

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044417.D
 Acq On : 19 Dec 2024 06:28
 Operator : JC/MD
 Sample : P5317-19MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20241217MS

Quant Time: Dec 19 07:13:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	120579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	213617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89259	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	105971	50.125	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.240%
35) Dibromofluoromethane	5.385	113	80699	54.545	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.100%
50) Toluene-d8	8.647	98	275601	55.215	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.440%
62) 4-Bromofluorobenzene	11.079	95	95512	54.763	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.520%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	101840	54.622	ug/l	98
3) Chloromethane	1.294	50	100546	56.393	ug/l	99
4) Vinyl Chloride	1.373	62	100314	54.006	ug/l	99
5) Bromomethane	1.593	94	66030	50.108	ug/l	99
6) Chloroethane	1.660	64	64595	55.848	ug/l	99
7) Trichlorofluoromethane	1.867	101	159830	43.953	ug/l	97
8) Diethyl Ether	2.136	74	59957	48.304	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.312	101	85466	58.083	ug/l	97
10) Methyl Iodide	2.440	142	106760	55.050	ug/l	97
11) Tert butyl alcohol	2.995	59	70752	237.456	ug/l	99
12) 1,1-Dichloroethene	2.306	96	76884	56.886	ug/l	94
13) Acrolein	2.239	56	108654	251.918	ug/l	99
14) Allyl chloride	2.654	41	111120	49.361	ug/l	98
15) Acrylonitrile	3.068	53	218540	264.782	ug/l	98
16) Acetone	2.392	43	197086	228.663	ug/l	93
17) Carbon Disulfide	2.501	76	135299	52.664	ug/l	99
18) Methyl Acetate	2.709	43	94760	42.640	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	262360	49.744	ug/l	97
20) Methylene Chloride	2.782	84	86364	53.348	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	77018	53.619	ug/l	94
22) Diisopropyl ether	3.763	45	257102	50.718	ug/l	98
23) Vinyl Acetate	3.721	43	899088	218.156	ug/l	99
24) 1,1-Dichloroethane	3.605	63	150960	53.424	ug/l	99
25) 2-Butanone	4.568	43	306611	250.229	ug/l	98
26) 2,2-Dichloropropane	4.470	77	66622	29.022	ug/l	92
27) cis-1,2-Dichloroethene	4.483	96	95958	52.601	ug/l	93
28) Bromochloromethane	4.891	49	70090	50.584	ug/l	99
29) Tetrahydrofuran	5.007	42	197080	250.581	ug/l	99
30) Chloroform	5.086	83	162853	51.296	ug/l	98
31) Cyclohexane	5.458	56	116900	51.232	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	134879	51.181	ug/l	99
36) 1,1-Dichloropropene	5.690	75	99689	52.127	ug/l	98
37) Ethyl Acetate	4.714	43	103439	43.755	ug/l	99
38) Carbon Tetrachloride	5.671	117	106720	51.832	ug/l	93
39) Methylcyclohexane	7.372	83	120195	52.572	ug/l	98
40) Benzene	6.031	78	320899	55.265	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	63751	50.785	ug/l	96
42) 1,2-Dichloroethane	6.080	62	124414	52.015	ug/l	97
43) Isopropyl Acetate	6.342	43	170996	46.279	ug/l	99
44) Trichloroethene	7.122	130	272774	188.381	ug/l	100
45) 1,2-Dichloropropane	7.427	63	77375	52.158	ug/l	100
46) Dibromomethane	7.580	93	62524	54.327	ug/l	98
47) Bromodichloromethane	7.817	83	107956	54.314	ug/l #	98
48) Methyl methacrylate	7.696	41	91092	50.787	ug/l	96
49) 1,4-Dioxane	7.665	88	28445	956.536	ug/l #	66
51) 4-Methyl-2-Pentanone	8.573	43	622807	262.151	ug/l	99
52) Toluene	8.714	92	194818	53.428	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	96722	45.626	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	108330	50.056	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	79671	54.999	ug/l	98
56) Ethyl methacrylate	9.116	69	122174	53.425	ug/l	98
57) 1,3-Dichloropropane	9.305	76	133261	52.852	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.165	63	328	0.284	ug/l #	46
59) 2-Hexanone	9.433	43	455924	265.129	ug/l	98
60) Dibromochloromethane	9.518	129	77087	50.234	ug/l	100
61) 1,2-Dibromoethane	9.610	107	80434	54.550	ug/l	100
64) Tetrachloroethene	9.268	164	64526	51.043	ug/l	98
65) Chlorobenzene	10.079	112	212499	52.067	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	71222	54.299	ug/l	99
67) Ethyl Benzene	10.195	91	364782	51.729	ug/l	99
68) m/p-Xylenes	10.299	106	276393	106.816	ug/l	96
69) o-Xylene	10.640	106	139121	53.138	ug/l	95
70) Styrene	10.652	104	229145	54.597	ug/l	97
71) Bromoform	10.799	173	46210	50.371	ug/l #	100
73) Isopropylbenzene	10.963	105	353672	51.758	ug/l	100
74) N-amyl acetate	10.841	43	133021	42.122	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	120537	50.787	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	97575m	48.960	ug/l	
77) Bromobenzene	11.195	156	85100	51.358	ug/l	99
78) n-propylbenzene	11.305	91	393213	52.064	ug/l	99
79) 2-Chlorotoluene	11.360	91	241377	49.418	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	290026	51.181	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25222	37.797	ug/l	99
82) 4-Chlorotoluene	11.451	91	275039	50.851	ug/l	99
83) tert-Butylbenzene	11.713	119	293206	52.357	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	290913	52.275	ug/l	99
85) sec-Butylbenzene	11.890	105	347835	51.163	ug/l	100
86) p-Isopropyltoluene	12.006	119	287333	50.779	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	151413	52.313	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	151478	50.911	ug/l	97
89) n-Butylbenzene	12.329	91	239808	50.400	ug/l	99
90) Hexachloroethane	12.536	117	43066	52.138	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	152884	50.871	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21771	47.254	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	85895	52.132	ug/l	98
94) Hexachlorobutadiene	13.725	225	33809	51.014	ug/l	98
95) Naphthalene	13.774	128	312358	48.567	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	88117	50.422	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

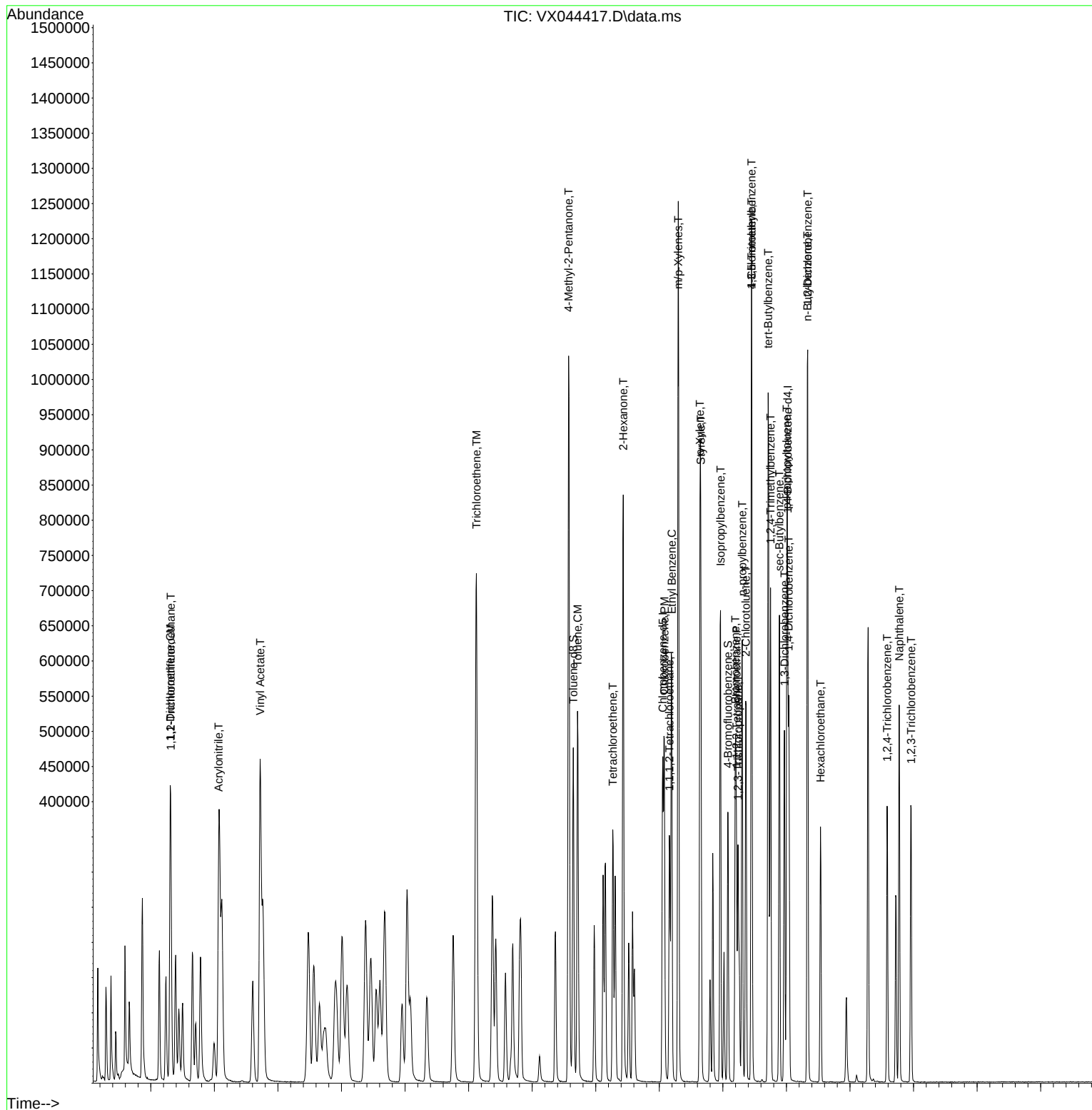
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
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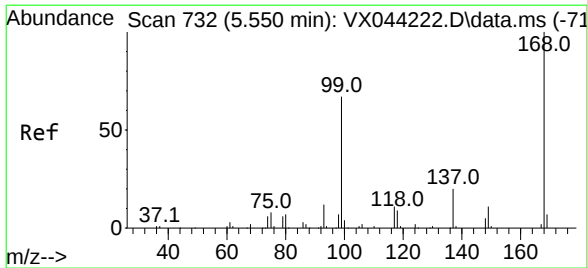
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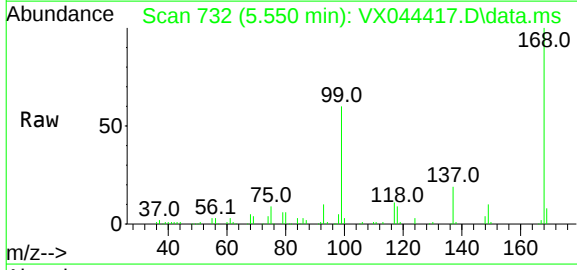
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. -0.000 min
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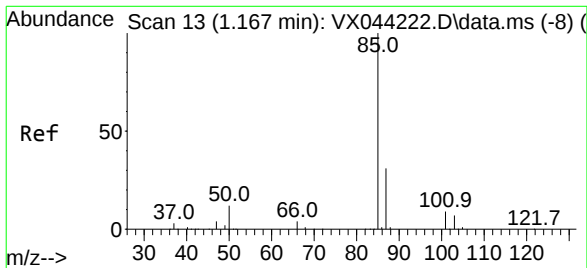
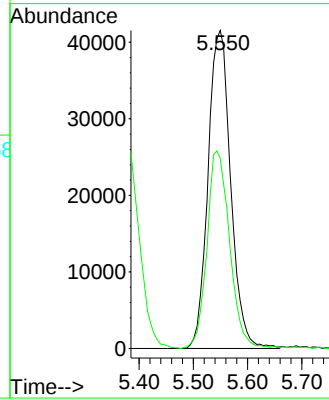
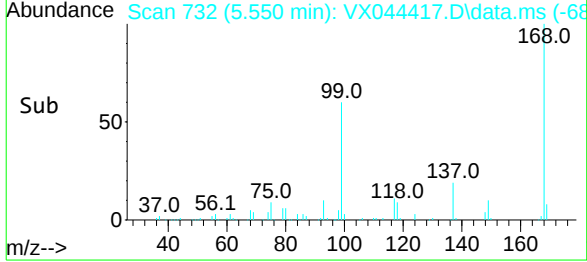
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS



Tgt Ion: 168 Resp: 120579
Ion Ratio Lower Upper
168 100
99 59.8 53.4 80.0

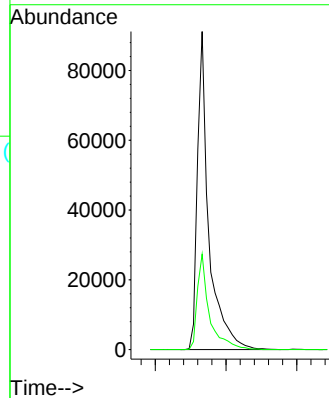
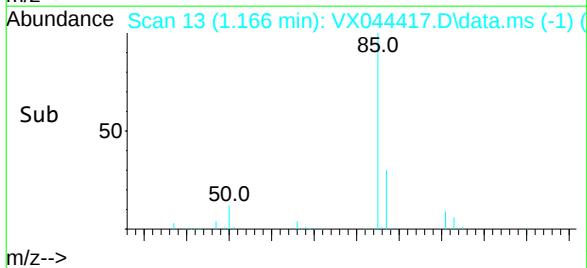
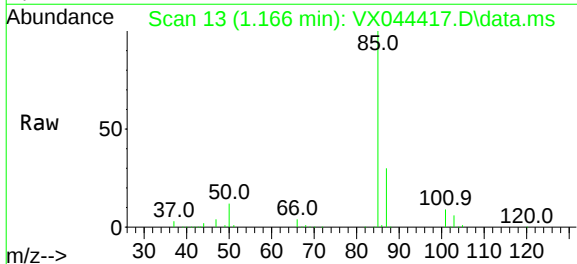
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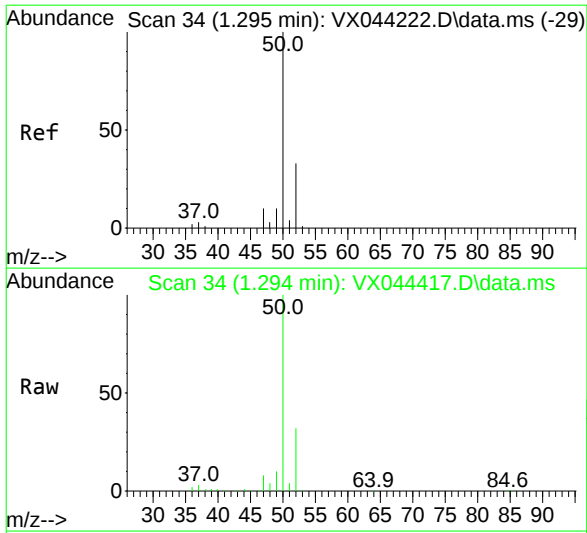
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024



#2
Dichlorodifluoromethane
Concen: 54.622 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Tgt Ion: 85 Resp: 101840
Ion Ratio Lower Upper
85 100
87 30.0 15.4 46.4





#3

Chloromethane

Concen: 56.393 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20241217MS

Tgt Ion: 50 Resp: 100546

Ion Ratio Lower Upper

50 100

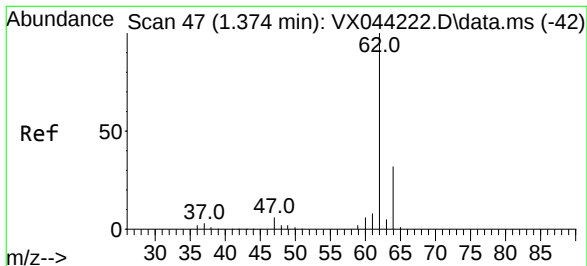
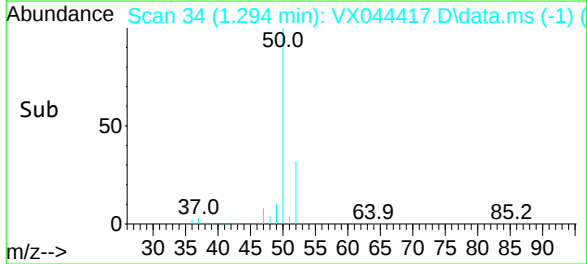
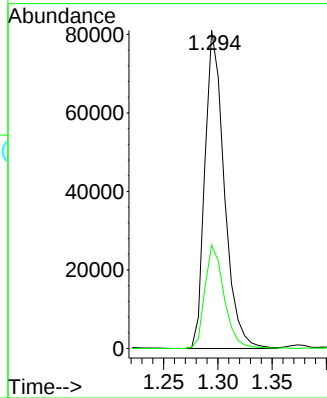
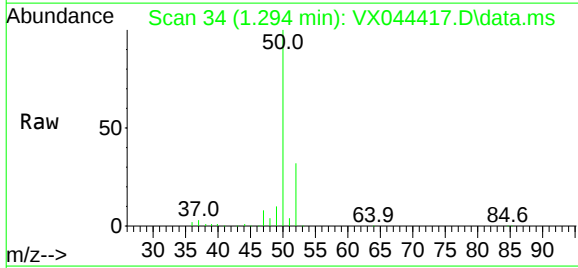
52 32.5 26.5 39.7

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 12/20/2024



#4

Vinyl Chloride

Concen: 54.006 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX044417.D

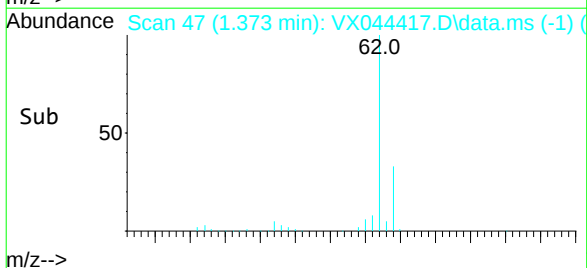
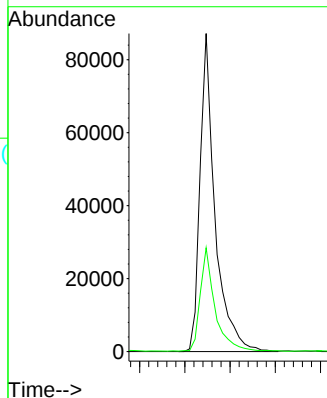
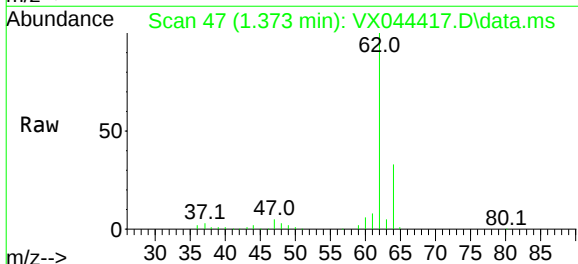
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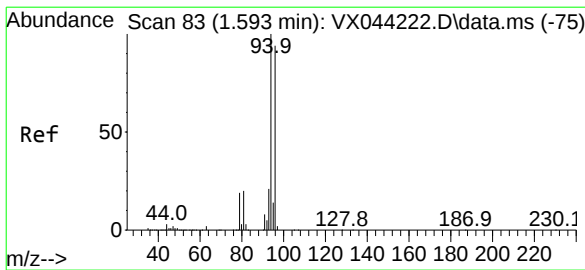
Tgt Ion: 62 Resp: 100314

Ion Ratio Lower Upper

62 100

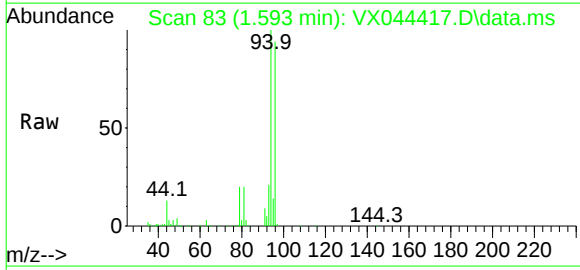
64 32.5 25.7 38.5





#5
Bromomethane
Concen: 50.108 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

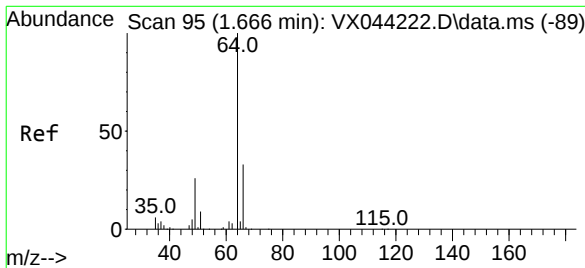
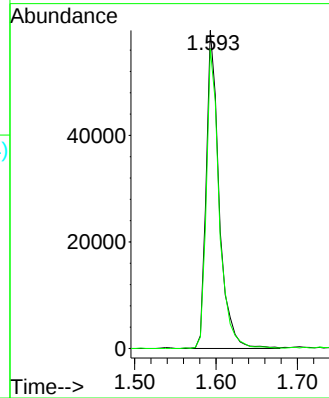
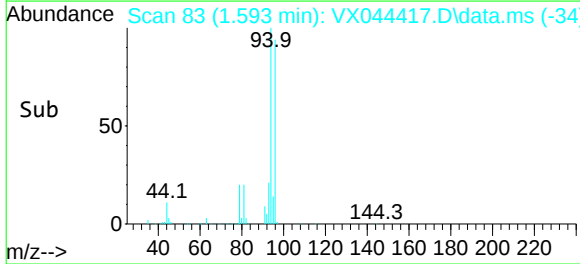
Instrument :
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Tgt Ion: 94 Resp: 66036
Ion Ratio Lower Upper
94 100
96 94.1 74.9 112.3

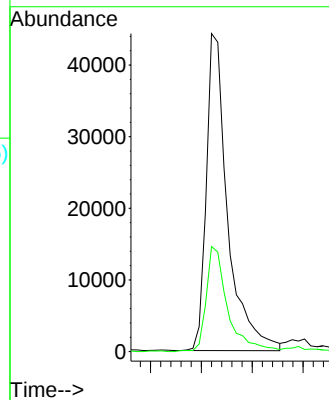
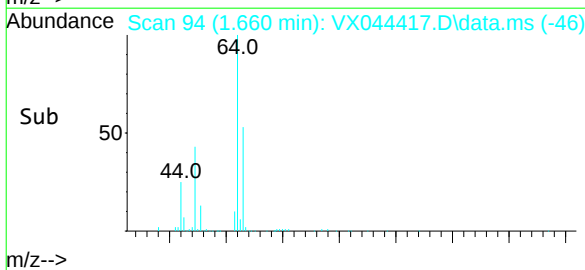
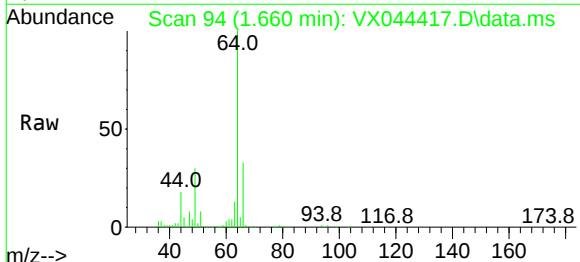
Manual Integrations
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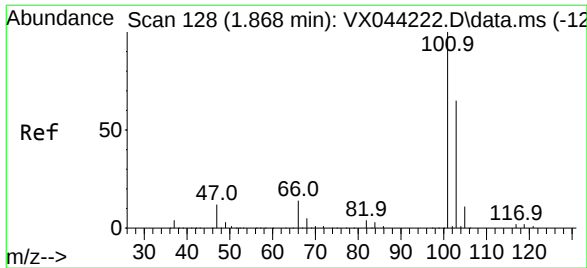
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#6
Chloroethane
Concen: 55.848 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

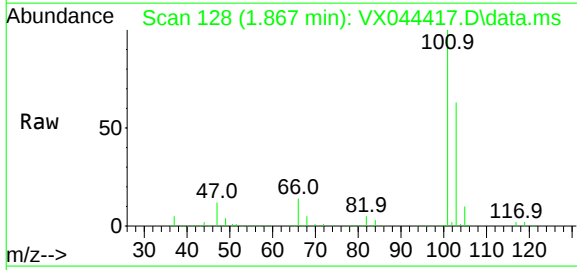
Tgt Ion: 64 Resp: 64595
Ion Ratio Lower Upper
64 100
66 32.8 26.6 39.8





#7
Trichlorofluoromethane
Concen: 43.953 ug/l
RT: 1.867 min Scan# 128
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

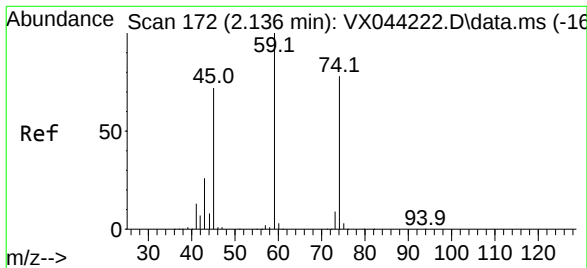
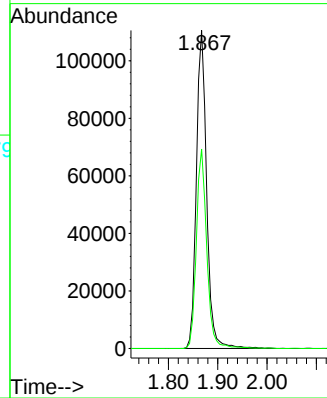
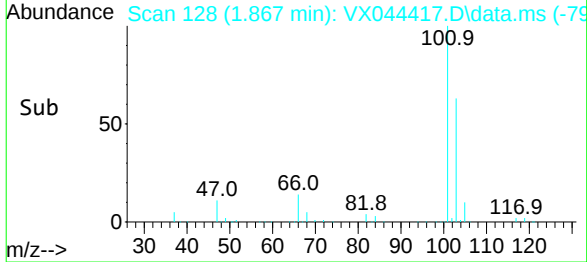
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Tgt Ion:101 Resp: 159836
Ion Ratio Lower Upper
101 100
103 62.7 51.8 77.8

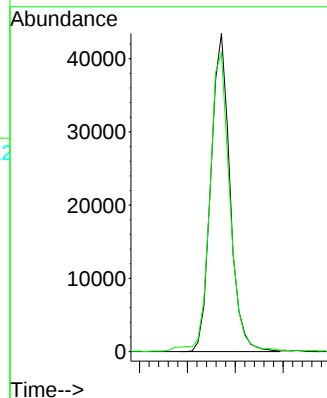
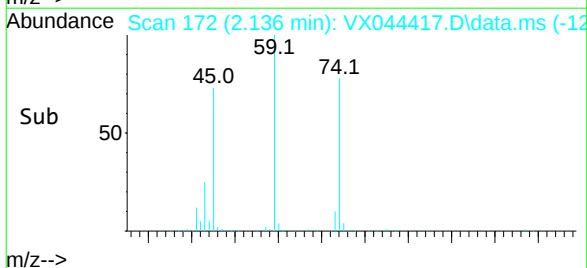
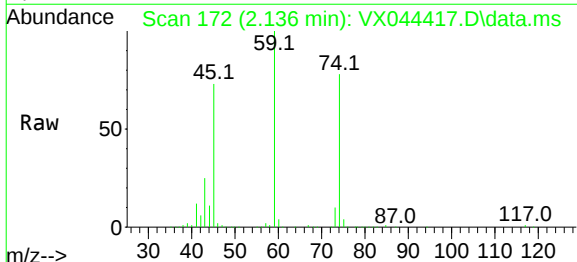
Manual Integrations
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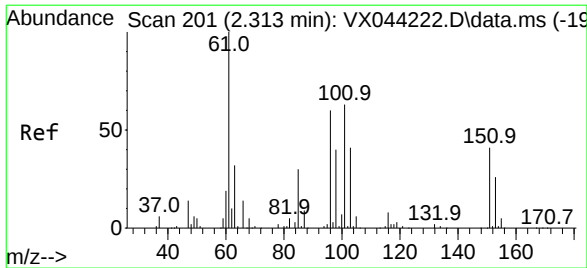
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#8
Diethyl Ether
Concen: 48.304 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

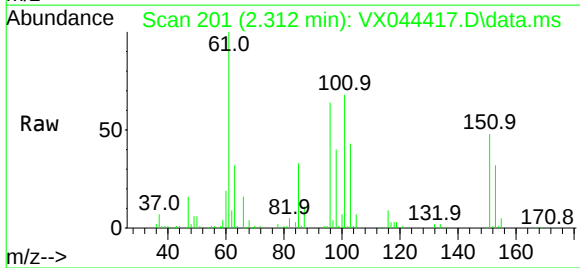
Tgt Ion: 74 Resp: 59957
Ion Ratio Lower Upper
74 100
45 99.7 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.083 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

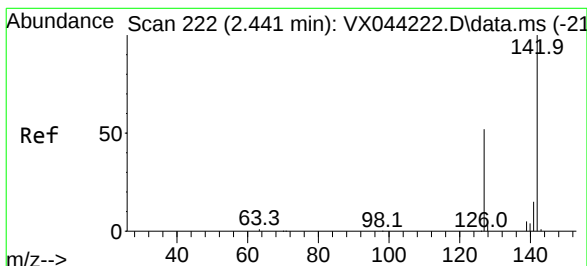
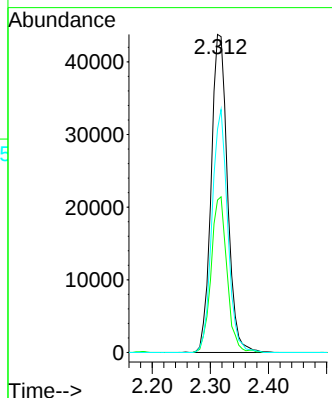
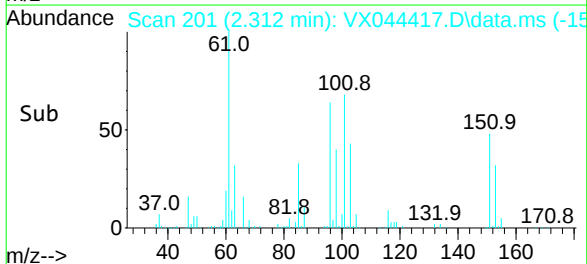
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS



Tgt Ion:101 Resp: 85466
Ion Ratio Lower Upper
101 100
85 47.6 38.5 57.7
151 73.1 55.8 83.6

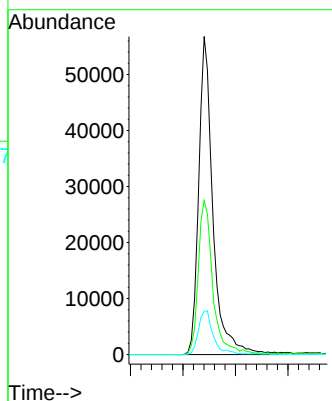
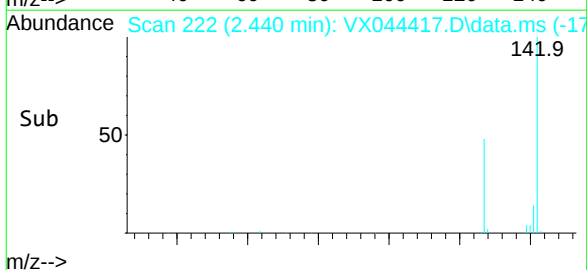
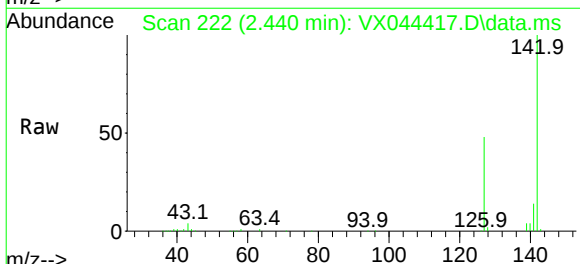
Manual Integrations
APPROVED

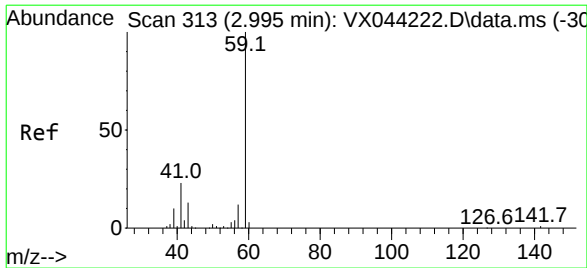
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#10
Methyl Iodide
Concen: 55.050 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

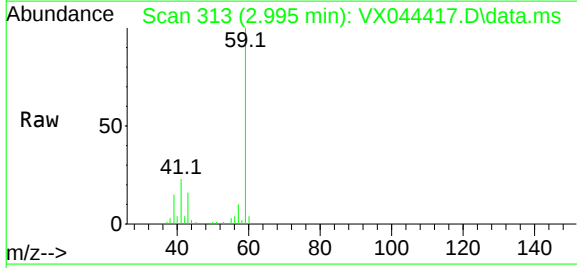
Tgt Ion:142 Resp: 106760
Ion Ratio Lower Upper
142 100
127 50.0 41.8 62.8
141 14.5 11.5 17.3





#11
Tert butyl alcohol
Concen: 237.456 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

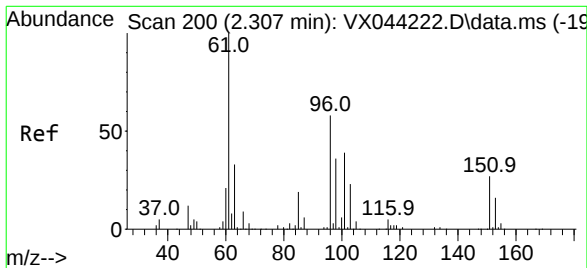
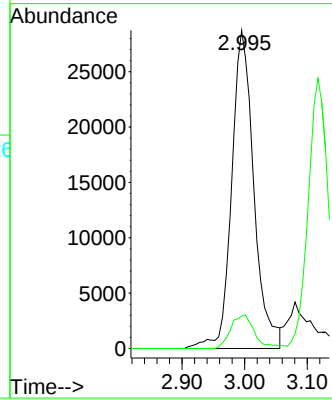
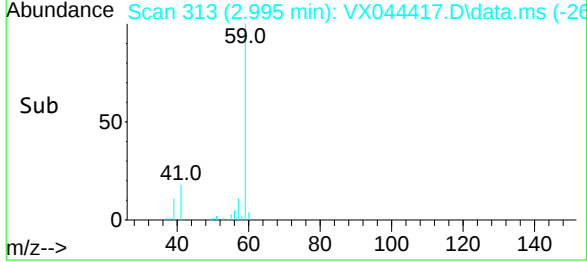
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS



Tgt Ion: 59 Resp: 70752
Ion Ratio Lower Upper
59 100
57 11.3 8.8 13.2

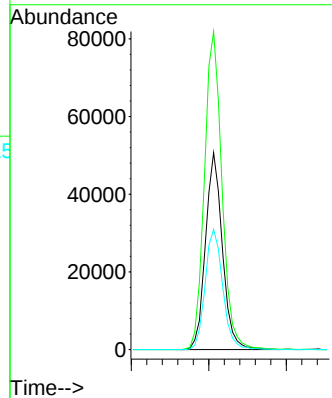
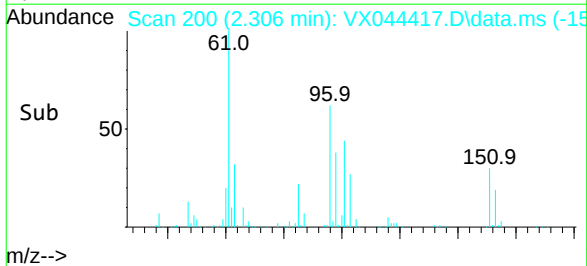
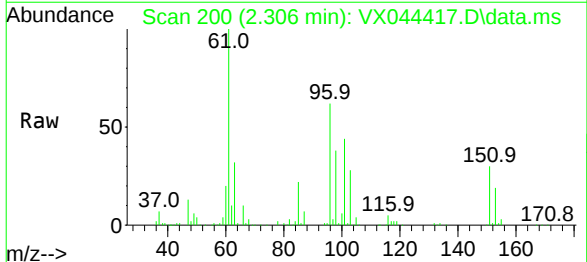
Manual Integrations
APPROVED

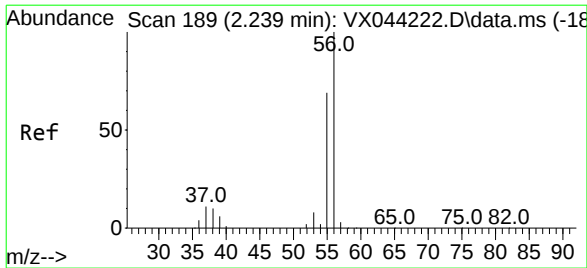
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#12
1,1-Dichloroethene
Concen: 56.886 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

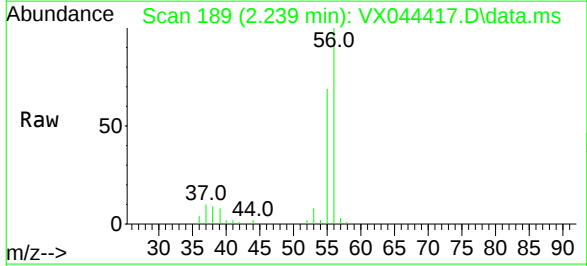
Tgt Ion: 96 Resp: 76884
Ion Ratio Lower Upper
96 100
61 161.5 138.0 207.0
98 61.0 50.0 75.0





#13
Acrolein
Concen: 251.918 ug/l
RT: 2.239 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

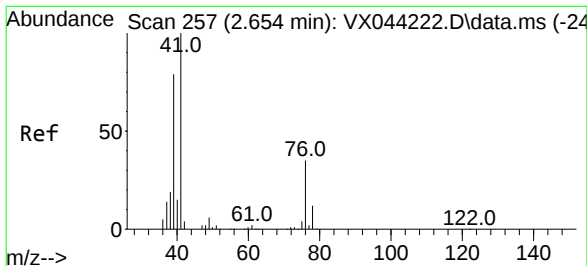
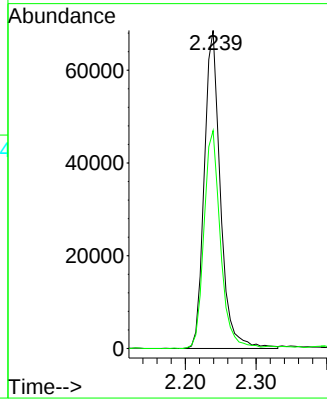
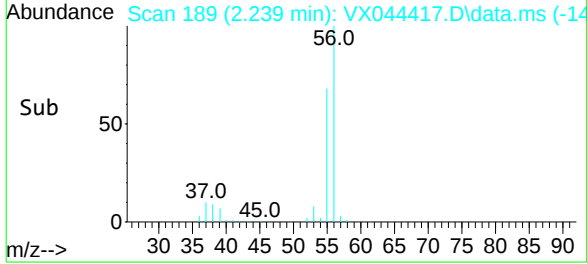
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS



Tgt Ion: 56 Resp: 108654
Ion Ratio Lower Upper
56 100
55 69.8 56.6 84.8

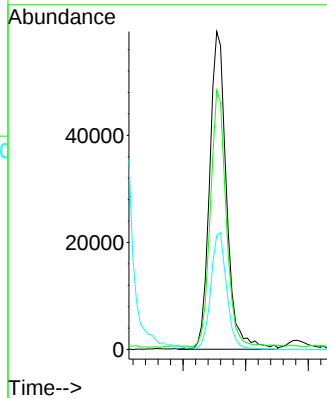
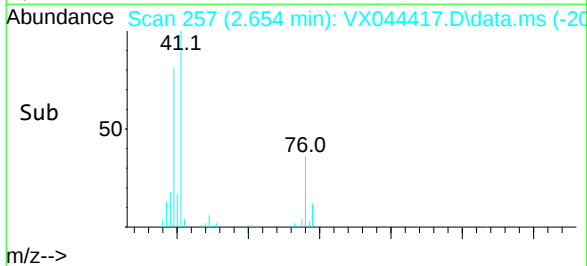
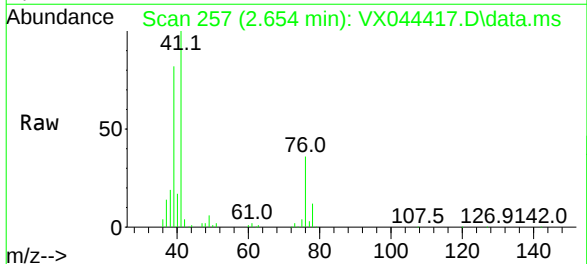
Manual Integrations
APPROVED

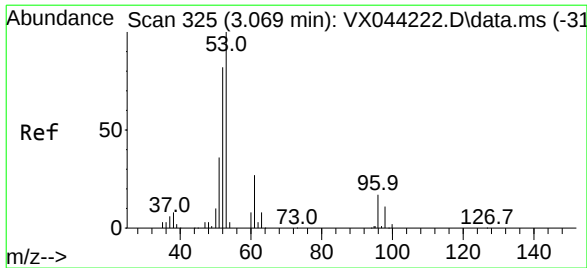
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#14
Allyl chloride
Concen: 49.361 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

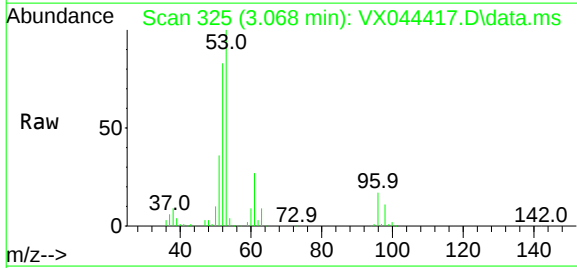
Tgt Ion: 41 Resp: 111120
Ion Ratio Lower Upper
41 100
39 75.0 61.9 92.9
76 34.8 27.4 41.2





#15
Acrylonitrile
Concen: 264.782 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

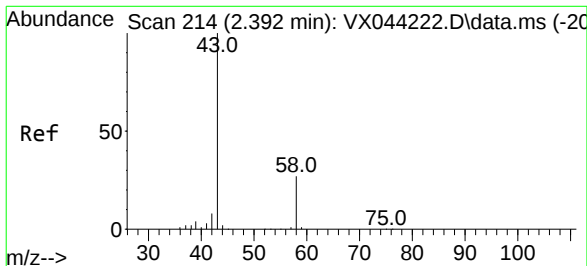
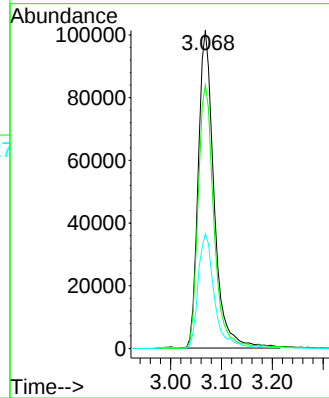
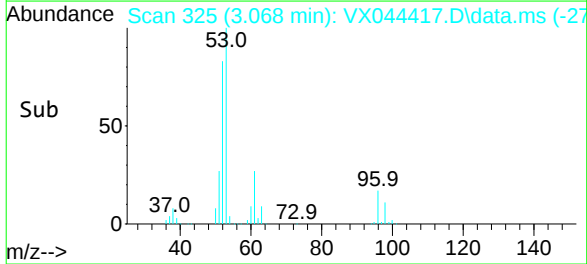
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS



Tgt Ion: 53 Resp: 218540
Ion Ratio Lower Upper
53 100
52 82.4 67.4 101.0
51 36.3 30.3 45.5

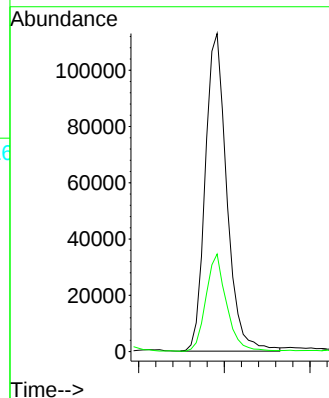
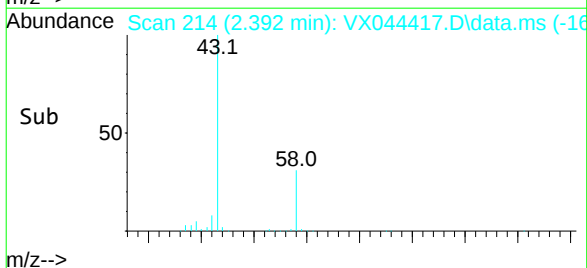
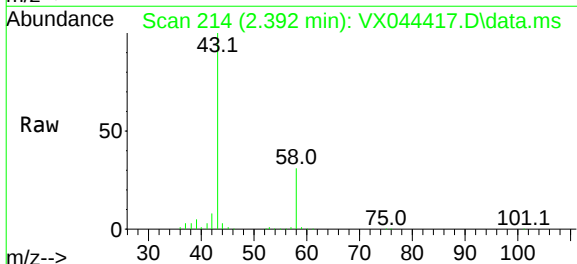
Manual Integrations
APPROVED

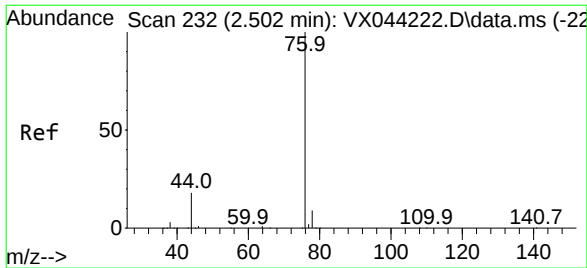
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#16
Acetone
Concen: 228.663 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Tgt Ion: 43 Resp: 197086
Ion Ratio Lower Upper
43 100
58 30.6 21.6 32.4





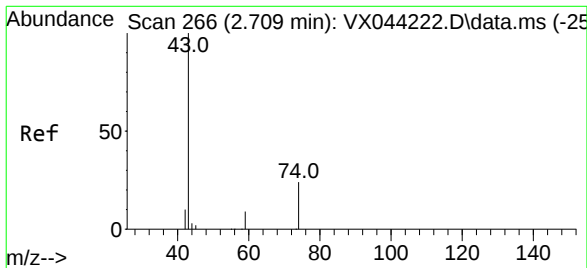
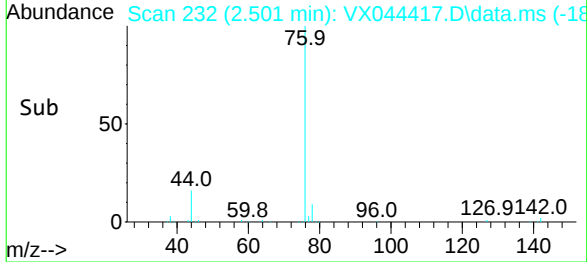
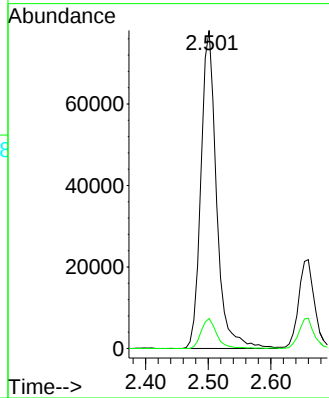
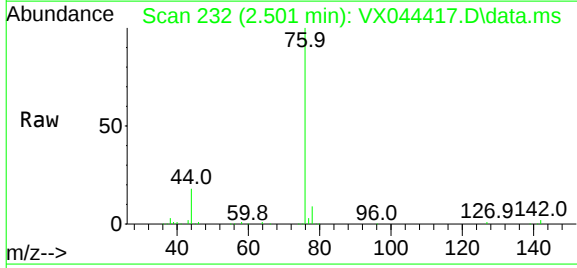
#17
Carbon Disulfide
Concen: 52.664 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS

Tgt Ion: 76 Resp: 135299
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

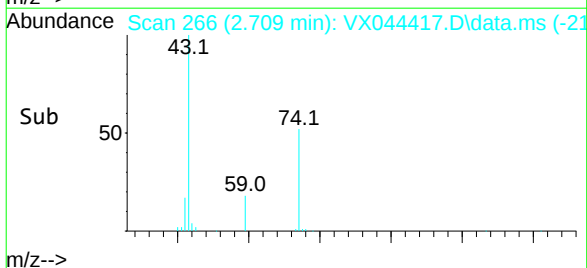
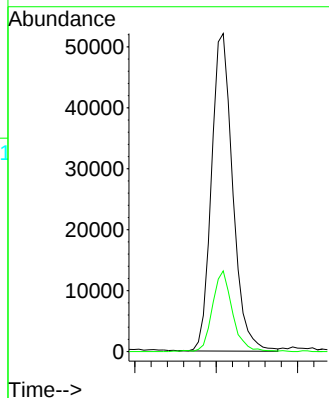
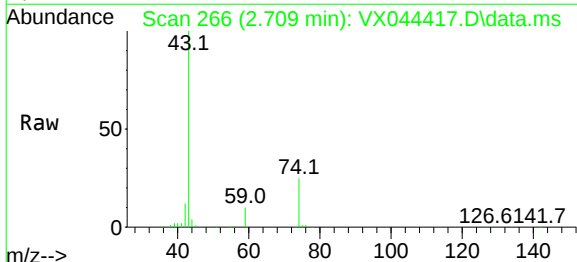
Manual Integrations
APPROVED

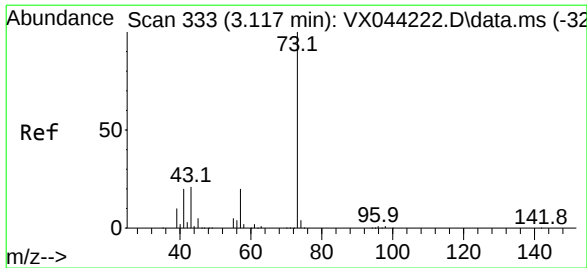
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#18
Methyl Acetate
Concen: 42.640 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Tgt Ion: 43 Resp: 94760
Ion Ratio Lower Upper
43 100
74 24.0 17.7 26.5





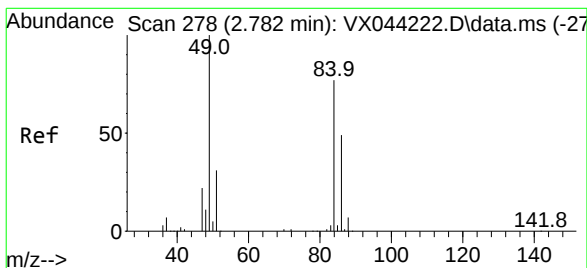
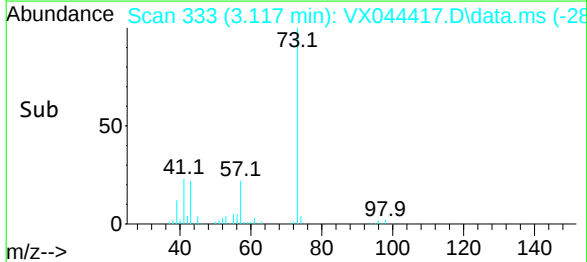
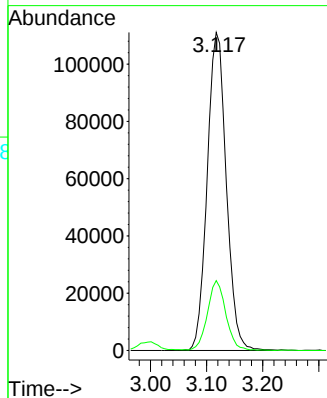
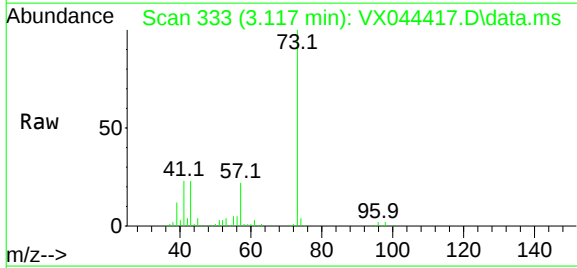
#19
Methyl tert-butyl Ether
Concen: 49.744 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS

Tgt Ion: 73 Resp: 262360
Ion Ratio Lower Upper
73 100
57 21.9 16.2 24.4

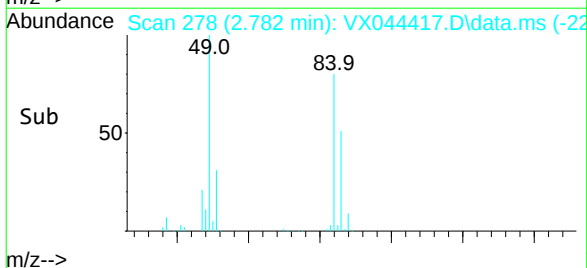
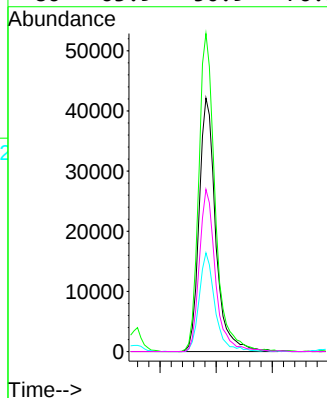
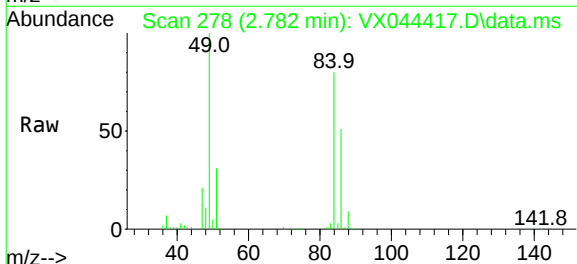
Manual Integrations
APPROVED

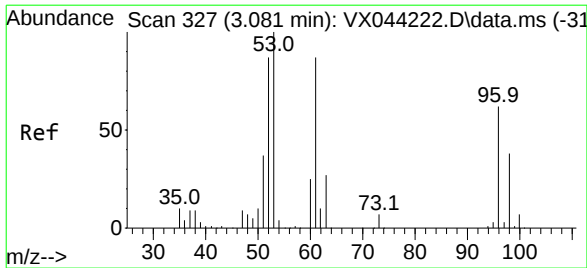
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#20
Methylene Chloride
Concen: 53.348 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

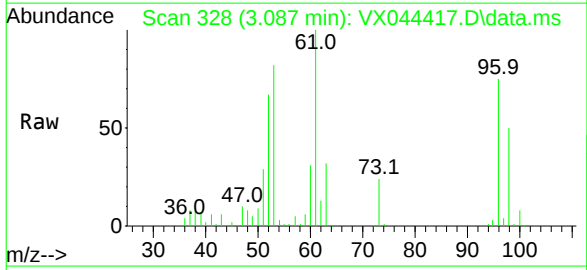
Tgt Ion: 84 Resp: 86364
Ion Ratio Lower Upper
84 100
49 125.4 104.2 156.4
51 38.9 32.2 48.4
86 63.9 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 53.619 ug/l
RT: 3.087 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

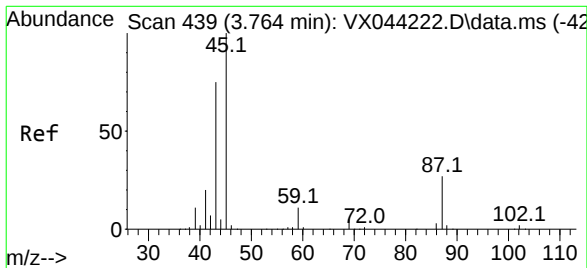
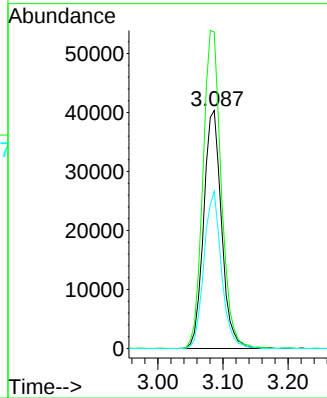
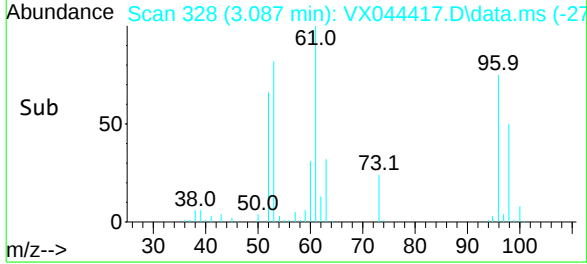
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS



Tgt Ion: 96 Resp: 77018
Ion Ratio Lower Upper
96 100
61 133.0 112.0 168.0
98 65.9 48.8 73.2

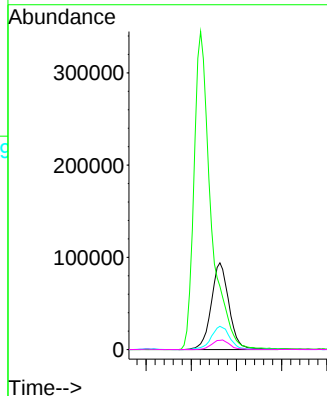
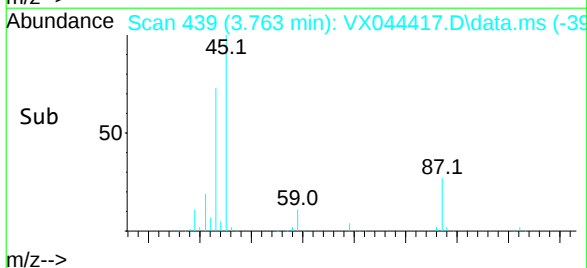
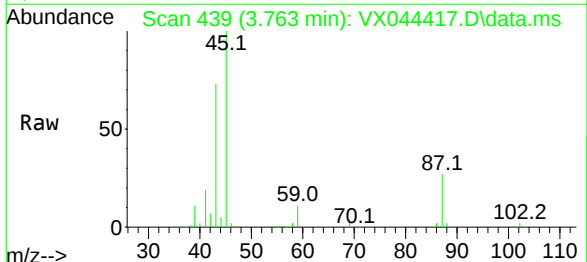
Manual Integrations
APPROVED

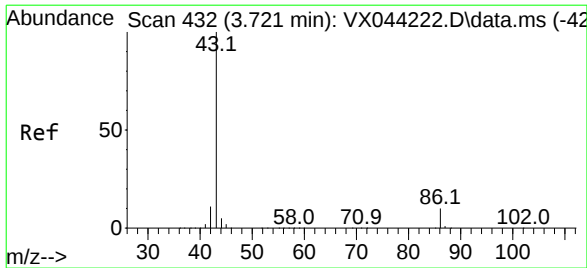
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#22
Diisopropyl ether
Concen: 50.718 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Tgt Ion: 45 Resp: 257102
Ion Ratio Lower Upper
45 100
43 72.8 60.2 90.2
87 26.9 21.2 31.8
59 10.6 8.9 13.3





#23

Vinyl Acetate

Concen: 218.156 ug/l

RT: 3.721 min Scan# 43

Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20241217MS

Tgt Ion: 43 Resp: 899088

Ion Ratio Lower Upper

43 100

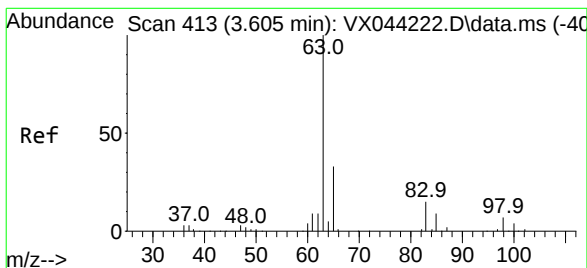
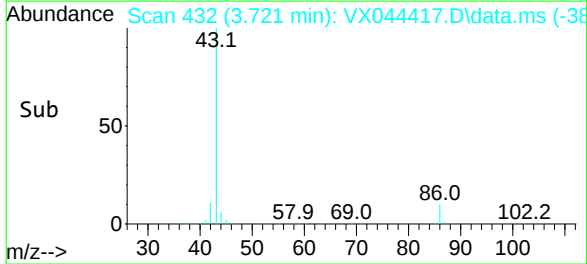
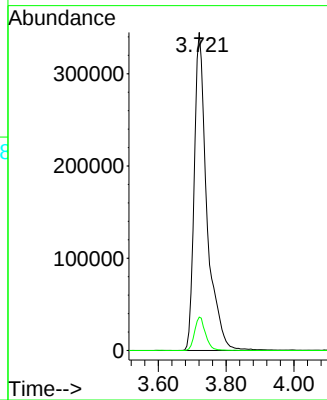
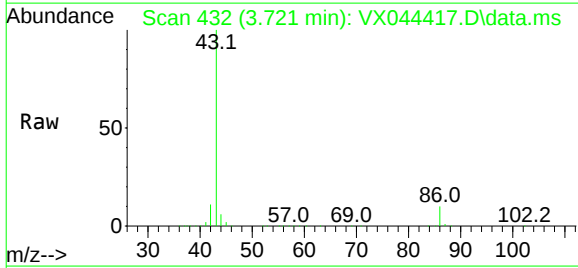
86 10.5 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#24

1,1-Dichloroethane

Concen: 53.424 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

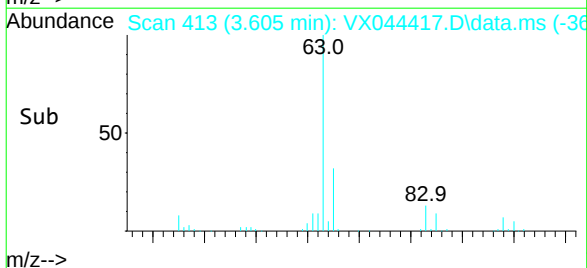
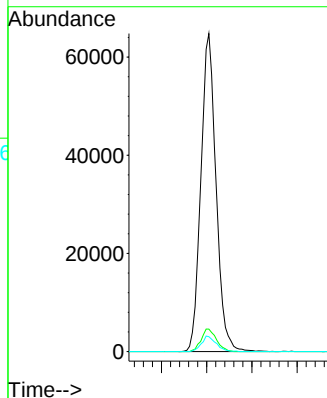
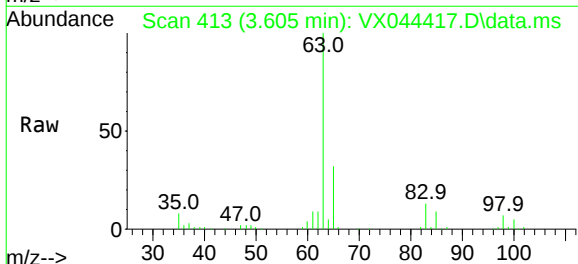
Tgt Ion: 63 Resp: 150960

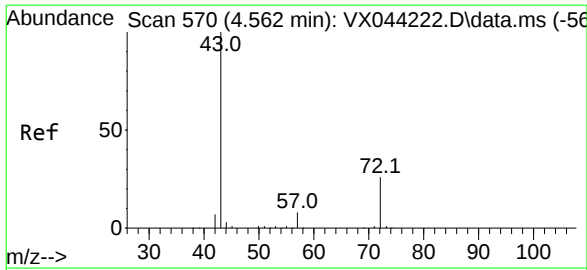
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.7 2.1 6.3





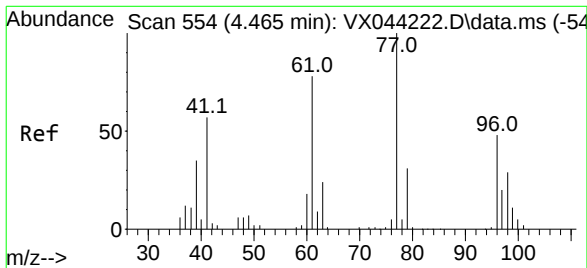
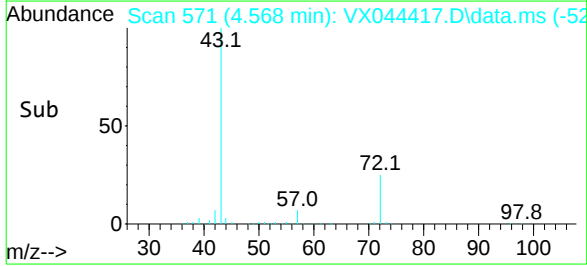
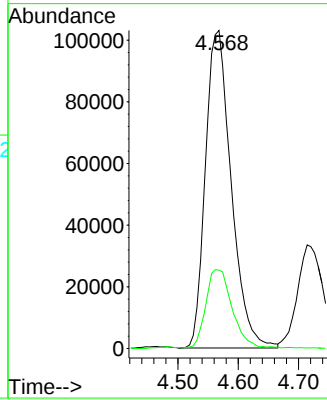
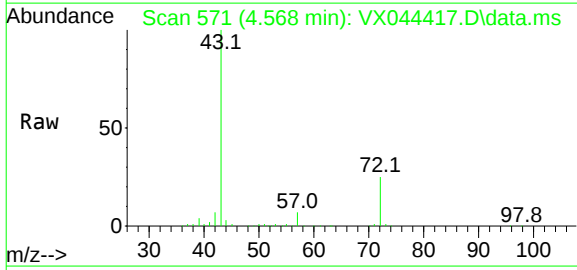
#25
2-Butanone
Concen: 250.229 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS

Tgt Ion: 43 Resp: 306611
Ion Ratio Lower Upper
43 100
72 24.3 20.2 30.4

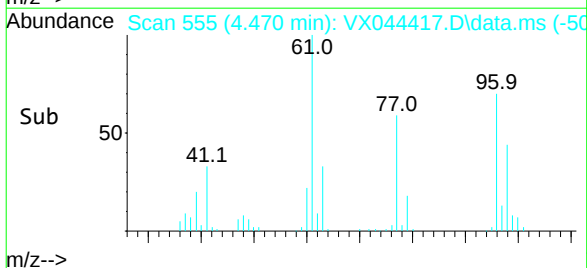
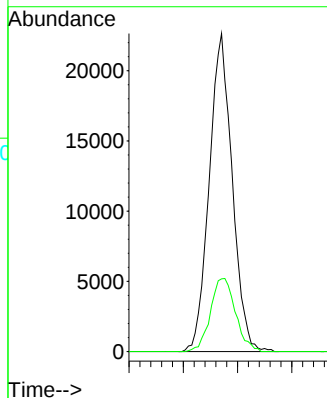
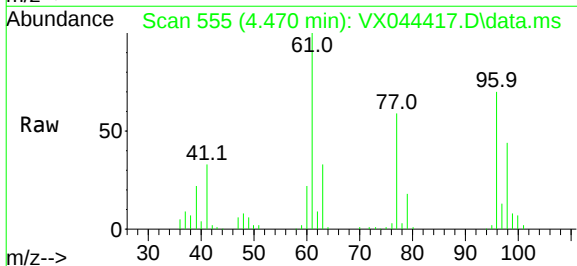
Manual Integrations
APPROVED

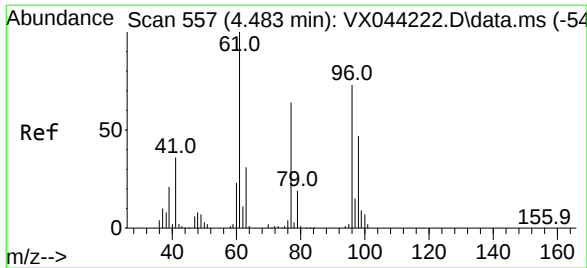
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#26
2,2-Dichloropropane
Concen: 29.022 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

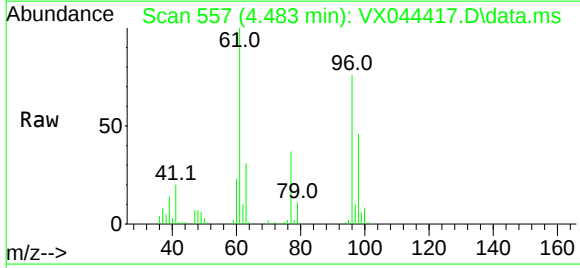
Tgt Ion: 77 Resp: 66622
Ion Ratio Lower Upper
77 100
97 25.1 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 52.601 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX044417.D
 Acq: 19 Dec 2024 06:28

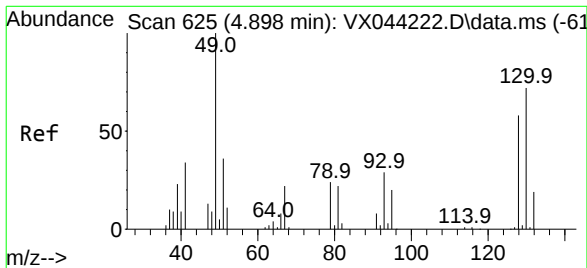
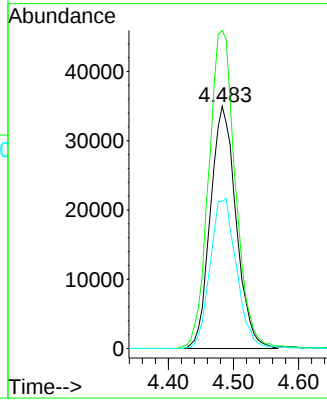
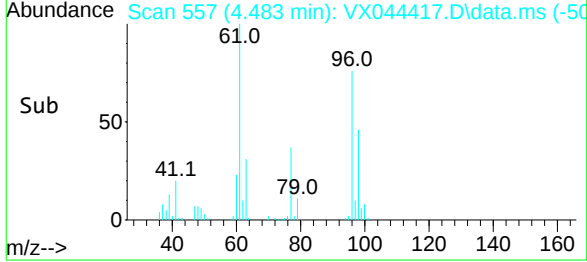
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20241217MS



Tgt Ion: 96 Resp: 95958
 Ion Ratio Lower Upper
 96 100
 61 136.9 0.0 299.0
 98 63.8 0.0 129.0

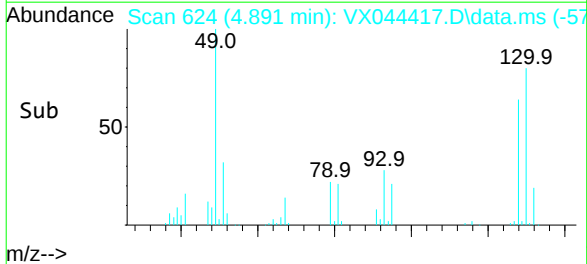
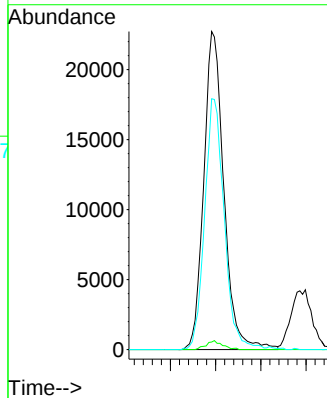
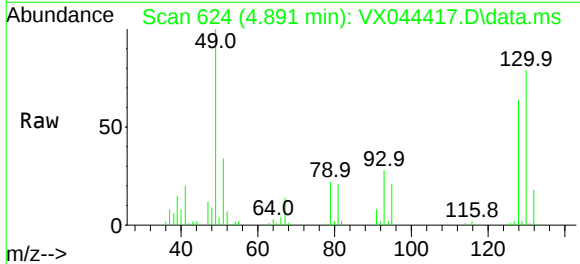
Manual Integrations
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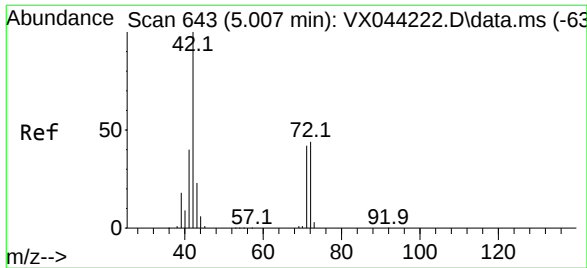
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#28
 Bromochloromethane
 Concen: 50.584 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX044417.D
 Acq: 19 Dec 2024 06:28

Tgt Ion: 49 Resp: 70090
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 76.9 62.1 93.1





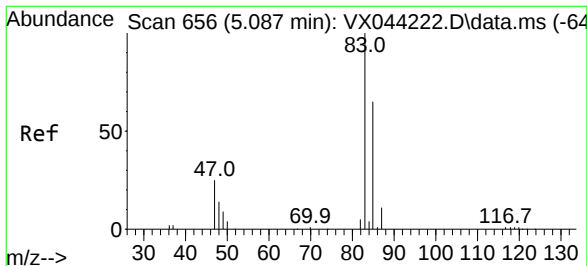
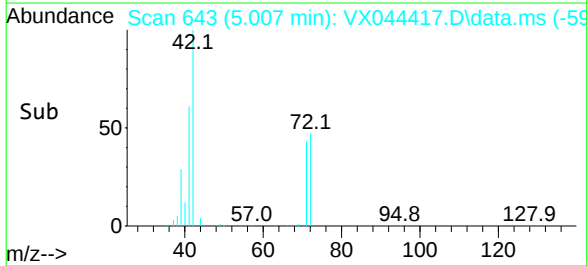
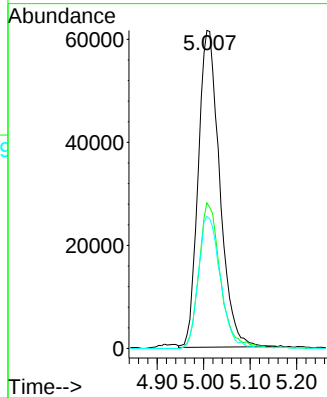
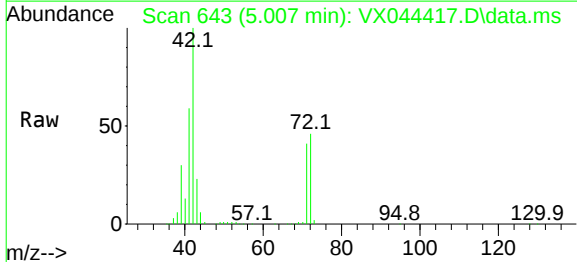
#29
Tetrahydrofuran
Concen: 250.581 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS

Tgt Ion: 42 Resp: 197080
Ion Ratio Lower Upper
42 100
72 45.7 37.0 55.6
71 42.7 33.6 50.4

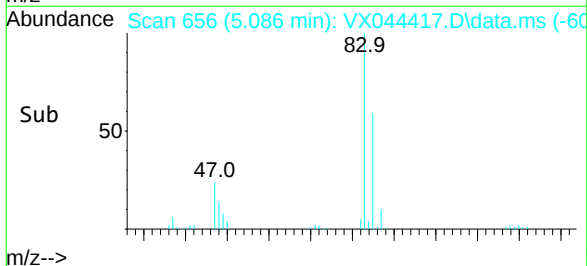
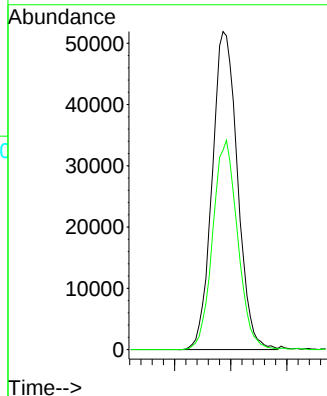
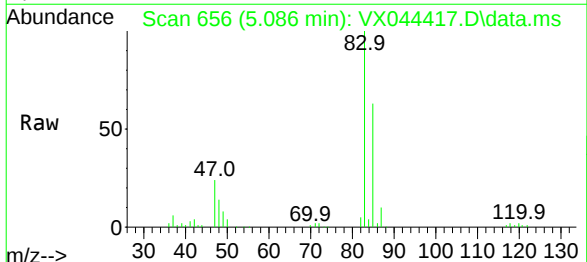
Manual Integrations
APPROVED

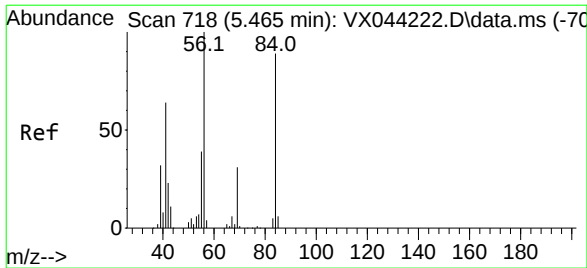
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#30
Chloroform
Concen: 51.296 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Tgt Ion: 83 Resp: 162853
Ion Ratio Lower Upper
83 100
85 62.7 51.6 77.4





#31

Cyclohexane

Concen: 51.232 ug/l

RT: 5.458 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX044417.D

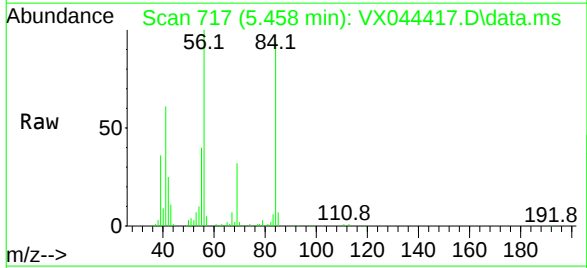
Acq: 19 Dec 2024 06:28

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20241217MS



Tgt Ion: 56 Resp: 116900

Ion Ratio Lower Upper

56 100

69 32.2 24.7 37.1

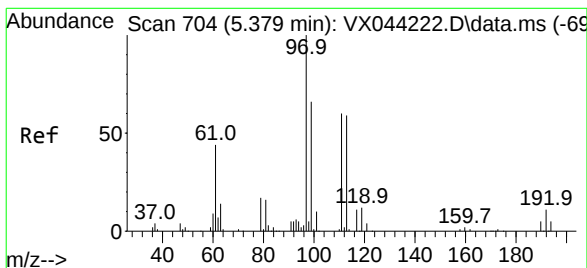
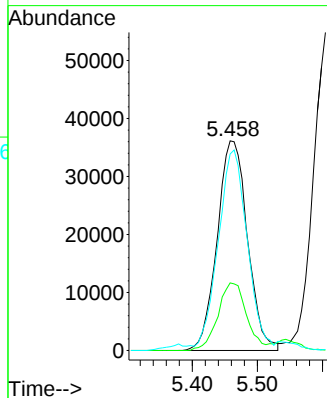
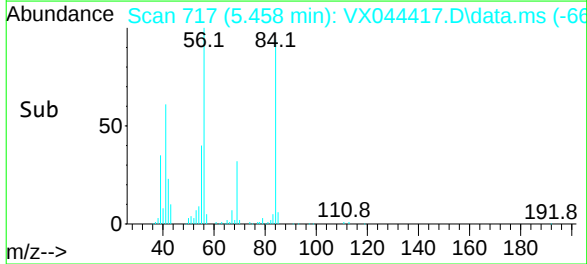
84 90.6 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#32

1,1,1-Trichloroethane

Concen: 51.181 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

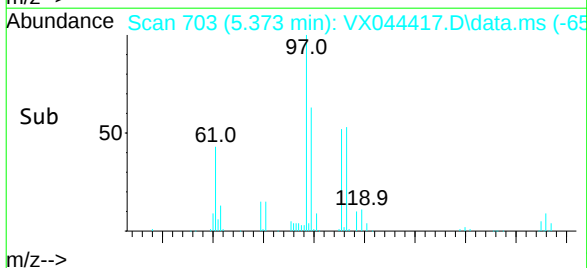
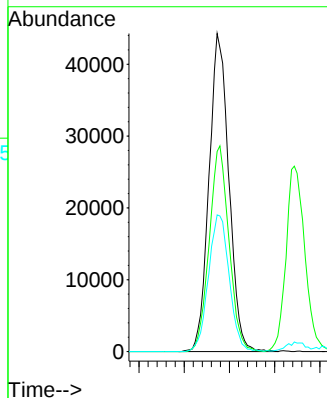
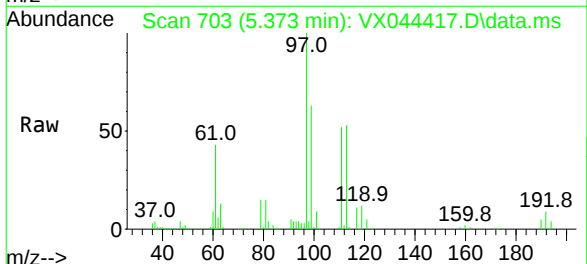
Tgt Ion: 97 Resp: 134879

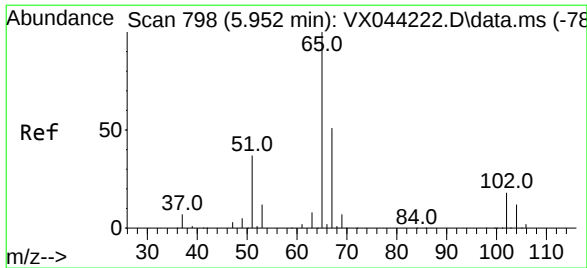
Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

61 45.2 35.2 52.8





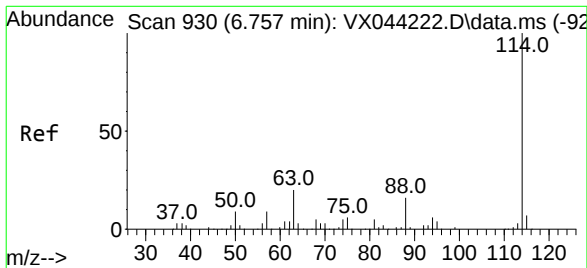
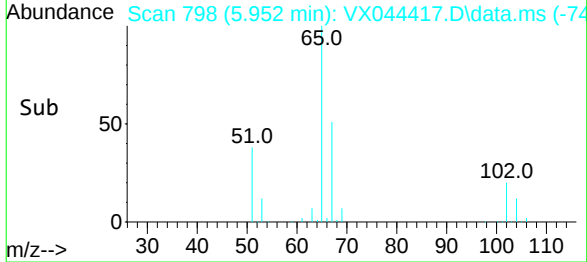
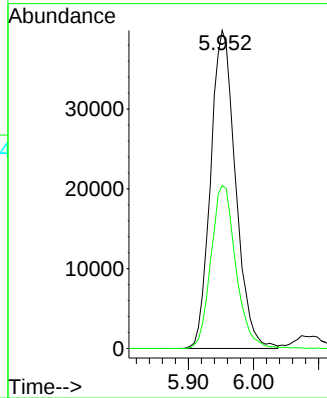
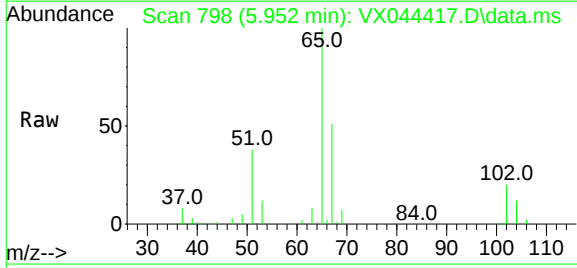
#33
1,2-Dichloroethane-d4
Concen: 50.125 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS

Tgt Ion: 65 Resp: 105971
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.6

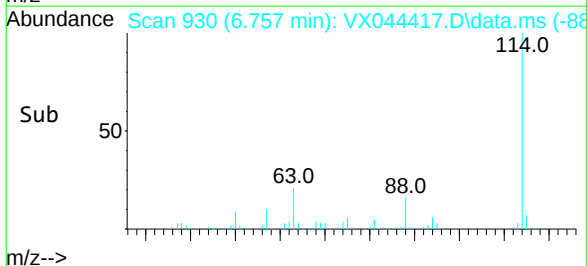
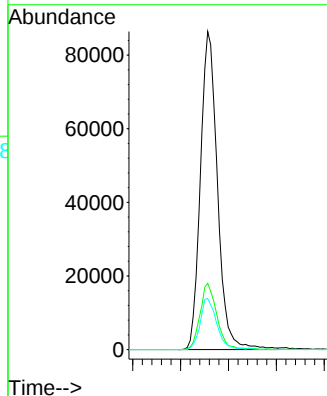
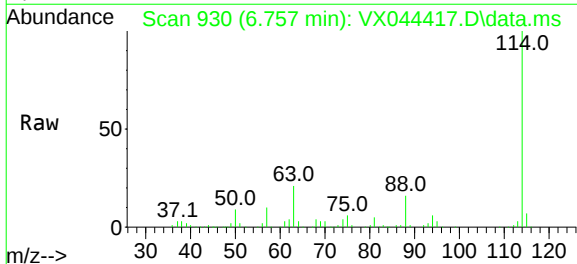
Manual Integrations
APPROVED

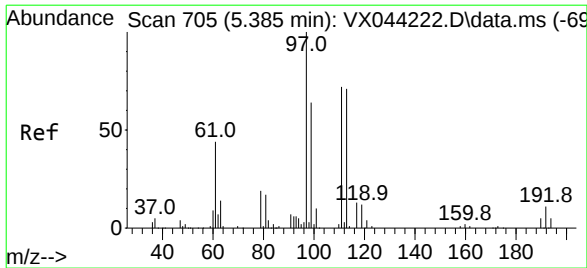
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

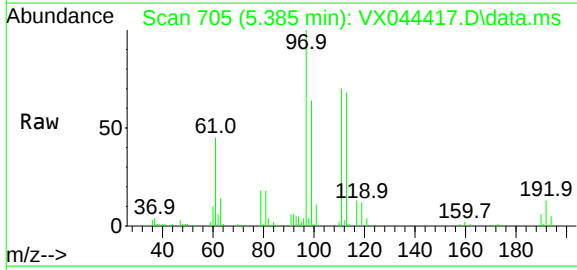
Tgt Ion:114 Resp: 213617
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.6
88 16.1 0.0 31.8





#35
Dibromofluoromethane
Concen: 54.545 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

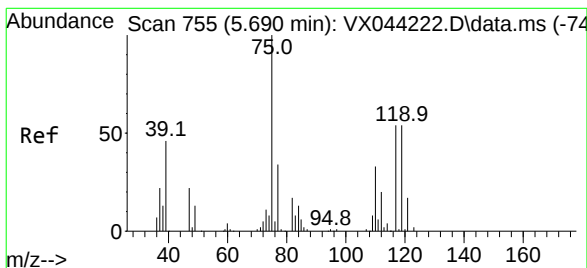
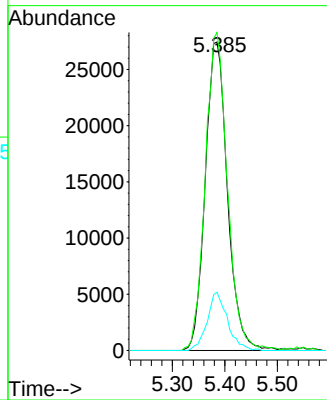
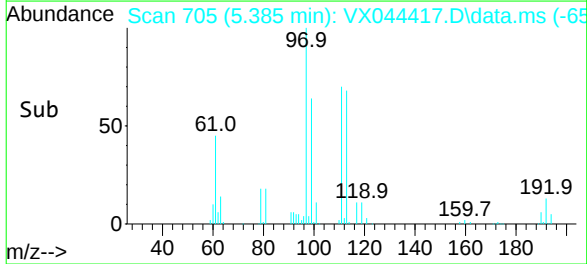
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS



Tgt Ion: 113 Resp: 80699
Ion Ratio Lower Upper
113 100
111 103.0 80.4 120.6
192 17.3 13.3 19.9

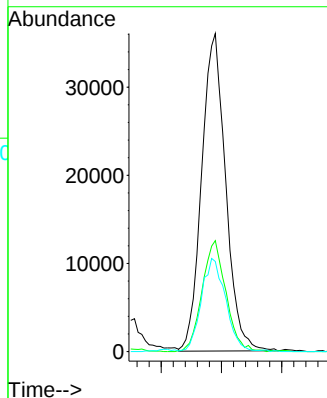
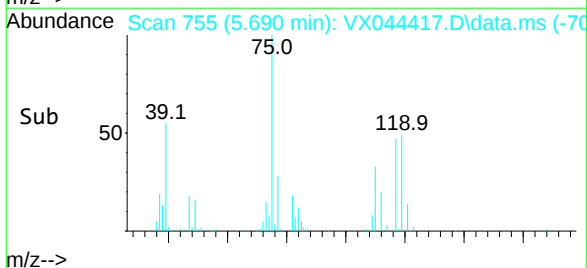
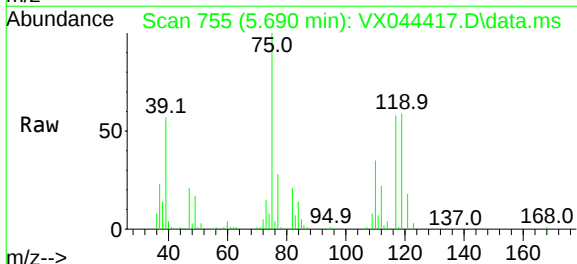
Manual Integrations
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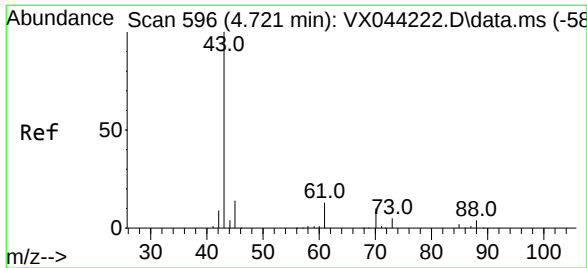
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024



#36
1,1-Dichloropropene
Concen: 52.127 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Tgt Ion: 75 Resp: 99689
Ion Ratio Lower Upper
75 100
110 34.6 17.3 51.7
77 29.2 25.4 38.0





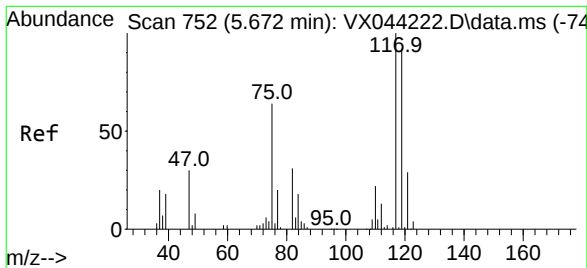
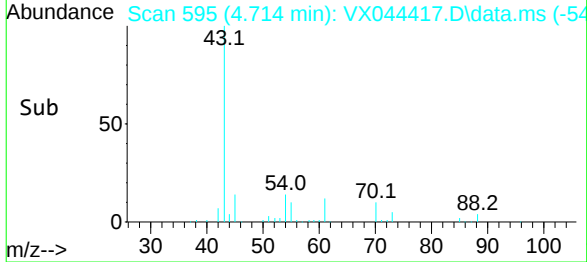
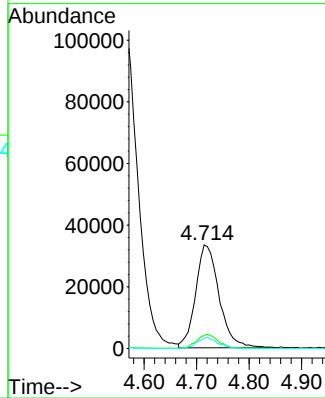
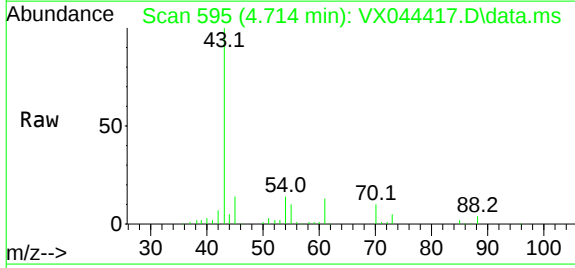
#37
Ethyl Acetate
Concen: 43.755 ug/l
RT: 4.714 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS

Tgt Ion: 43 Resp: 103439
Ion Ratio Lower Upper
43 100
61 12.9 9.8 14.8
70 9.6 7.7 11.5

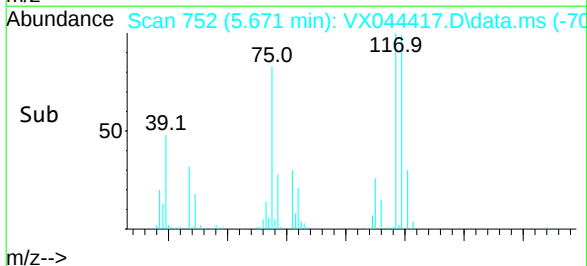
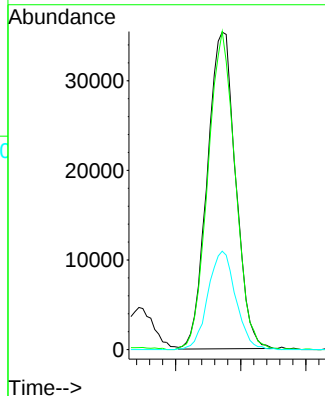
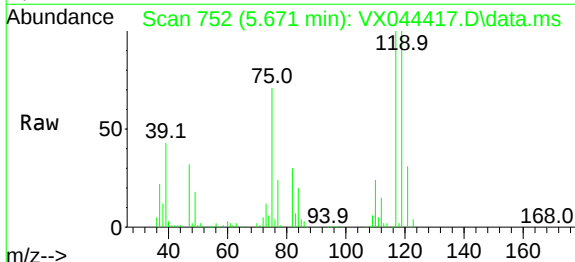
Manual Integrations
APPROVED

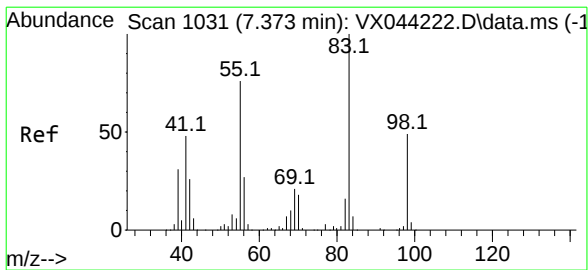
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Carbon Tetrachloride
Concen: 51.832 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

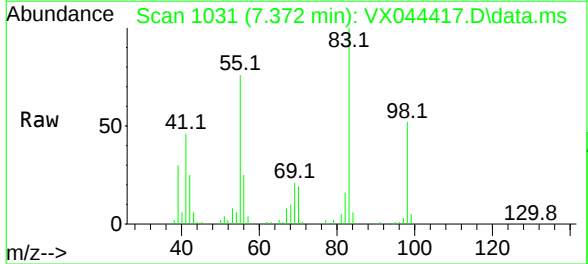
Tgt Ion:117 Resp: 106720
Ion Ratio Lower Upper
117 100
119 100.2 74.2 111.4
121 31.1 23.0 34.6





#39
Methylcyclohexane
Concen: 52.572 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Instrument : MSVOA_X
ClientSampleId : RE132D5-20241217MS

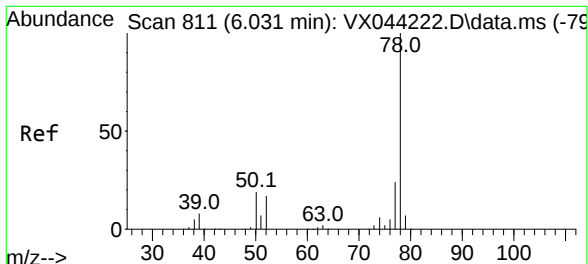
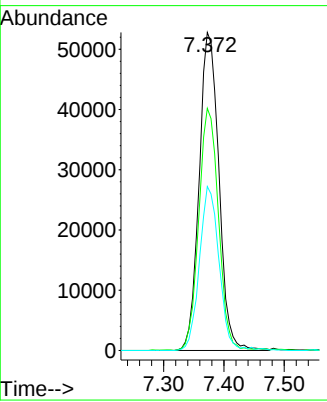
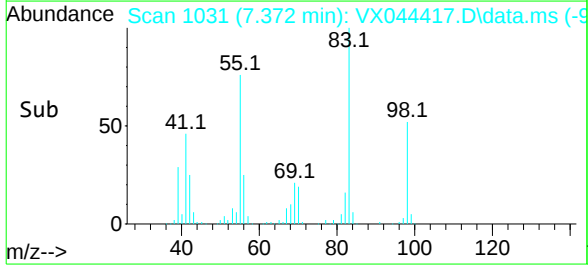


Tgt Ion: 83 Resp: 120195

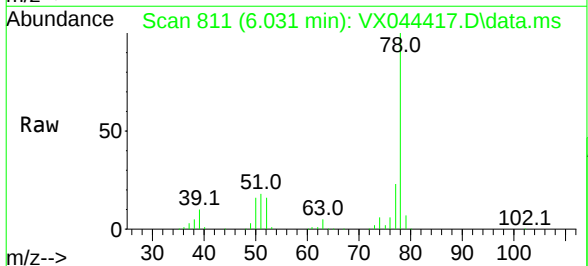
Ion	Ratio	Lower	Upper
83	100		
55	76.0	60.7	91.1
98	51.6	38.9	58.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

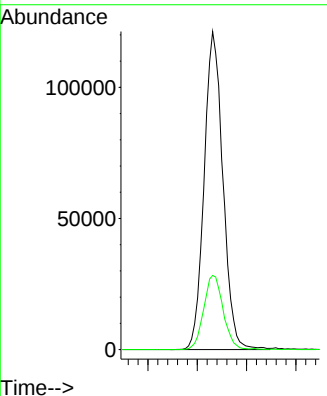
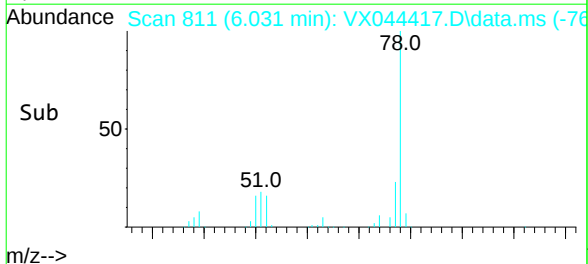


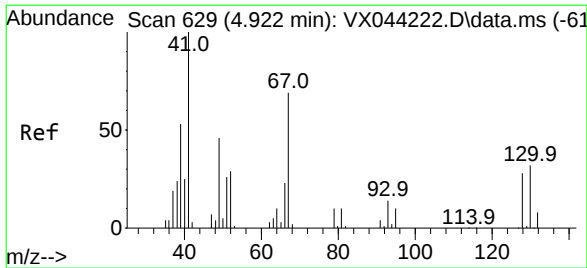
#40
Benzene
Concen: 55.265 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28



Tgt Ion: 78 Resp: 320899

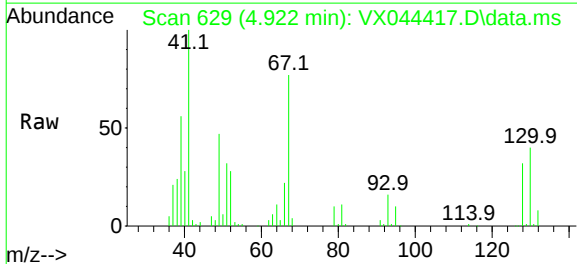
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9





#41
Methacrylonitrile
Concen: 50.785 ug/l
RT: 4.922 min Scan# 629
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

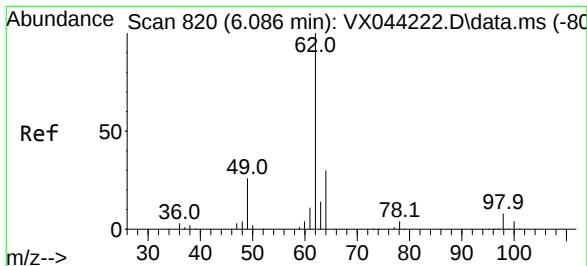
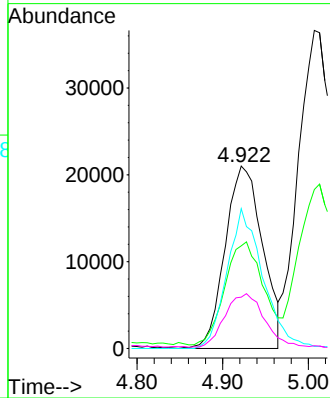
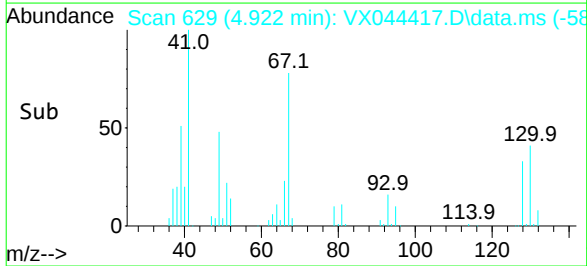
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS



Tgt Ion: 41 Resp: 63751
Ion Ratio Lower Upper
41 100
39 59.4 44.2 66.4
67 74.6 57.2 85.8
52 30.8 24.6 37.0

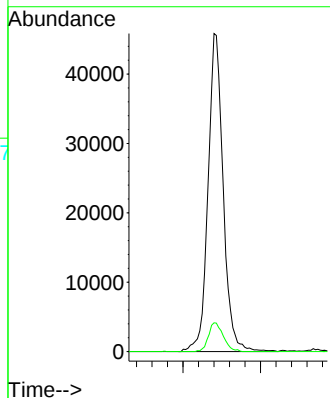
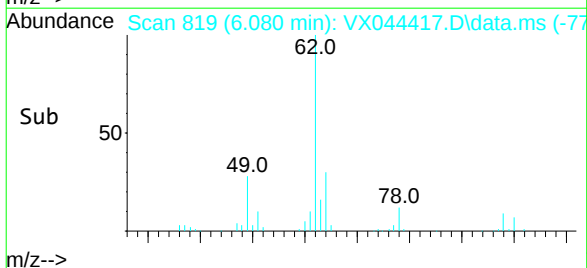
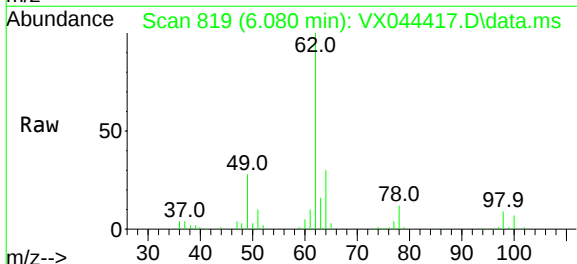
Manual Integrations
APPROVED

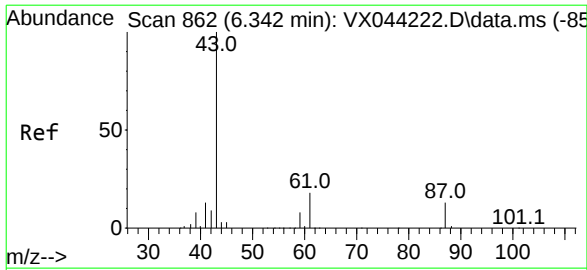
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#42
1,2-Dichloroethane
Concen: 52.015 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Tgt Ion: 62 Resp: 124414
Ion Ratio Lower Upper
62 100
98 8.9 0.0 15.8





#43

Isopropyl Acetate

Concen: 46.279 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

Instrument :

MSVOA_X

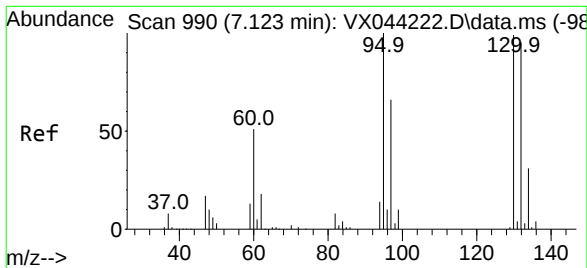
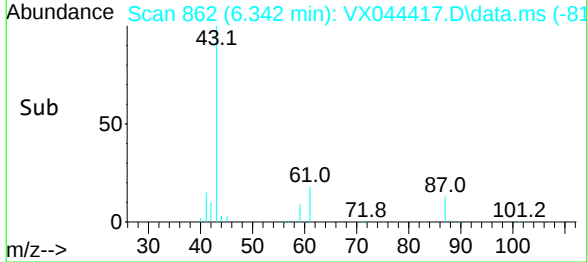
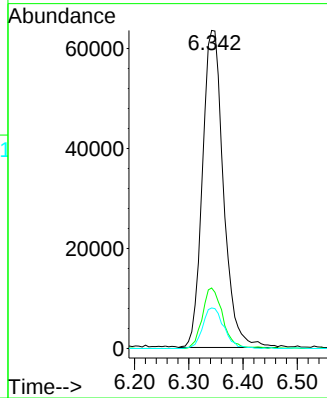
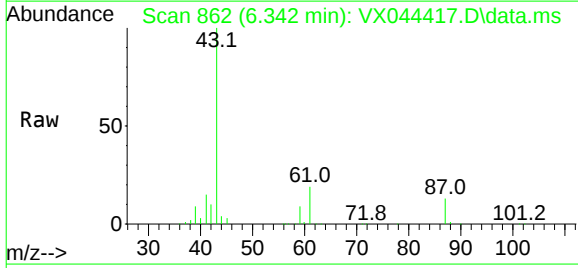
ClientSampleId :

RE132D5-20241217MS

Tgt Ion:	43	Resp:	170996
Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.2	21.2
87	12.9	10.2	15.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#44

Trichloroethene

Concen: 188.381 ug/l

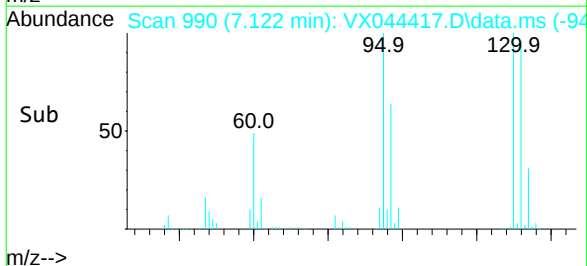
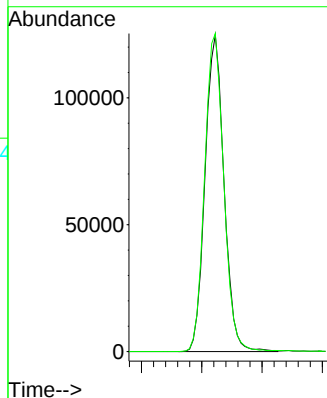
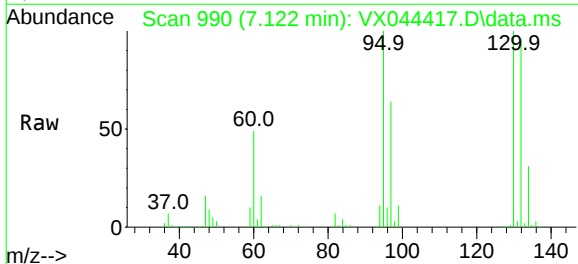
RT: 7.122 min Scan# 990

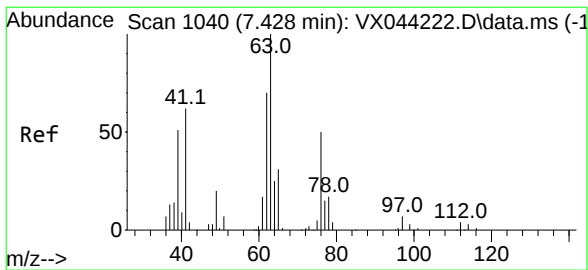
Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

Tgt Ion:	130	Resp:	272774
Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	201.4





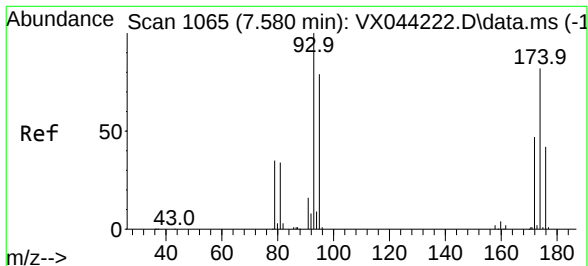
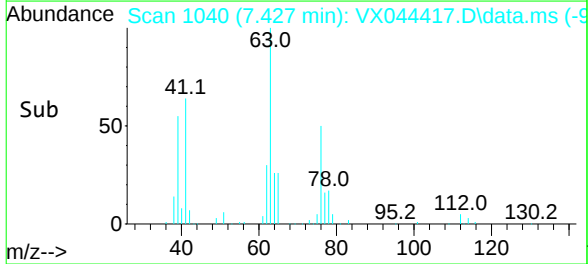
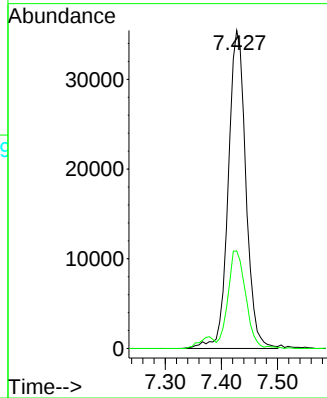
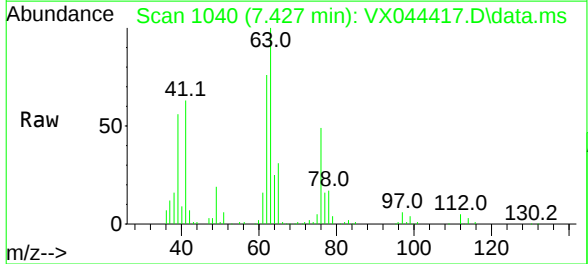
#45
1,2-Dichloropropane
Concen: 52.158 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS

Tgt Ion: 63 Resp: 77375
Ion Ratio Lower Upper
63 100
65 30.7 24.6 37.0

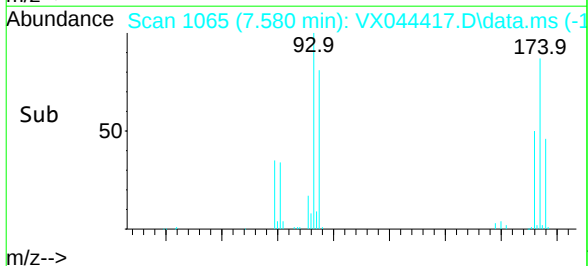
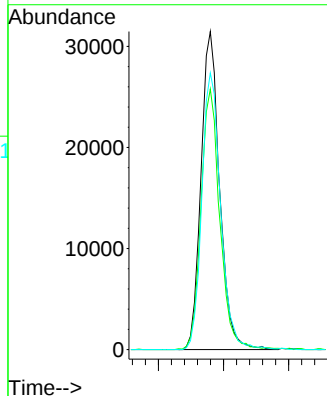
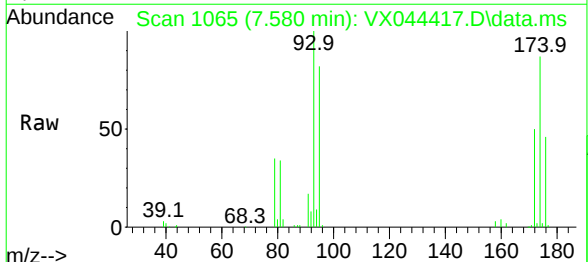
Manual Integrations
APPROVED

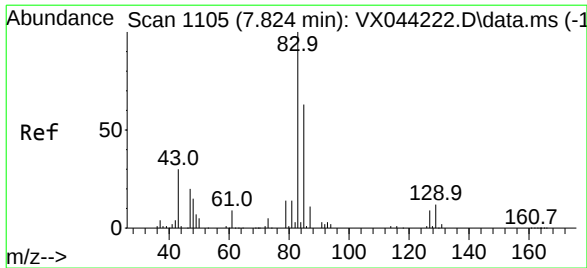
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#46
Dibromomethane
Concen: 54.327 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

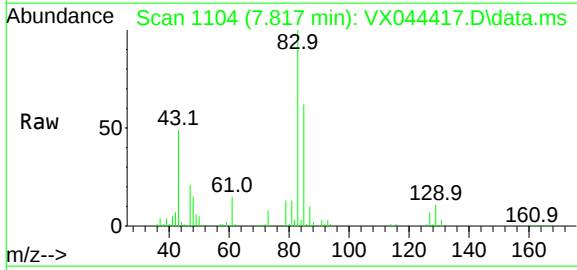
Tgt Ion: 93 Resp: 62524
Ion Ratio Lower Upper
93 100
95 82.4 65.4 98.2
174 88.2 67.9 101.9





#47
Bromodichloromethane
Concen: 54.314 ug/l
RT: 7.817 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

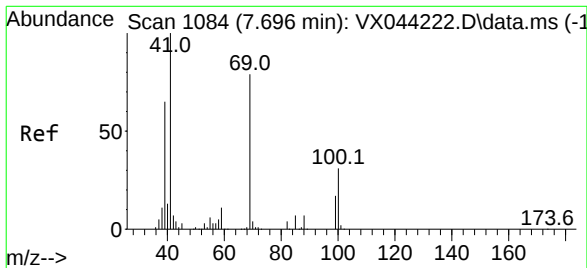
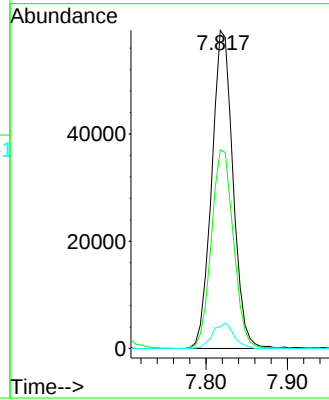
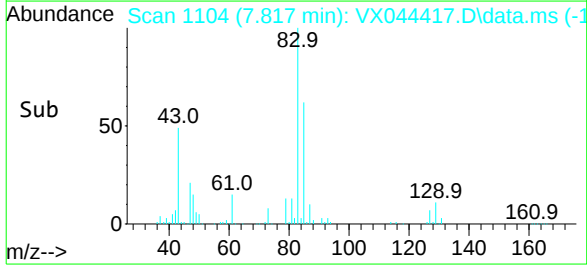
Instrument : MSVOA_X
ClientSampleId : RE132D5-20241217MS



Tgt Ion: 83 Resp: 107956
Ion Ratio Lower Upper
83 100
85 62.4 50.6 75.8
127 6.8 7.3 10.9#

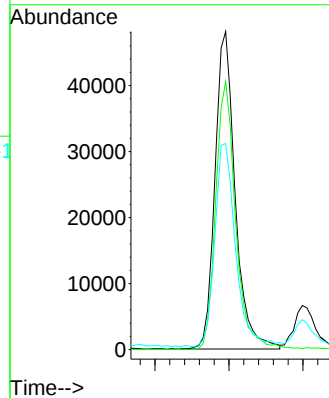
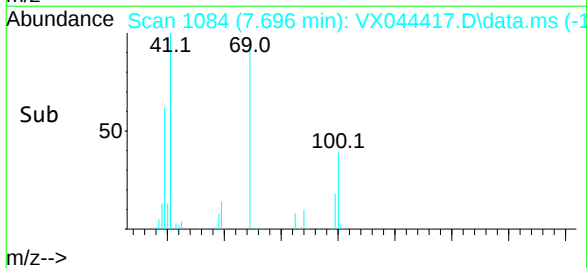
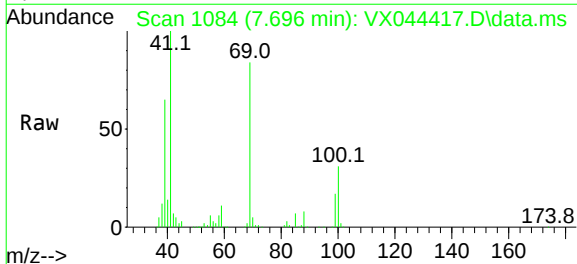
Manual Integrations
APPROVED

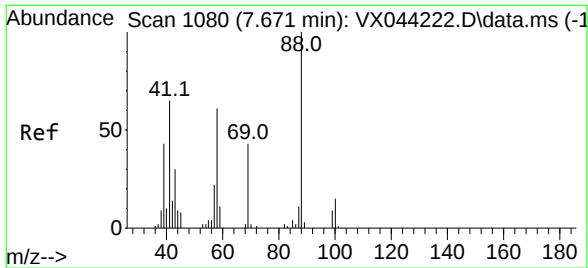
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#48
Methyl methacrylate
Concen: 50.787 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

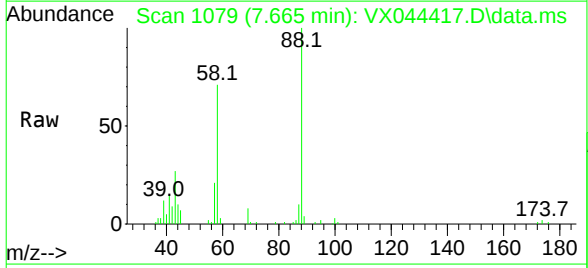
Tgt Ion: 41 Resp: 91092
Ion Ratio Lower Upper
41 100
69 83.6 62.4 93.6
39 66.2 53.3 79.9





#49
1,4-Dioxane
Concen: 956.536 ug/l
RT: 7.665 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

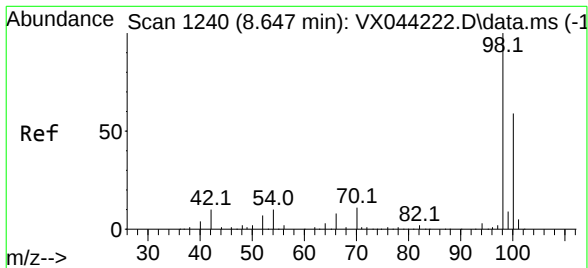
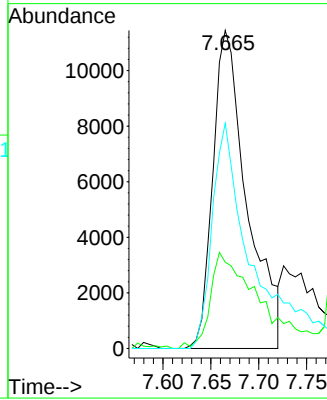
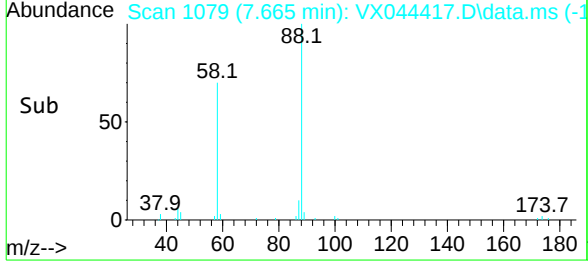
Instrument : MSVOA_X
ClientSampleId : RE132D5-20241217MS



Tgt Ion: 88 Resp: 28445
Ion Ratio Lower Upper
88 100
43 43.2 27.1 40.7#
58 83.2 41.0 61.4#

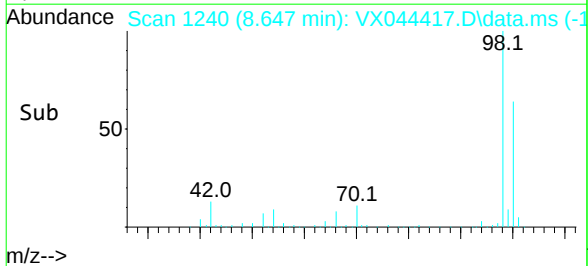
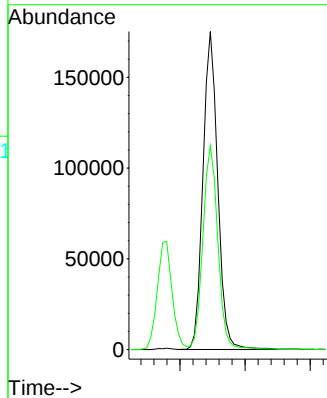
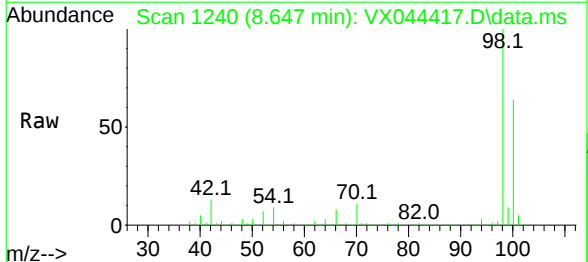
Manual Integrations
APPROVED

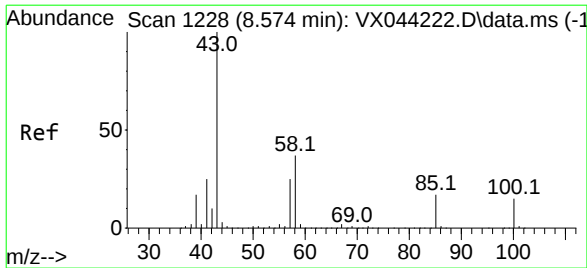
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#50
Toluene-d8
Concen: 55.215 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Tgt Ion: 98 Resp: 275601
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 262.151 ug/l

RT: 8.573 min Scan# 12

Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20241217MS

Tgt Ion: 43 Resp: 622807

Ion Ratio Lower Upper

43 100

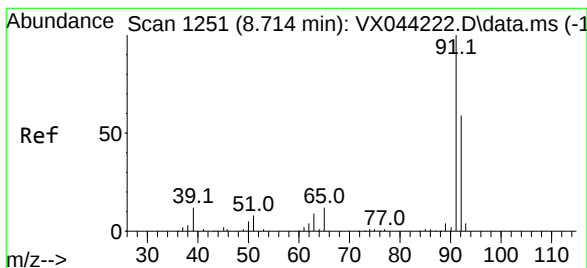
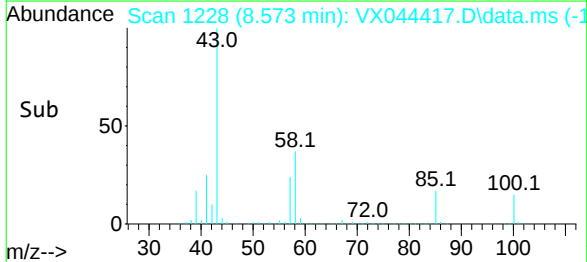
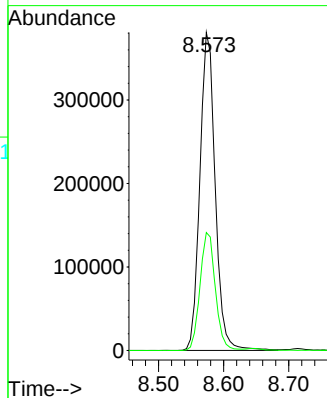
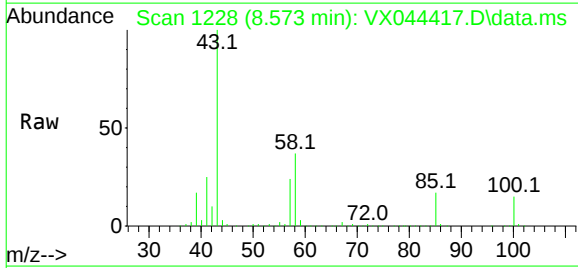
58 37.2 29.4 44.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#52

Toluene

Concen: 53.428 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044417.D

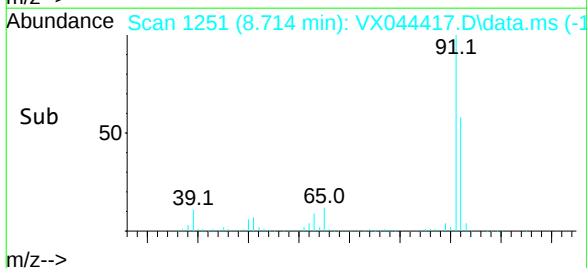
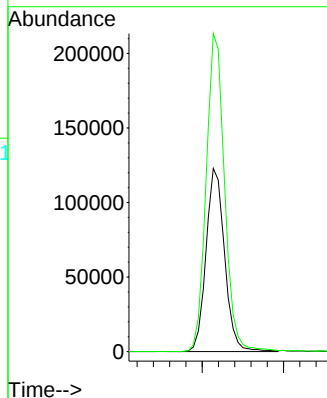
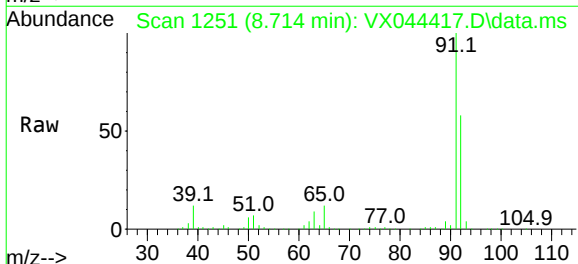
Acq: 19 Dec 2024 06:28

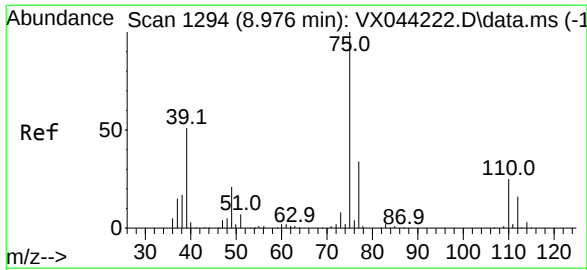
Tgt Ion: 92 Resp: 194818

Ion Ratio Lower Upper

92 100

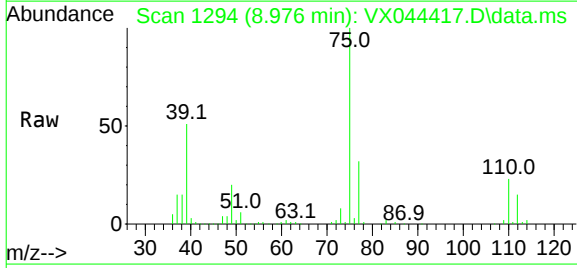
91 172.7 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 45.626 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

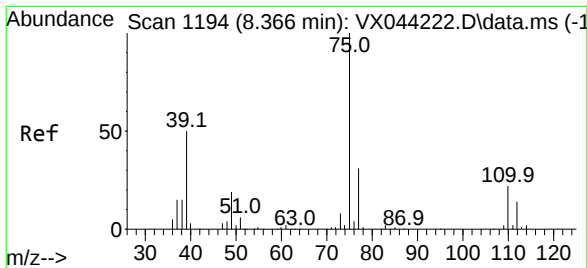
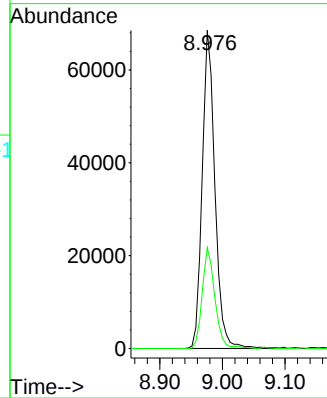
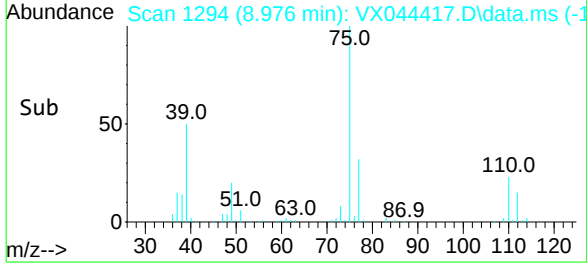
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS



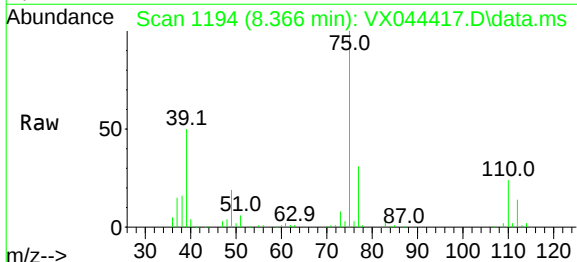
Tgt Ion: 75 Resp: 96722
Ion Ratio Lower Upper
75 100
77 31.7 27.2 40.8

Manual Integrations
APPROVED

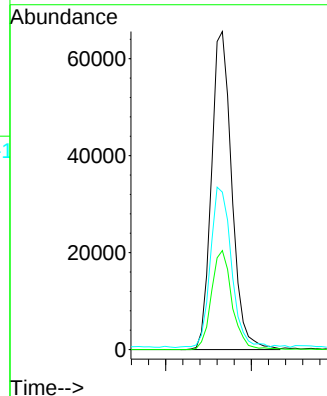
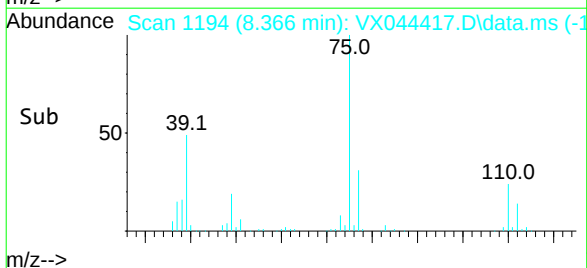
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

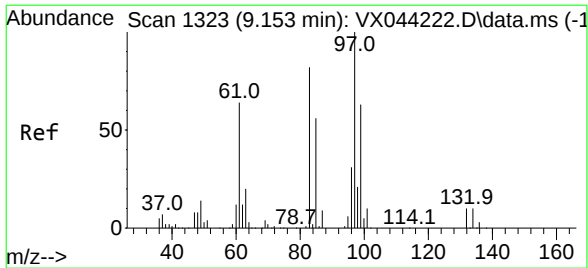


#54
cis-1,3-Dichloropropene
Concen: 50.056 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28



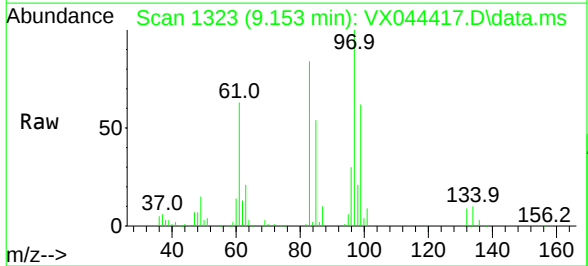
Tgt Ion: 75 Resp: 108330
Ion Ratio Lower Upper
75 100
77 31.1 24.7 37.1
39 48.7 40.3 60.5





#55
 1,1,2-Trichloroethane
 Concen: 54.999 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX044417.D
 Acq: 19 Dec 2024 06:28

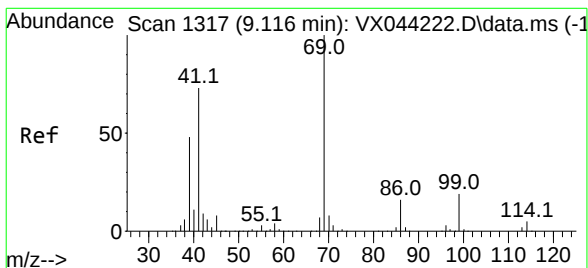
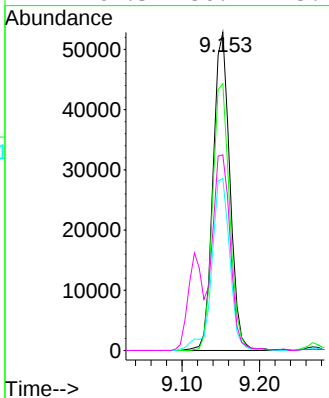
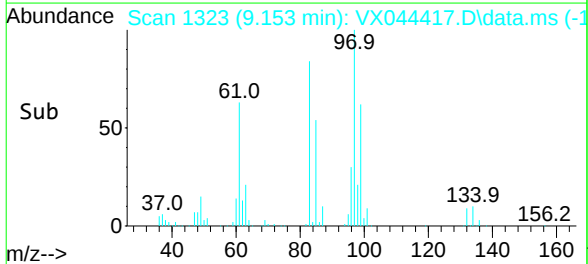
Instrument : MSVOA_X
 ClientSampleId : RE132D5-20241217MS



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.9	65.3	97.9
85	54.1	44.6	67.0
99	61.3	50.2	75.2

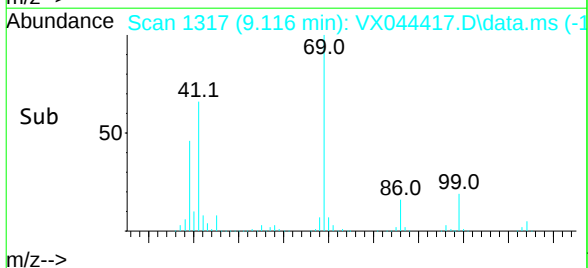
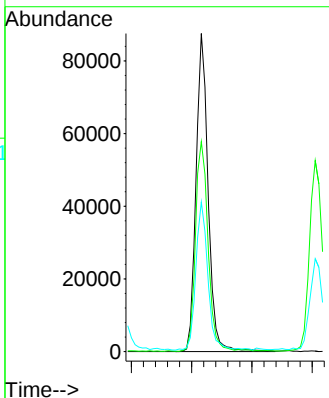
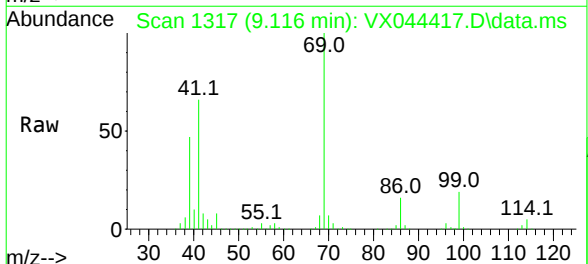
Manual Integrations
 APPROVED

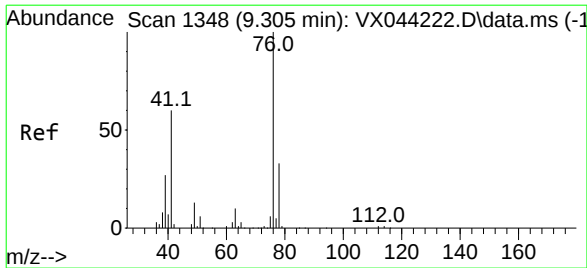
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#56
 Ethyl methacrylate
 Concen: 53.425 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: VX044417.D
 Acq: 19 Dec 2024 06:28

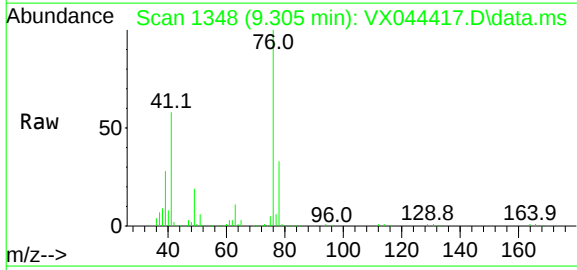
Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.2	56.6	85.0
39	46.3	37.4	56.0





#57
1,3-Dichloropropane
Concen: 52.852 ug/l
RT: 9.305 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

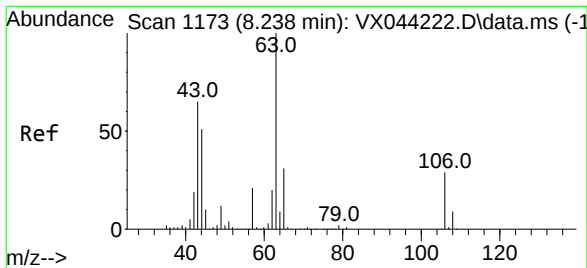
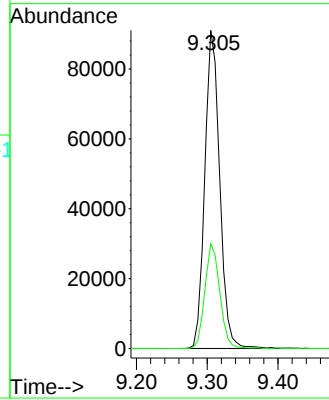
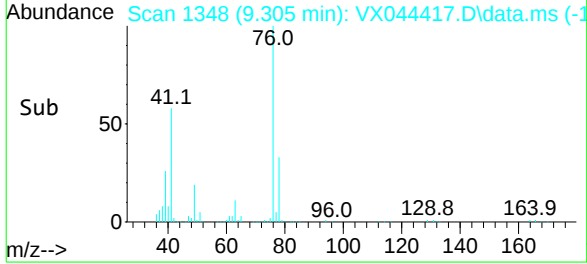
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS



Tgt Ion: 76 Resp: 133261
Ion Ratio Lower Upper
76 100
78 33.1 26.5 39.7

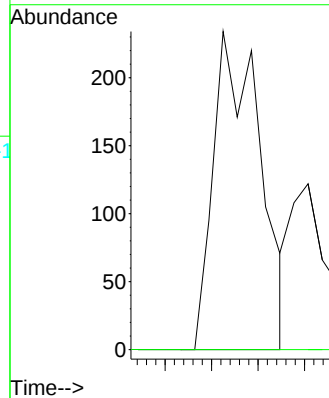
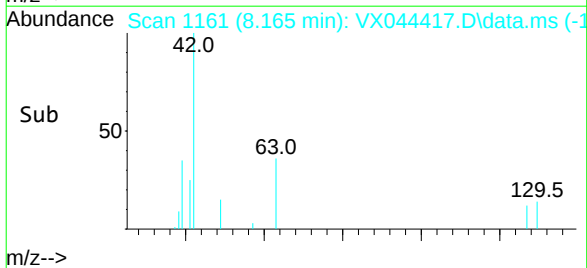
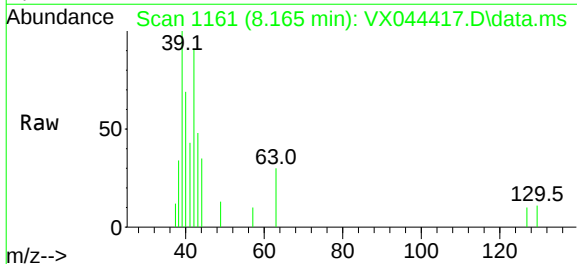
Manual Integrations
APPROVED

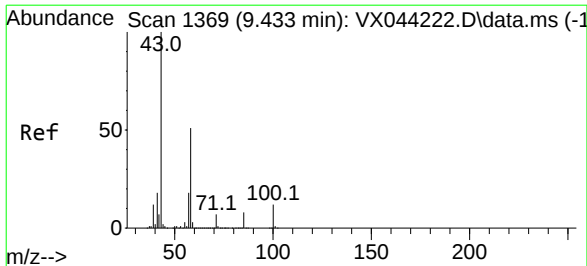
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 0.284 ug/l
RT: 8.165 min Scan# 1161
Delta R.T. -0.073 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Tgt Ion: 63 Resp: 328
Ion Ratio Lower Upper
63 100
106 0.0 22.8 34.2#





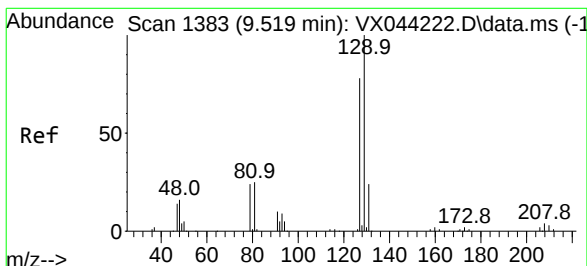
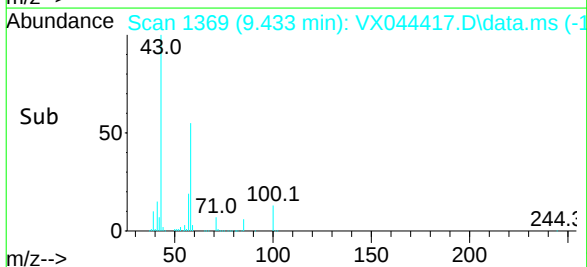
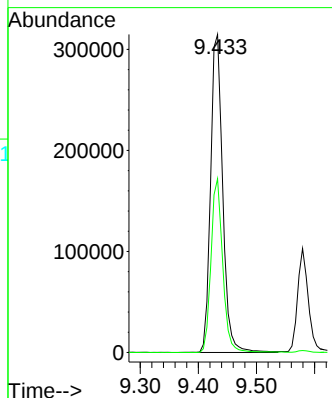
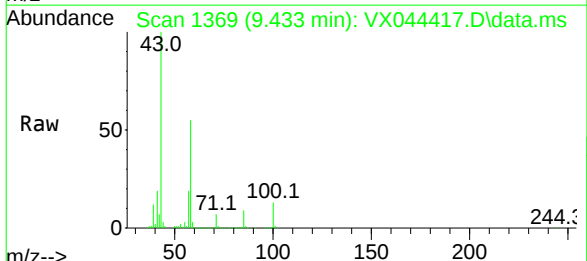
#59
2-Hexanone
Concen: 265.129 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS

Tgt Ion: 43 Resp: 455924
Ion Ratio Lower Upper
43 100
58 53.0 25.7 77.0

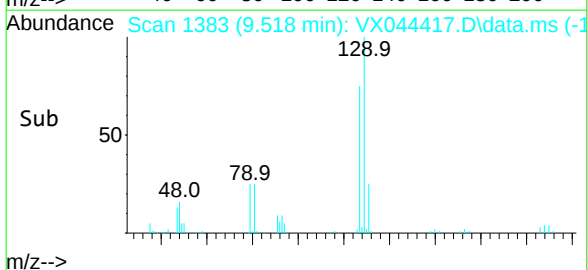
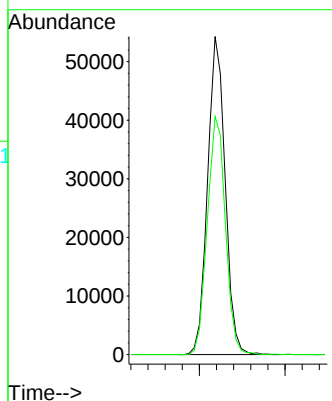
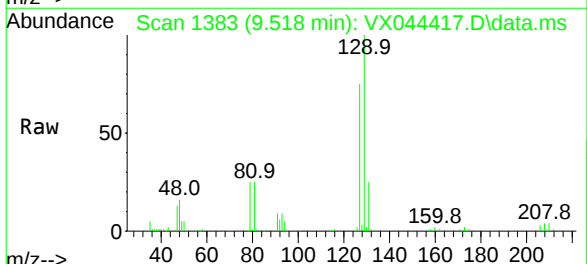
Manual Integrations
APPROVED

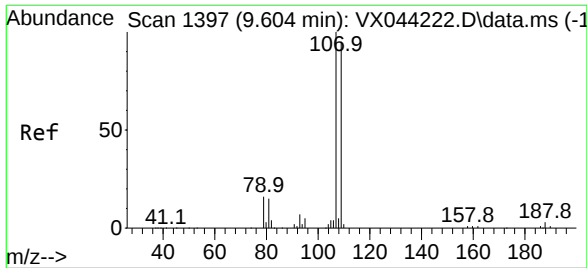
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#60
Dibromochloromethane
Concen: 50.234 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Tgt Ion:129 Resp: 77087
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 54.550 ug/l

RT: 9.610 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20241217MS

Tgt Ion:107 Resp: 80434

Ion Ratio Lower Upper

107 100

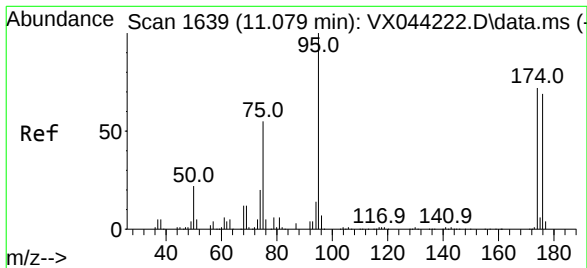
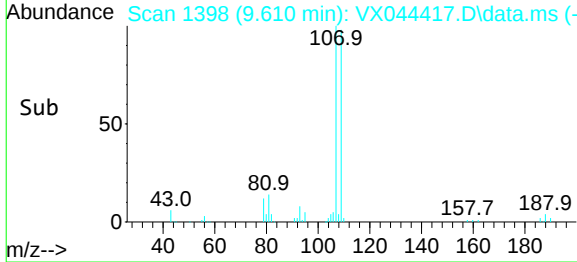
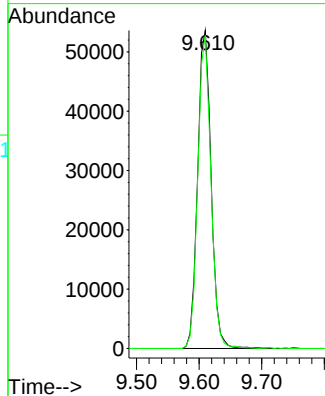
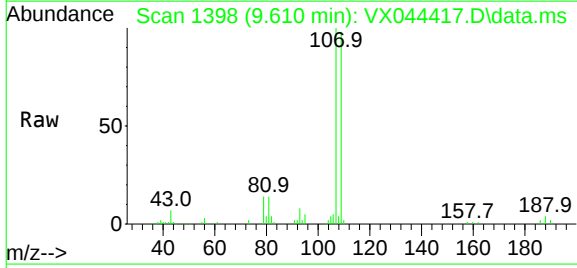
109 95.9 77.0 115.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#62

4-Bromofluorobenzene

Concen: 54.763 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

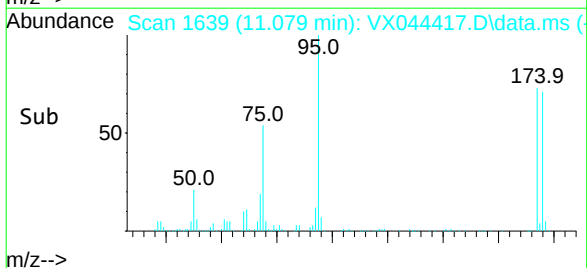
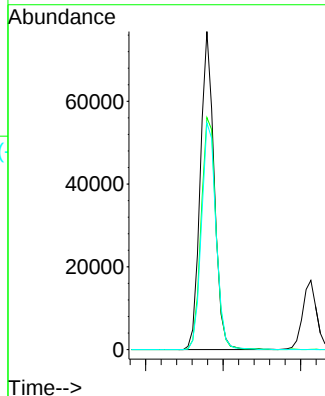
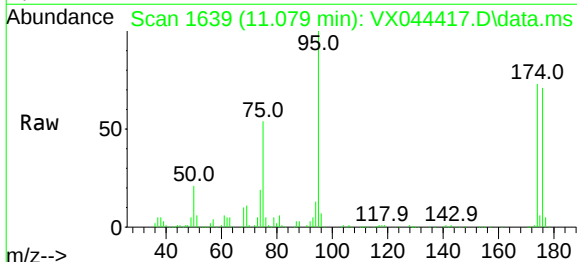
Tgt Ion: 95 Resp: 95512

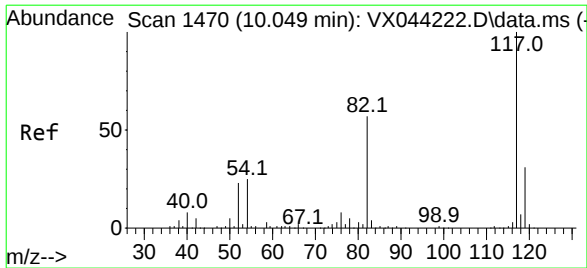
Ion Ratio Lower Upper

95 100

174 78.0 0.0 145.8

176 74.8 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

Instrument :

MSVOA_X

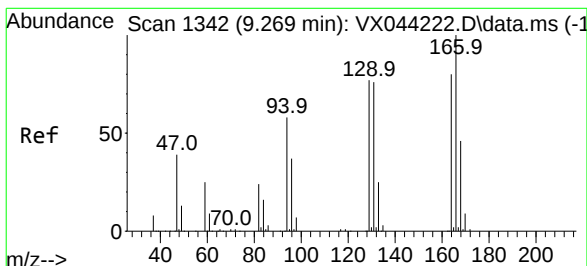
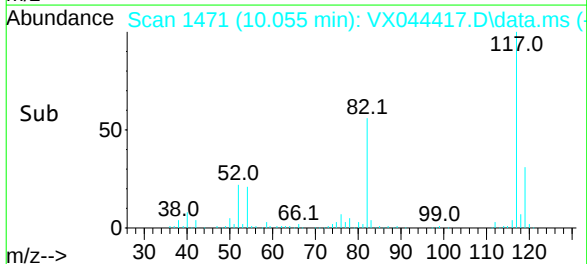
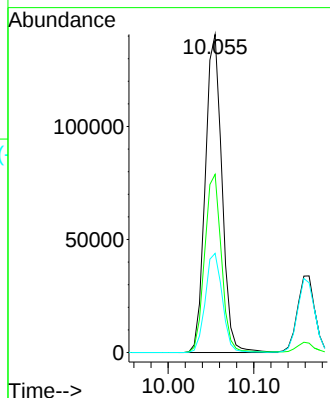
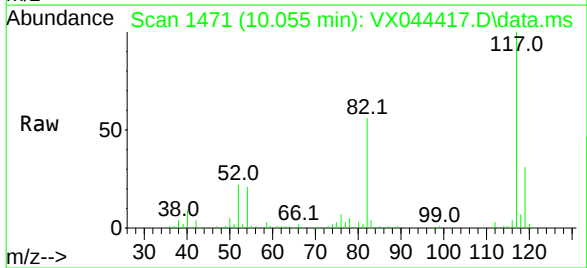
ClientSampleId :

RE132D5-20241217MS

Tgt Ion:	117	Resp:	190465
Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.8	68.8
119	31.2	25.0	37.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#64

Tetrachloroethene

Concen: 51.043 ug/l

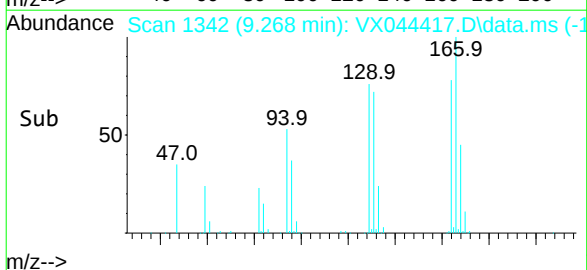
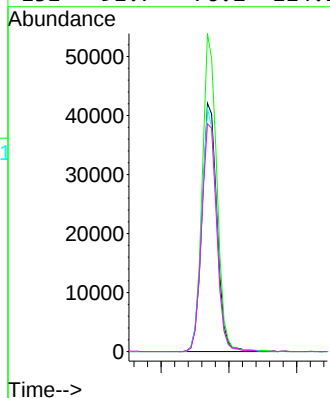
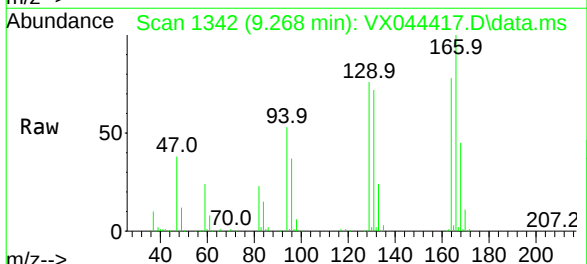
RT: 9.268 min Scan# 1342

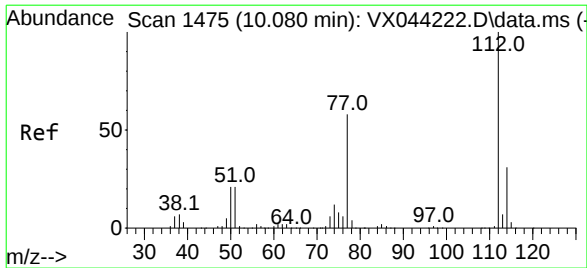
Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

Tgt Ion:	164	Resp:	64526
Ion	Ratio	Lower	Upper
164	100		
166	128.1	100.4	150.6
129	97.9	77.2	115.8
131	91.7	76.2	114.2





#65

Chlorobenzene

Concen: 52.067 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20241217MS

Tgt Ion:112 Resp: 212499

Ion Ratio Lower Upper

112 100

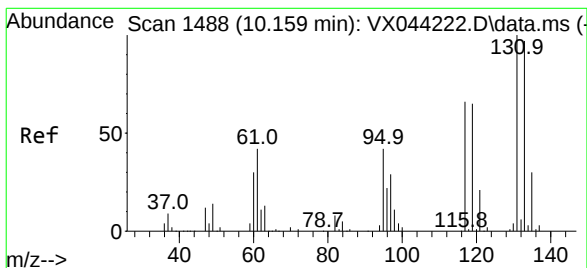
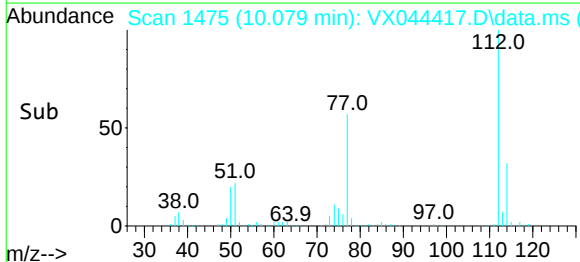
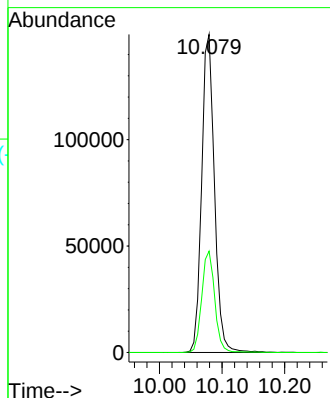
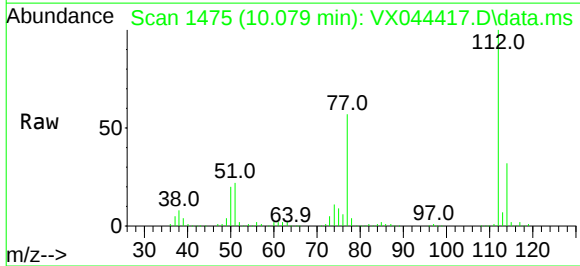
114 31.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 54.299 ug/l

RT: 10.158 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

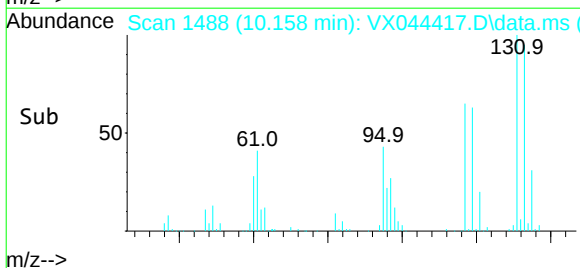
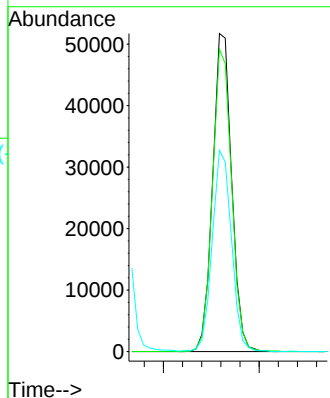
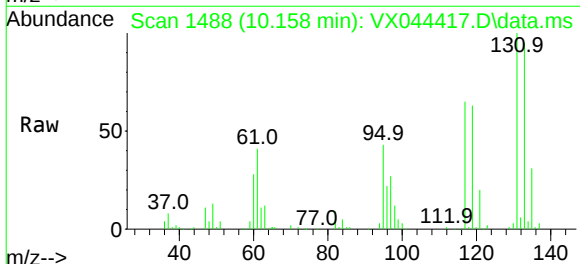
Tgt Ion:131 Resp: 71222

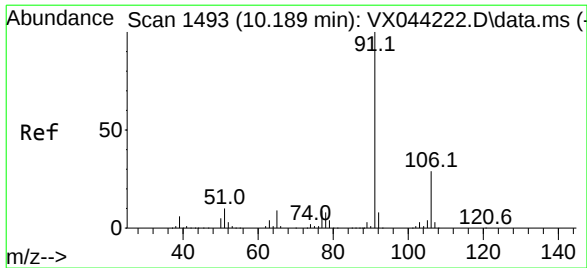
Ion Ratio Lower Upper

131 100

133 95.6 47.3 141.8

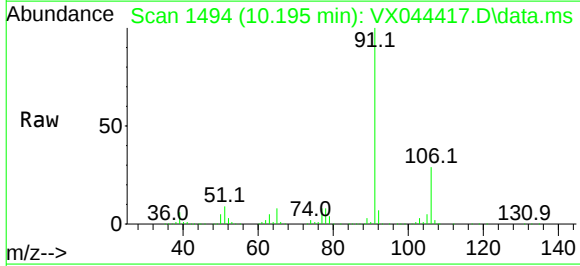
119 64.3 31.6 95.0





#67
Ethyl Benzene
Concen: 51.729 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

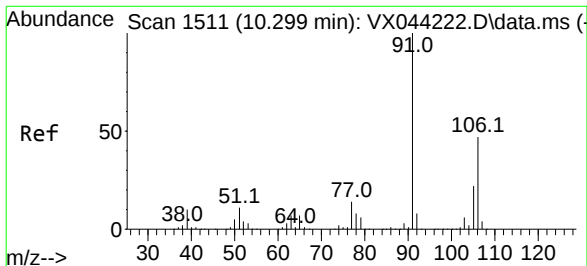
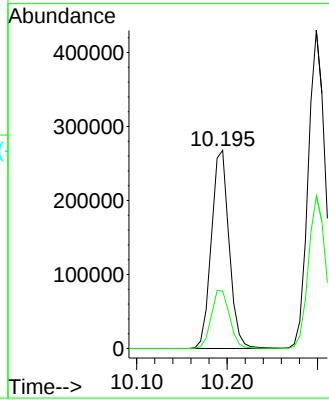
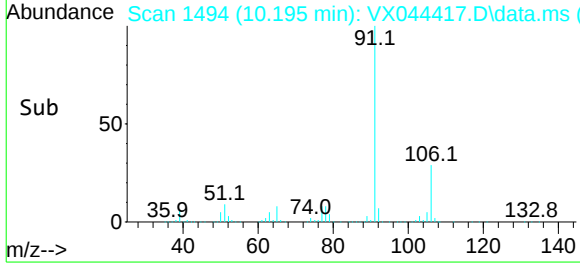
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS



Tgt Ion: 91 Resp: 364782
Ion Ratio Lower Upper
91 100
106 29.0 23.5 35.3

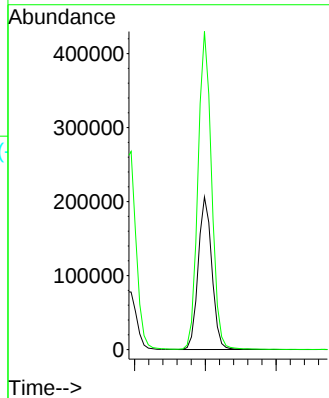
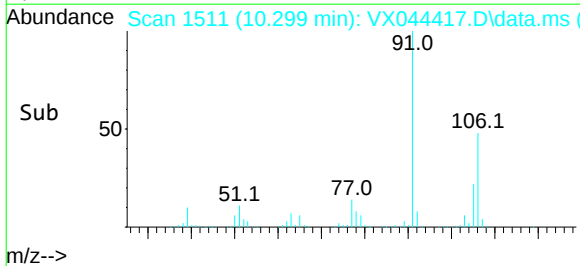
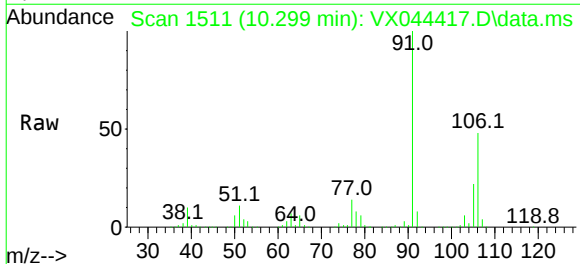
Manual Integrations
APPROVED

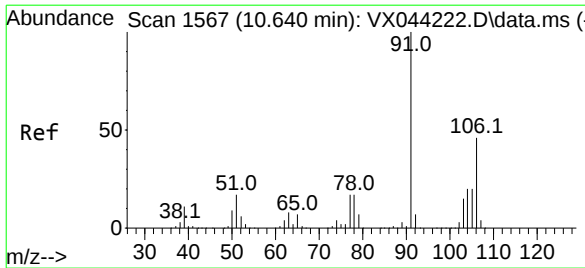
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#68
m/p-Xylenes
Concen: 106.816 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Tgt Ion:106 Resp: 276393
Ion Ratio Lower Upper
106 100
91 206.6 170.2 255.2





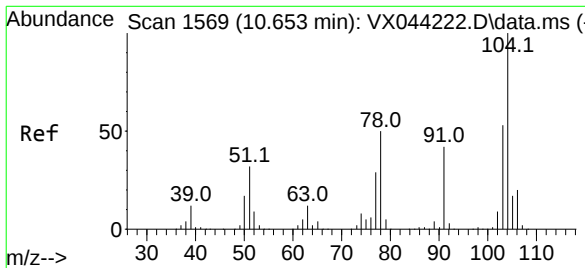
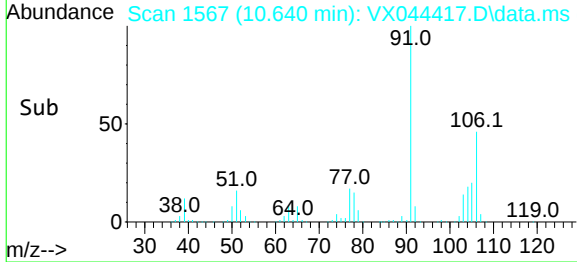
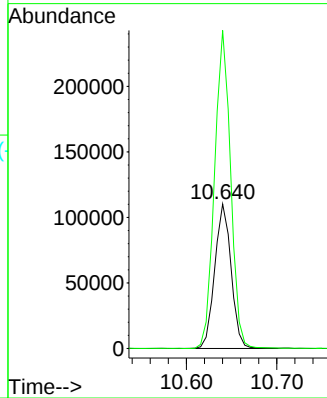
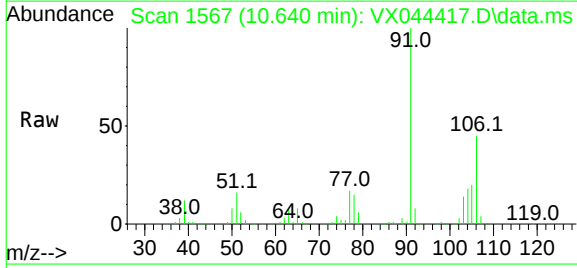
#69
o-Xylene
Concen: 53.138 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS

Tgt Ion:106 Resp: 139121
Ion Ratio Lower Upper
106 100
91 215.9 112.3 337.0

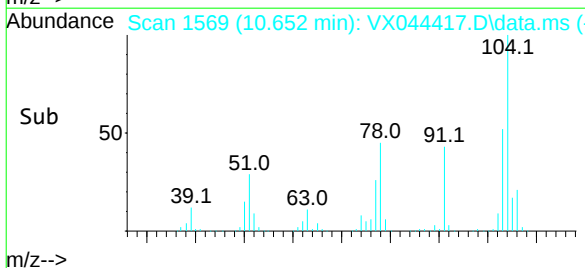
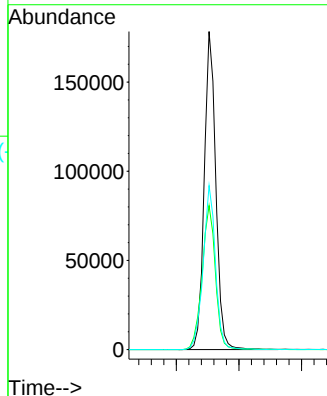
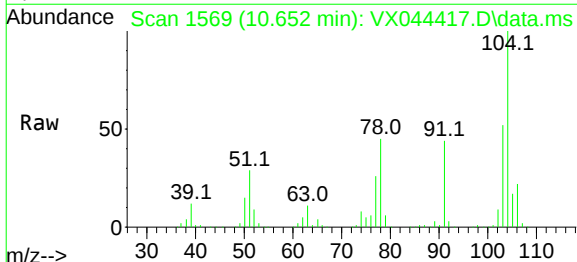
Manual Integrations
APPROVED

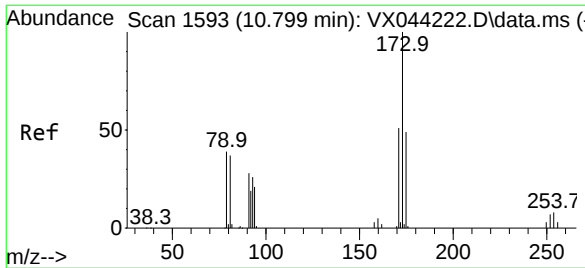
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#70
Styrene
Concen: 54.597 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Tgt Ion:104 Resp: 229145
Ion Ratio Lower Upper
104 100
78 52.2 44.6 67.0
103 55.4 45.4 68.0





#71

Bromoform

Concen: 50.371 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20241217MS

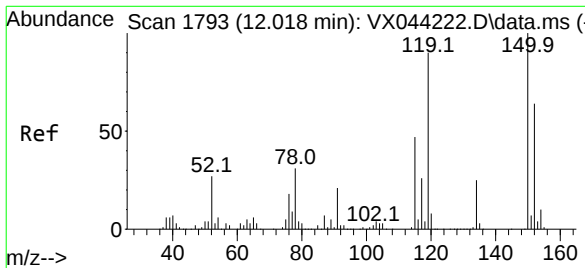
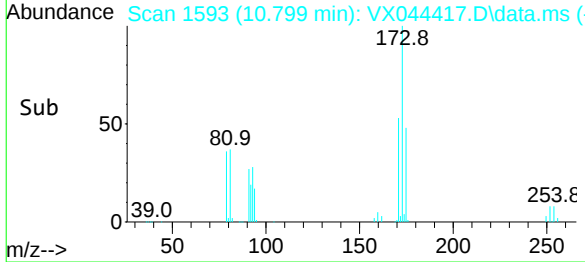
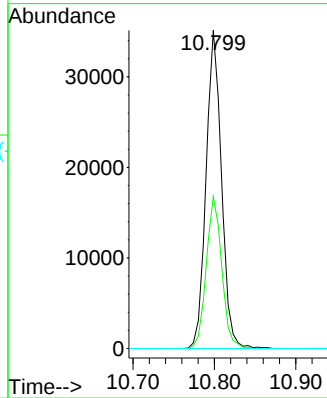
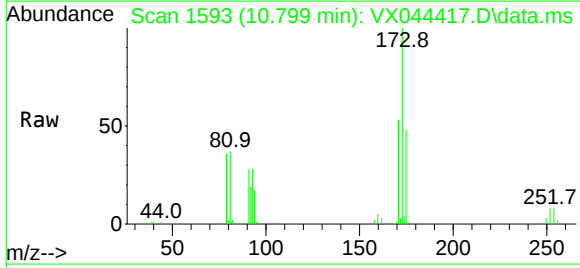
Tgt Ion:	173	Resp:	46210
Ion Ratio	Lower	Upper	
173	100		
175	47.9	23.8	71.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

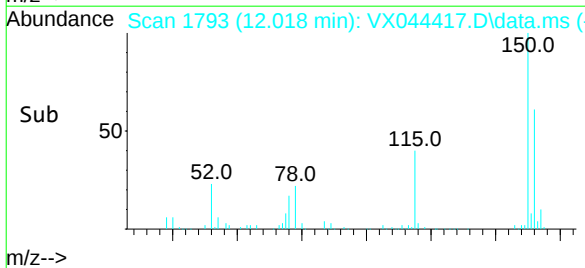
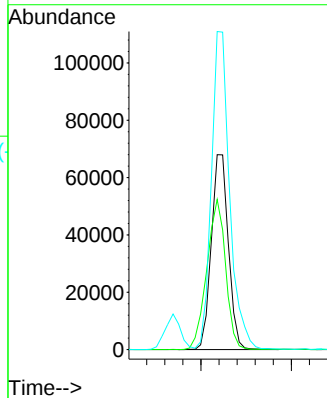
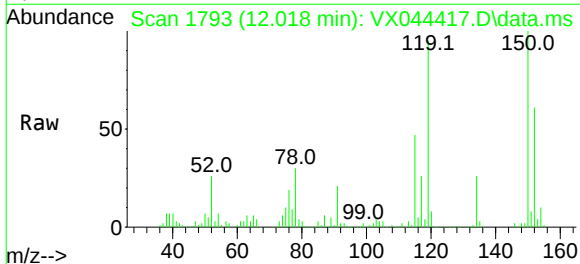
RT: 12.018 min Scan# 1793

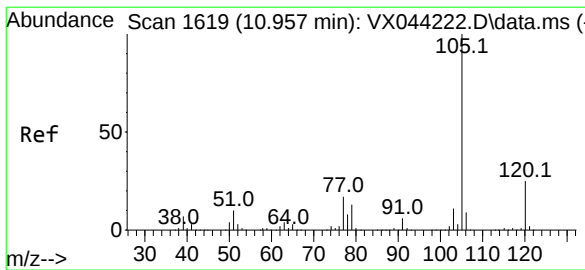
Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

Tgt Ion:	152	Resp:	89259
Ion Ratio	Lower	Upper	
152	100		
115	84.6	44.5	133.3
150	173.8	0.0	353.8





#73

Isopropylbenzene

Concen: 51.758 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20241217MS

Tgt Ion: 105 Resp: 353672

Ion Ratio Lower Upper

105 100

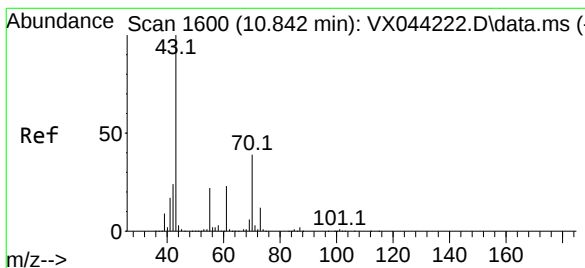
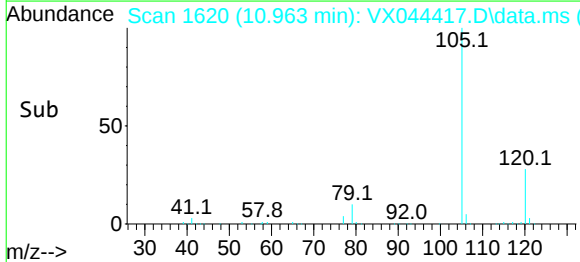
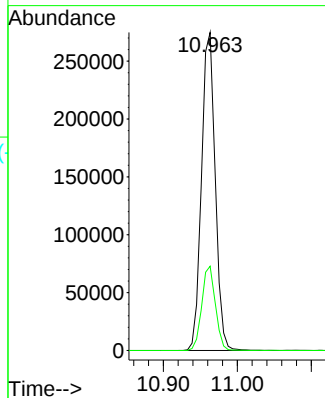
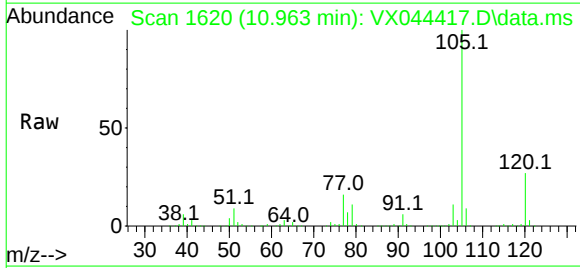
120 26.3 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#74

N-ethyl acetate

Concen: 42.122 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

Tgt Ion: 43 Resp: 133021

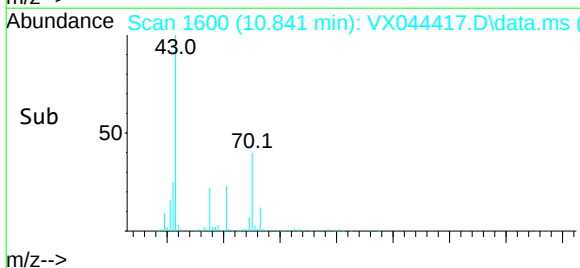
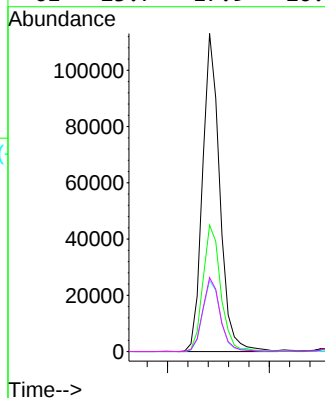
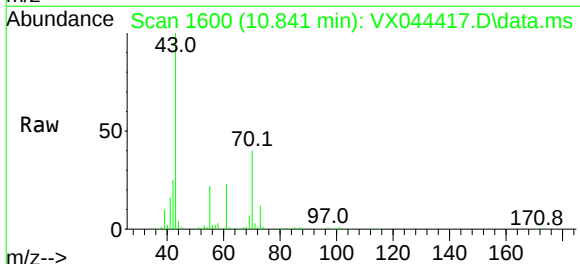
Ion Ratio Lower Upper

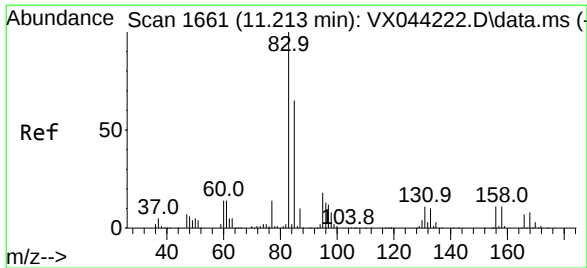
43 100

70 41.3 31.9 47.9

55 23.2 17.9 26.9

61 23.7 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.787 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20241217MS

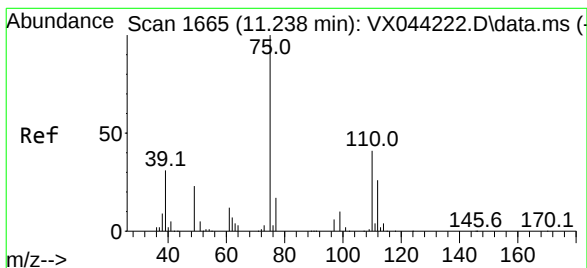
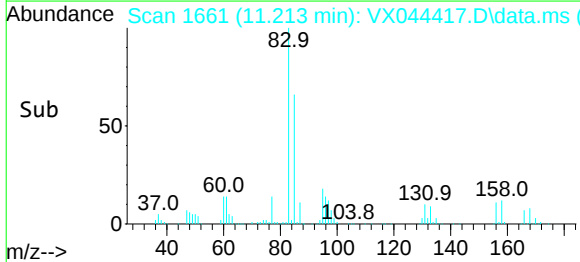
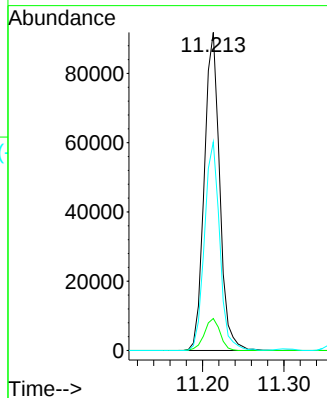
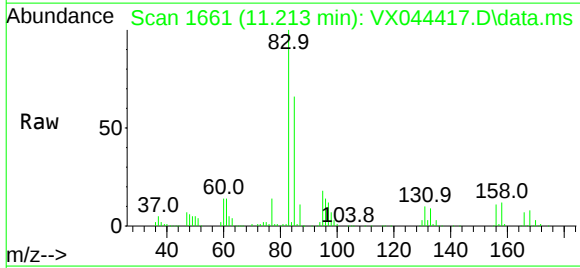
Tgt Ion:	83	Resp:	120537
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.4
85	65.1	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#76

1,2,3-Trichloropropane

Concen: 48.960 ug/l m

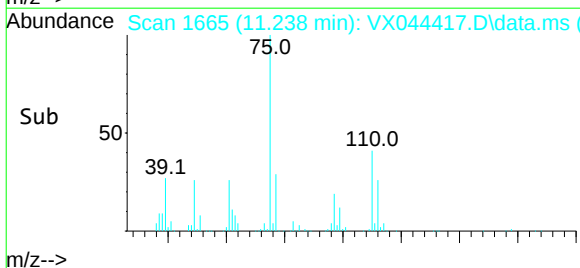
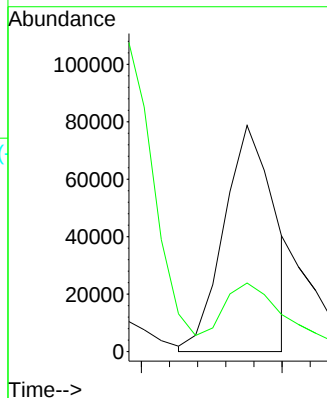
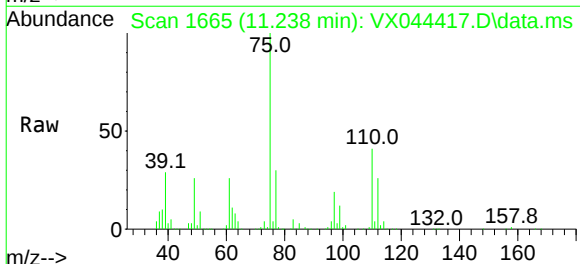
RT: 11.238 min Scan# 1665

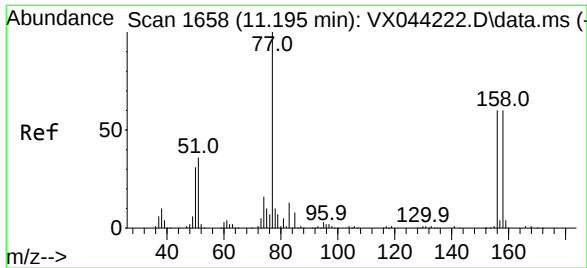
Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

Tgt Ion:	75	Resp:	97575
Ion	Ratio	Lower	Upper
75	100		
77	39.6	20.9	62.7





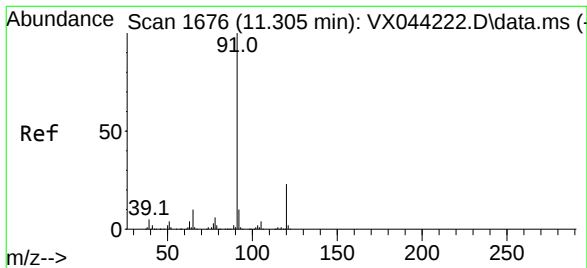
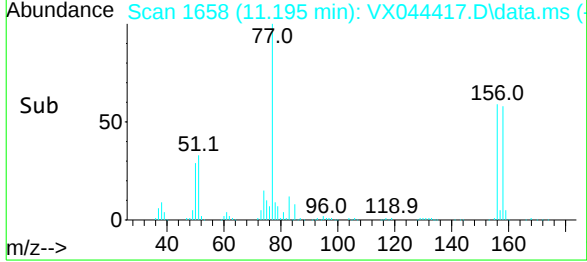
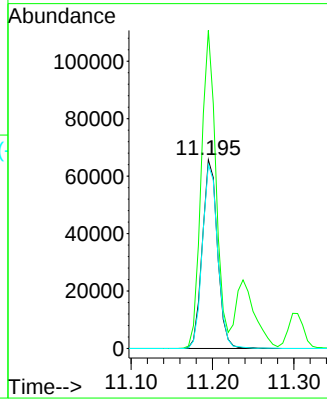
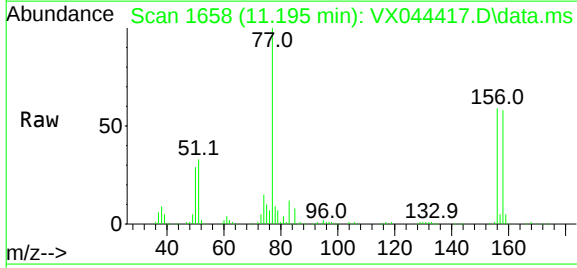
#77
Bromobenzene
Concen: 51.358 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS

Tgt Ion:156 Resp: 85100
Ion Ratio Lower Upper
156 100
77 163.5 82.6 247.8
158 98.1 48.8 146.4

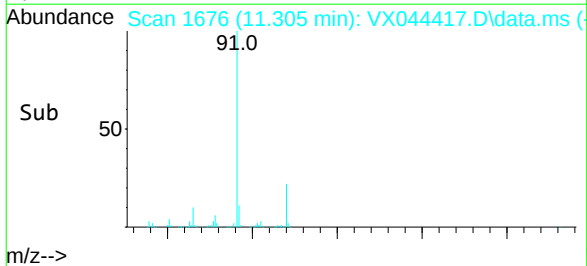
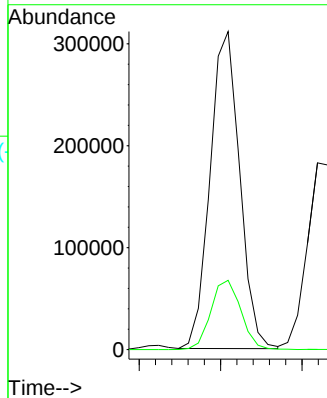
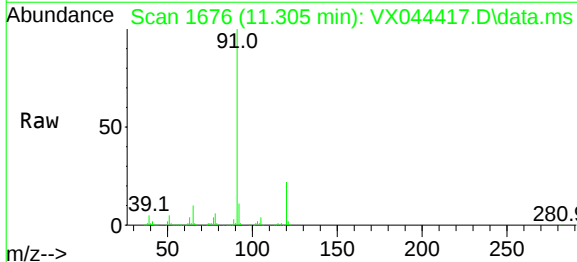
Manual Integrations
APPROVED

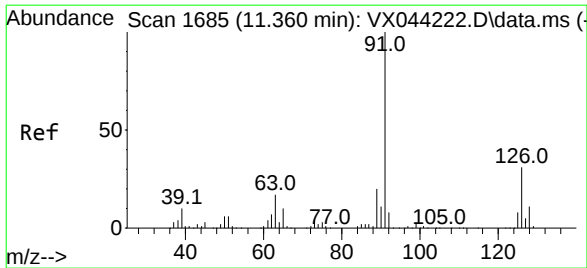
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#78
n-propylbenzene
Concen: 52.064 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Tgt Ion: 91 Resp: 393213
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0





#79

2-Chlorotoluene

Concen: 49.418 ug/l

RT: 11.360 min Scan# 16

Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20241217MS

Tgt Ion: 91 Resp: 241377

Ion Ratio Lower Upper

91 100

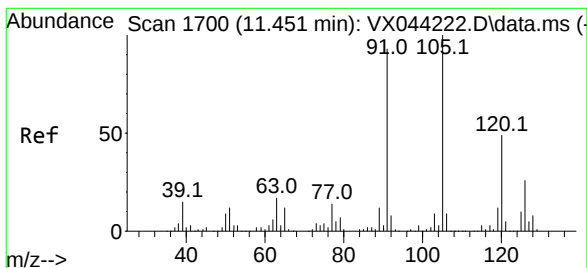
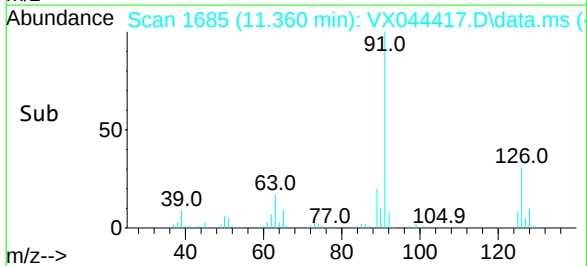
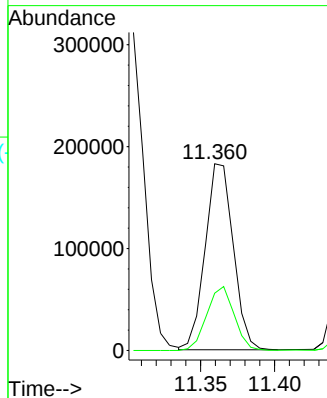
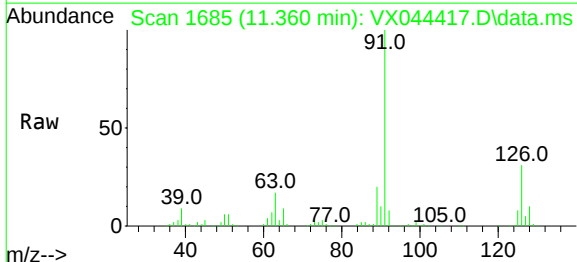
126 33.5 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#80

1,3,5-Trimethylbenzene

Concen: 51.181 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044417.D

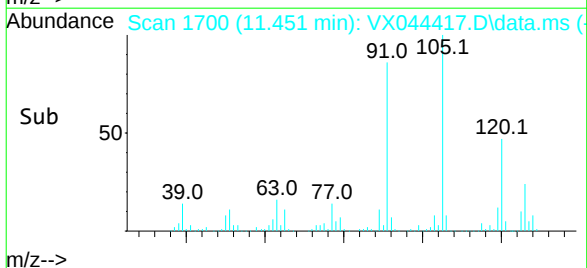
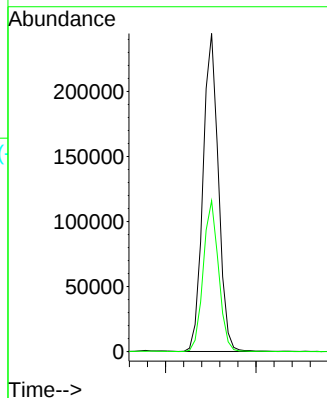
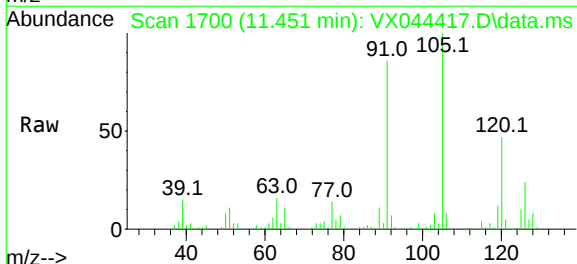
Acq: 19 Dec 2024 06:28

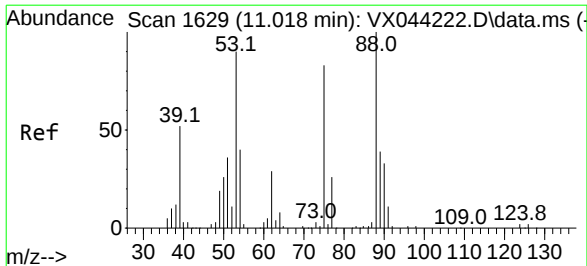
Tgt Ion:105 Resp: 290026

Ion Ratio Lower Upper

105 100

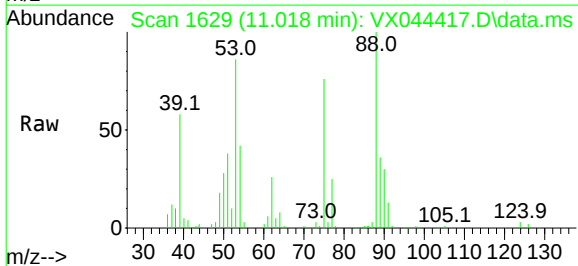
120 47.0 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 37.797 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

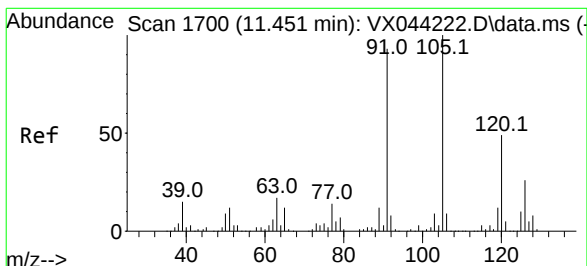
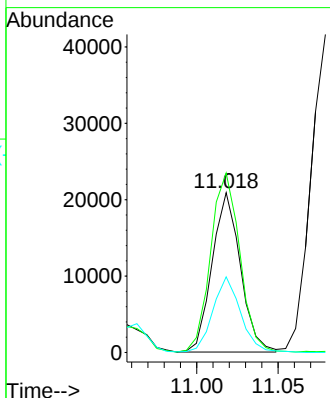
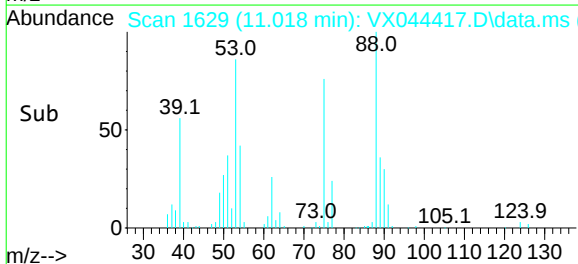
Instrument : MSVOA_X
ClientSampleId : RE132D5-20241217MS



Tgt Ion: 75 Resp: 25222
Ion Ratio Lower Upper
75 100
53 116.0 93.6 140.4
89 47.0 37.3 55.9

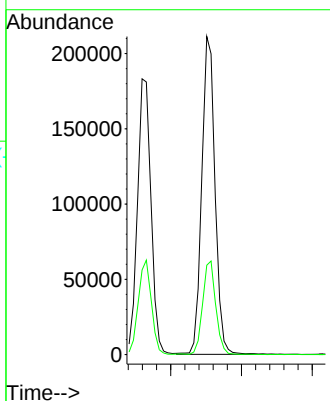
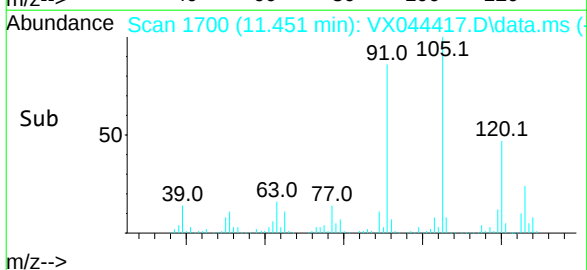
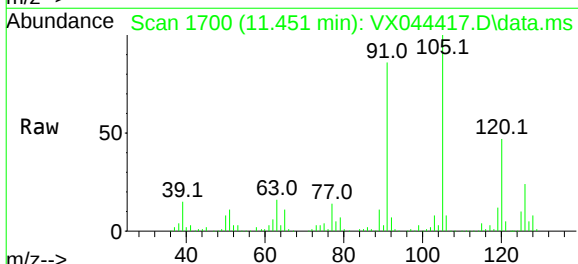
Manual Integrations
APPROVED

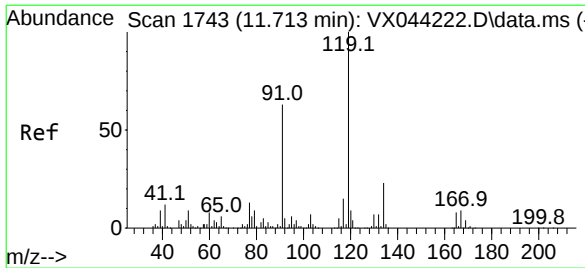
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#82
4-Chlorotoluene
Concen: 50.851 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Tgt Ion: 91 Resp: 275039
Ion Ratio Lower Upper
91 100
126 29.4 14.5 43.5





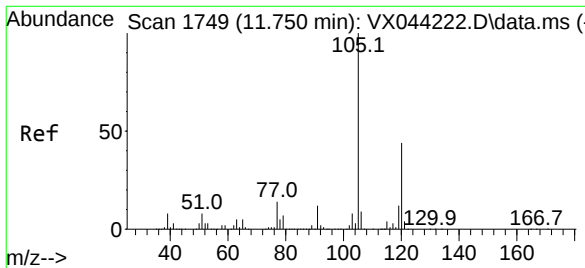
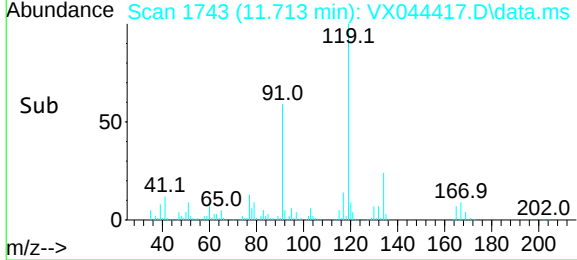
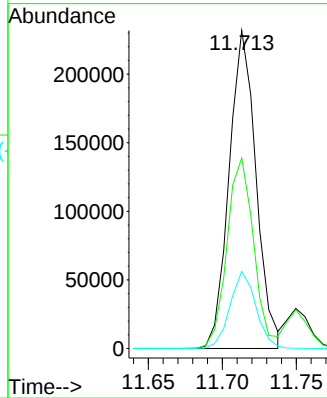
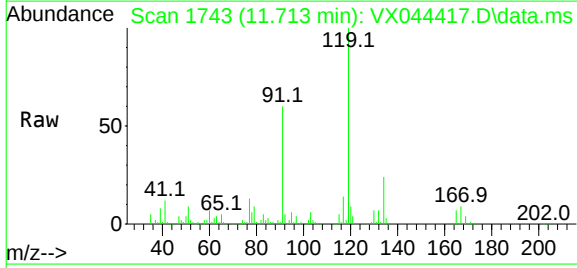
#83
tert-Butylbenzene
Concen: 52.357 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS

Tgt Ion:119 Resp: 293206
Ion Ratio Lower Upper
119 100
91 59.7 30.9 92.5
134 23.4 11.5 34.4

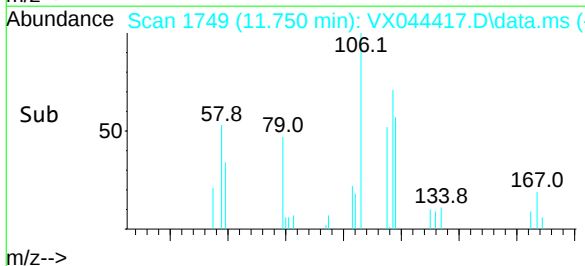
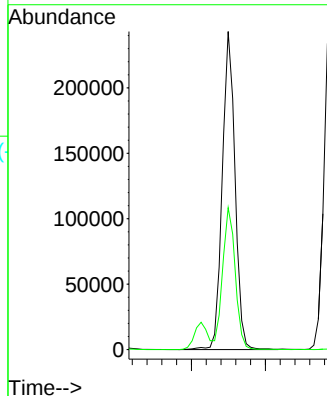
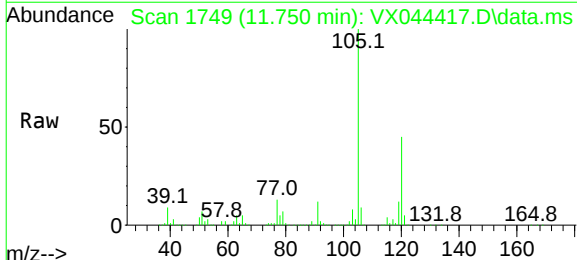
Manual Integrations
APPROVED

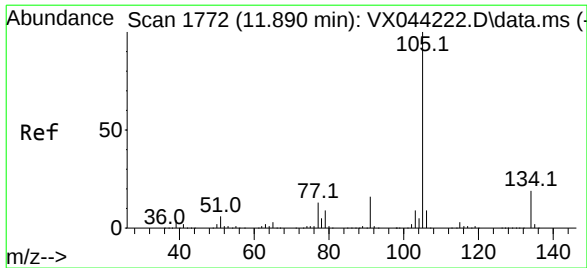
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#84
1,2,4-Trimethylbenzene
Concen: 52.275 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Tgt Ion:105 Resp: 290913
Ion Ratio Lower Upper
105 100
120 44.0 21.7 65.1





#85

sec-Butylbenzene

Concen: 51.163 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20241217MS

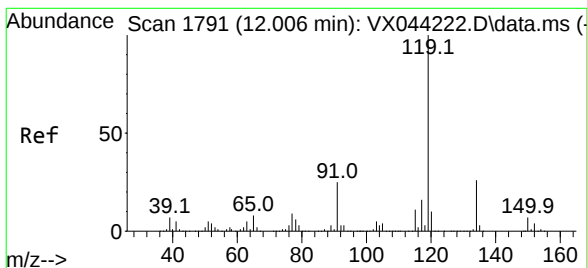
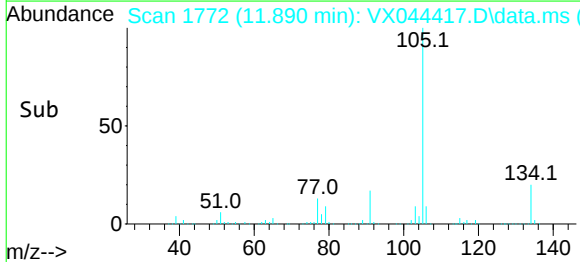
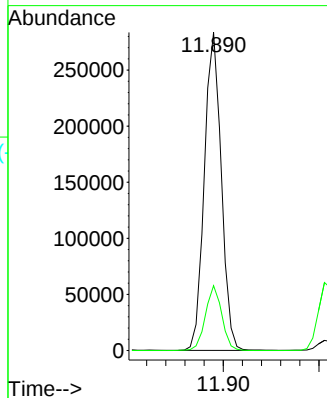
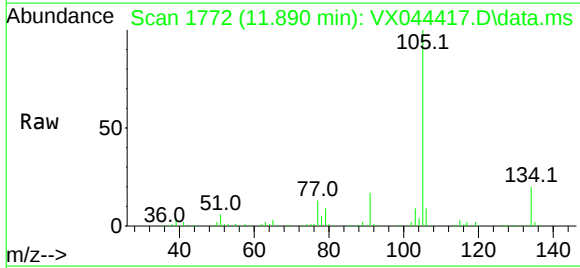
Tgt Ion:105 Resp: 347835
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#86

p-Isopropyltoluene

Concen: 50.779 ug/l

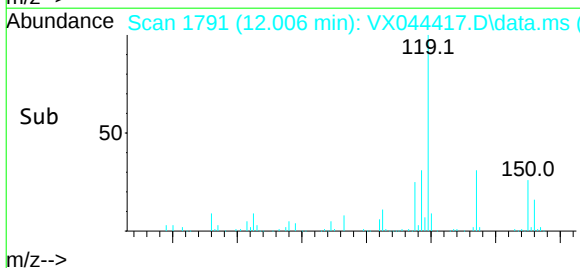
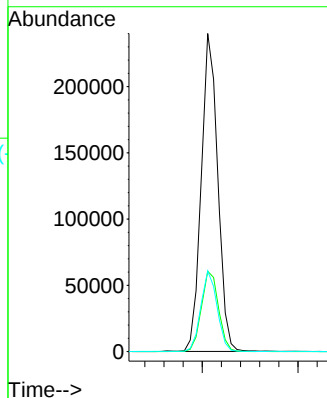
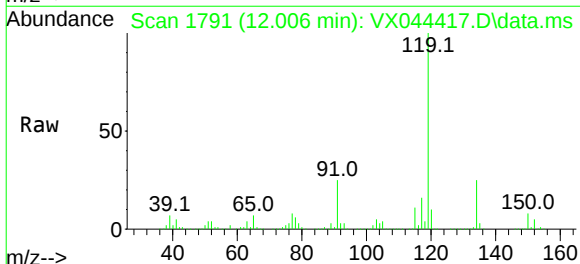
RT: 12.006 min Scan# 1791

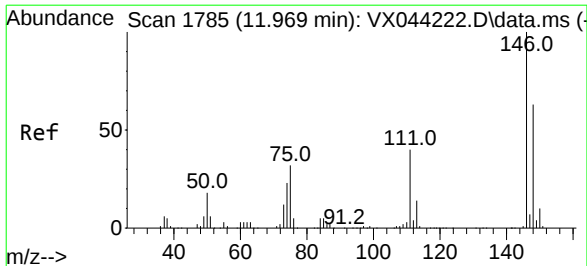
Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

Tgt Ion:119 Resp: 287333
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.4
 91 25.0 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 52.313 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20241217MS

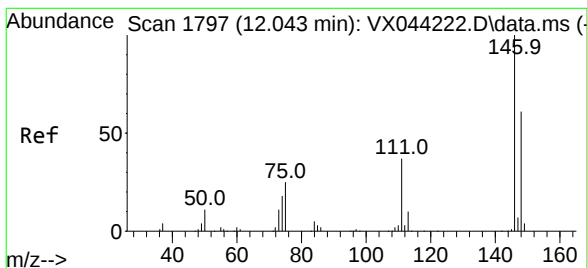
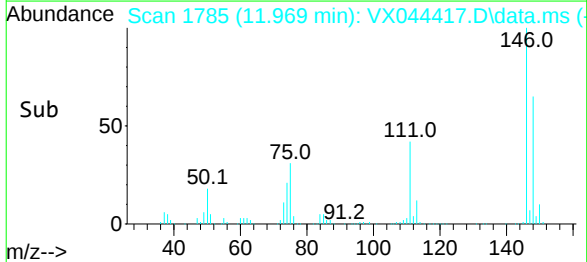
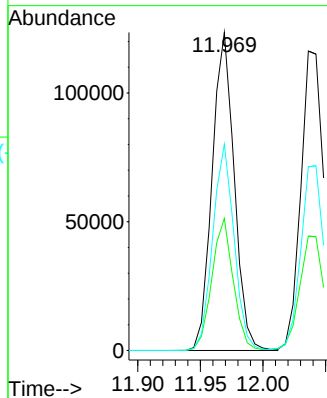
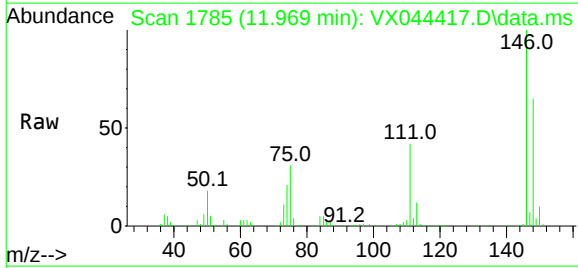
Tgt Ion:	146	Resp:	151413
Ion Ratio	Lower	Upper	
146	100		
111	40.3	21.4	64.2
148	62.9	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#88

1,4-Dichlorobenzene

Concen: 50.911 ug/l

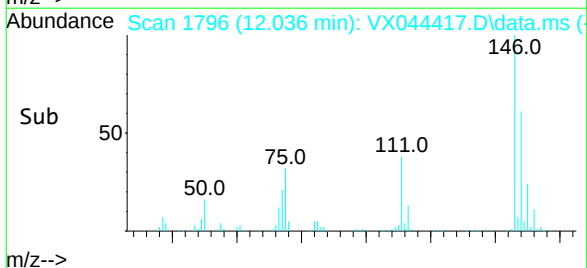
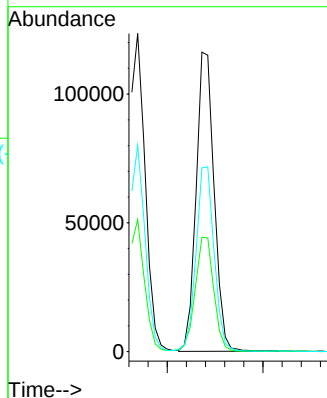
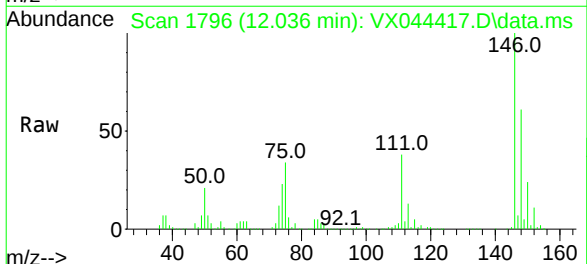
RT: 12.036 min Scan# 1796

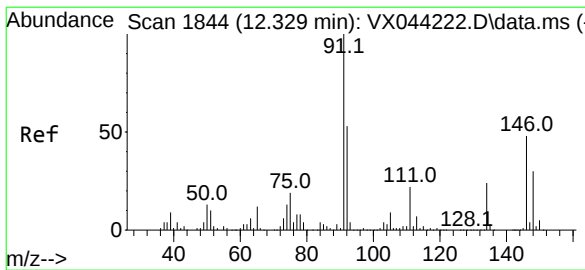
Delta R.T. -0.006 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

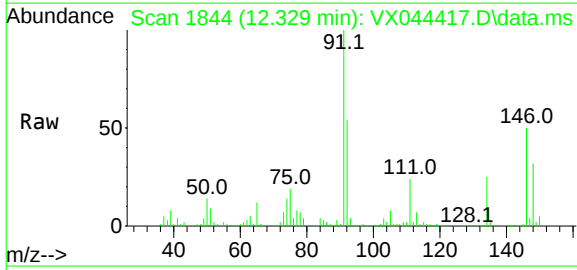
Tgt Ion:	146	Resp:	151478
Ion Ratio	Lower	Upper	
146	100		
111	39.4	21.0	63.0
148	62.1	32.3	96.8





#89
n-Butylbenzene
Concen: 50.400 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

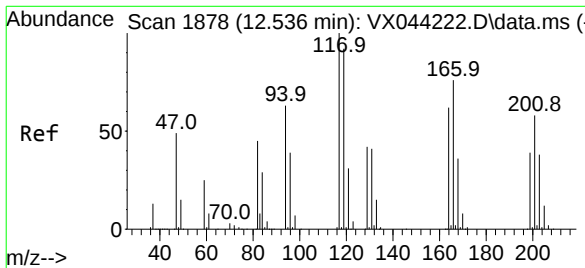
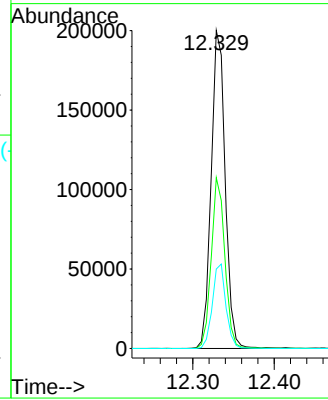
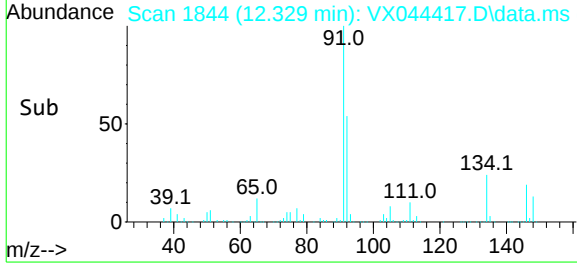
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS



Tgt Ion: 91 Resp: 239808
Ion Ratio Lower Upper
91 100
92 52.1 26.6 79.7
134 25.7 12.6 37.8

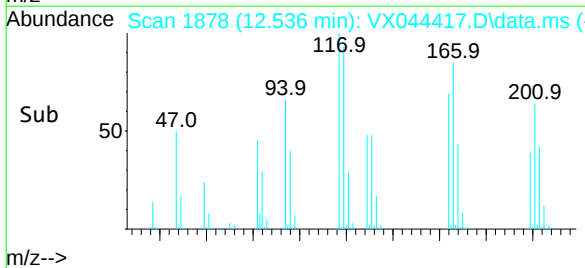
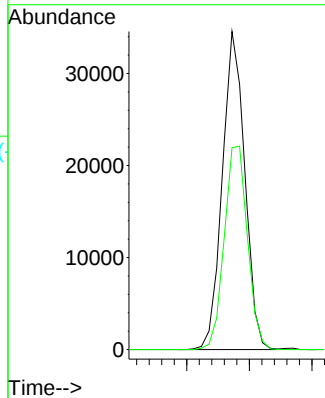
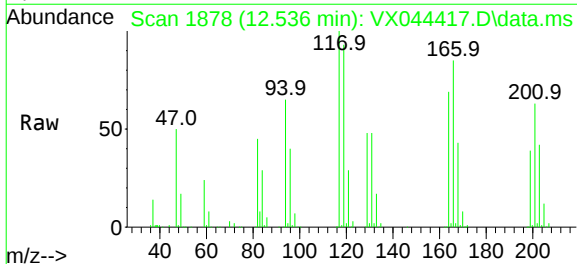
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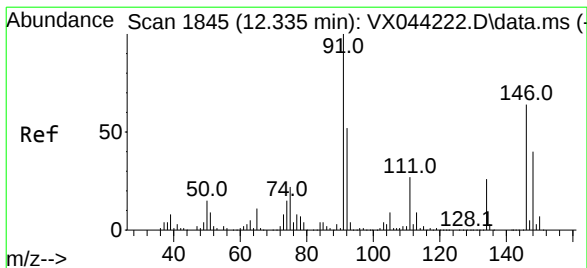
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#90
Hexachloroethane
Concen: 52.138 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Tgt Ion:117 Resp: 43066
Ion Ratio Lower Upper
117 100
201 66.2 31.4 94.2





#91

1,2-Dichlorobenzene

Concen: 50.871 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044417.D

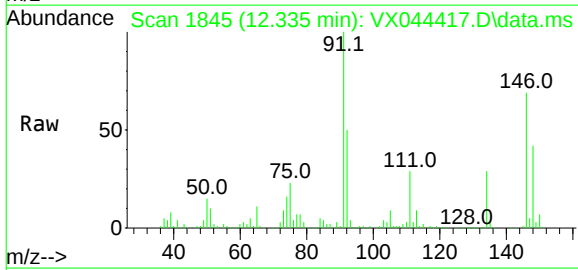
Acq: 19 Dec 2024 06:28

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20241217MS



Tgt Ion:146 Resp: 152884

Ion Ratio Lower Upper

146 100

111 43.3 21.4 64.3

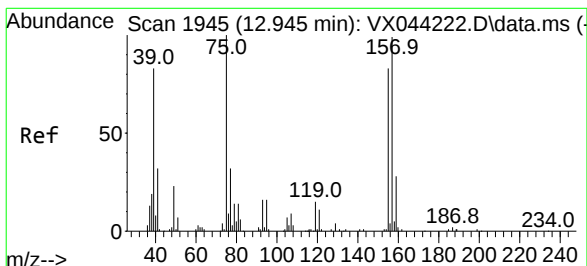
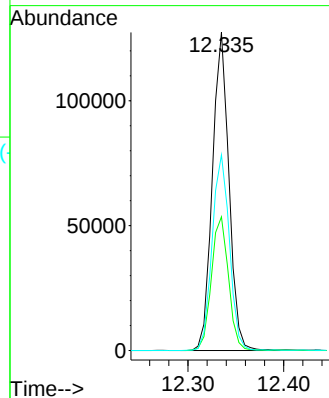
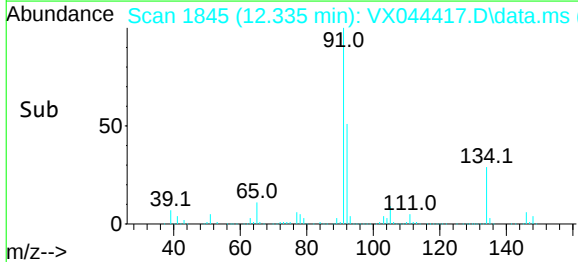
148 64.3 31.6 95.0

Manual Integrations

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Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.254 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

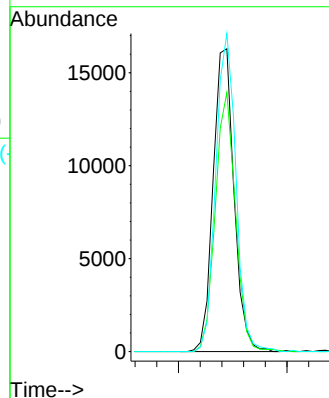
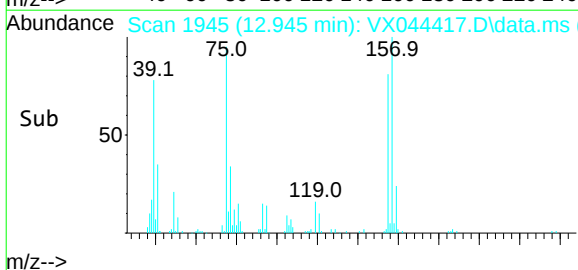
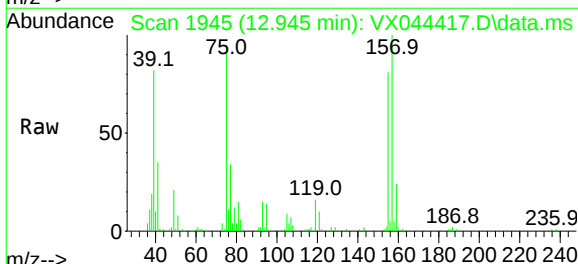
Tgt Ion: 75 Resp: 21771

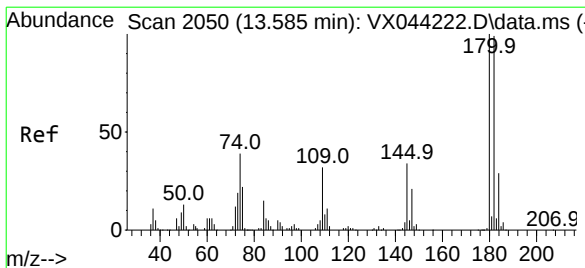
Ion Ratio Lower Upper

75 100

155 82.8 38.1 114.3

157 101.3 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 52.132 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20241217MS

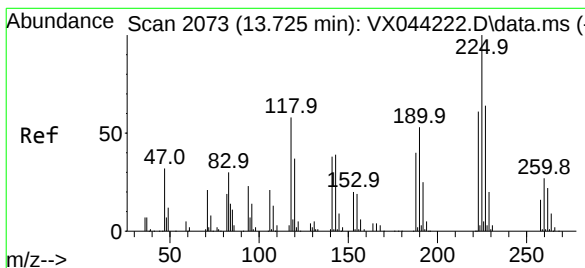
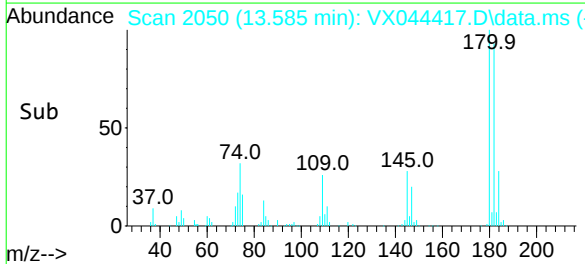
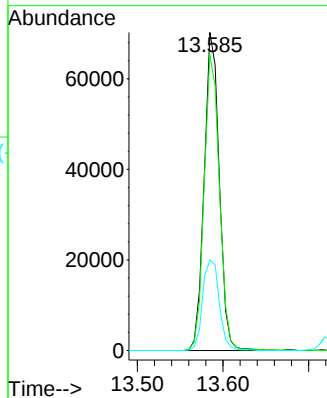
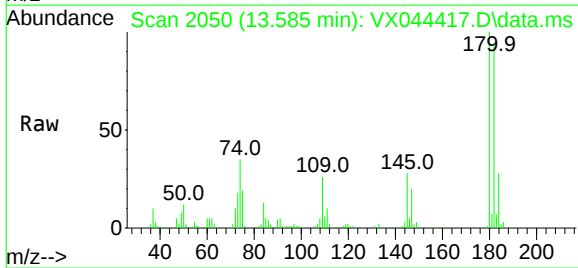
Tgt Ion:	180	Resp:	85895
Ion Ratio	Lower	Upper	
180	100		
182	94.4	48.0	144.2
145	31.3	16.6	49.7

Manual Integrations

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Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#94

Hexachlorobutadiene

Concen: 51.014 ug/l

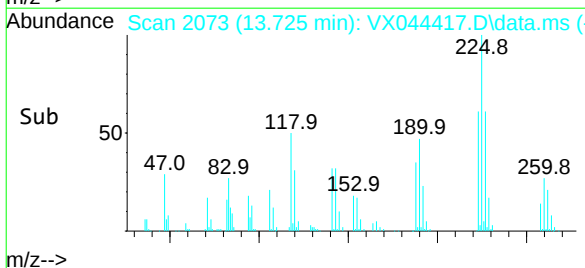
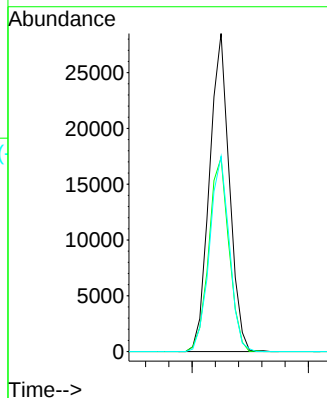
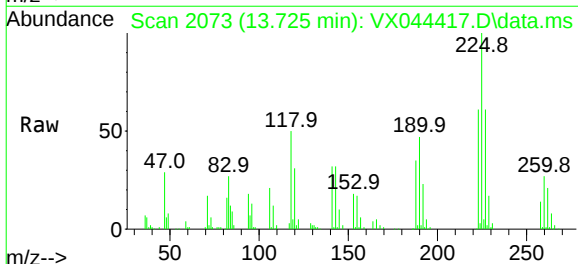
RT: 13.725 min Scan# 2073

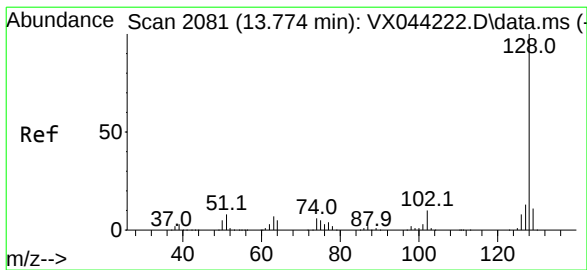
Delta R.T. -0.000 min

Lab File: VX044417.D

Acq: 19 Dec 2024 06:28

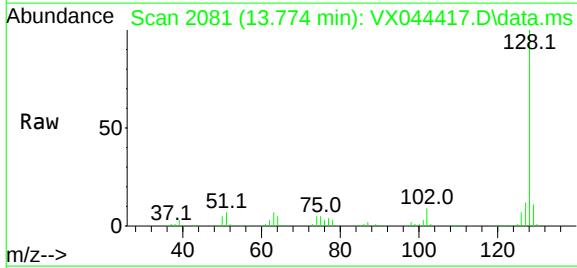
Tgt Ion:	225	Resp:	33809
Ion Ratio	Lower	Upper	
225	100		
223	61.9	30.8	92.4
227	61.0	32.1	96.3





#95
Naphthalene
Concen: 48.567 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

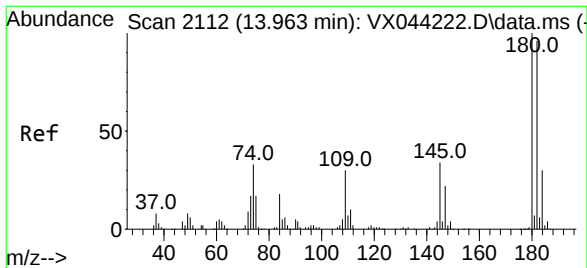
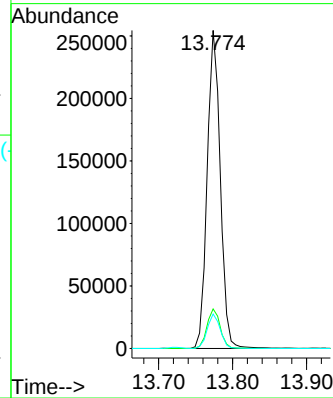
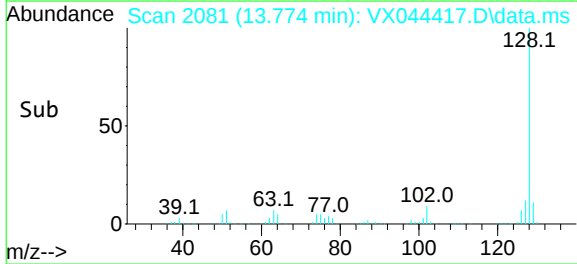
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MS



Tgt Ion:128 Resp: 312358
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.8 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#96
1,2,3-Trichlorobenzene
Concen: 50.422 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX044417.D
Acq: 19 Dec 2024 06:28

Tgt Ion:180 Resp: 88117
Ion Ratio Lower Upper
180 100
182 96.6 48.0 144.0
145 34.7 17.7 53.1

