

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044217.D
 Acq On : 10 Dec 2024 18:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 11 01:40:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/11/2024
 Supervised By : Mahesh Dadoda 12/11/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	127138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	242423	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	99884	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	116097	53.240	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.480%
35) Dibromofluoromethane	5.385	113	85094	49.124	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.240%
50) Toluene-d8	8.647	98	281415	47.129	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.260%
62) 4-Bromofluorobenzene	11.079	95	103646	51.003	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	63111	39.184	ug/l	100
3) Chloromethane	1.294	50	71958	42.456	ug/l	96
4) Vinyl Chloride	1.374	62	78335	43.453	ug/l	94
5) Bromomethane	1.593	94	56062	50.551	ug/l	99
6) Chloroethane	1.660	64	52880	48.139	ug/l	96
7) Trichlorofluoromethane	1.861	101	163545	50.742	ug/l	99
8) Diethyl Ether	2.136	74	60579	51.568	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.313	101	70620	45.934	ug/l	97
10) Methyl Iodide	2.441	142	94218	49.069	ug/l	97
11) Tert butyl alcohol	3.001	59	84514	241.461	ug/l	98
12) 1,1-Dichloroethene	2.306	96	66238	45.214	ug/l	100
13) Acrolein	2.239	56	97940	265.473	ug/l	98
14) Allyl chloride	2.654	41	119802	50.047	ug/l	97
15) Acrylonitrile	3.069	53	227176	266.340	ug/l	99
16) Acetone	2.392	43	226673	226.323	ug/l	99
17) Carbon Disulfide	2.495	76	107012	35.412	ug/l	98
18) Methyl Acetate	2.709	43	126300	54.151	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	288178	54.175	ug/l	99
20) Methylene Chloride	2.782	84	82748	48.686	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	71058	46.980	ug/l	98
22) Diisopropyl ether	3.764	45	270141	52.775	ug/l	95
23) Vinyl Acetate	3.721	43	1168321	266.817	ug/l	99
24) 1,1-Dichloroethane	3.605	63	151815	51.412	ug/l	98
25) 2-Butanone	4.568	43	342634	265.133	ug/l	100
26) 2,2-Dichloropropane	4.465	77	124266	46.597	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	94599	50.598	ug/l	100
28) Bromochloromethane	4.897	49	58950	45.353	ug/l	99
29) Tetrahydrofuran	5.007	42	213397	269.350	ug/l	99
30) Chloroform	5.093	83	167120	52.620	ug/l	92
31) Cyclohexane	5.458	56	108328	44.572	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	143108	52.251	ug/l	98
36) 1,1-Dichloropropene	5.684	75	99283	45.995	ug/l	99
37) Ethyl Acetate	4.721	43	132767	49.549	ug/l	100
38) Carbon Tetrachloride	5.672	117	113013	46.595	ug/l	98
39) Methylcyclohexane	7.373	83	119528	42.624	ug/l	95
40) Benzene	6.031	78	312174	46.428	ug/l	98

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	69589	50.743	ug/l	95
42) 1,2-Dichloroethane	6.086	62	133086	49.283	ug/l	100
43) Isopropyl Acetate	6.342	43	217997	51.122	ug/l	100
44) Trichloroethene	7.123	130	76272	40.071	ug/l	97
45) 1,2-Dichloropropane	7.427	63	81383	49.418	ug/l	95
46) Dibromomethane	7.580	93	65788	50.501	ug/l	96
47) Bromodichloromethane	7.824	83	120375	51.522	ug/l	97
48) Methyl methacrylate	7.696	41	102462	50.075	ug/l	98
49) 1,4-Dioxane	7.665	88	30858	846.622	ug/l #	66
51) 4-Methyl-2-Pentanone	8.574	43	719431	276.463	ug/l	99
52) Toluene	8.714	92	197647	49.112	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	120376	50.525	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	129505	49.583	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	84764	51.024	ug/l	99
56) Ethyl methacrylate	9.116	69	138164	53.395	ug/l	98
57) 1,3-Dichloropropane	9.305	76	141482	50.557	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	332302	234.142	ug/l	98
59) 2-Hexanone	9.433	43	538686	275.412	ug/l	99
60) Dibromochloromethane	9.519	129	86855	52.109	ug/l	99
61) 1,2-Dibromoethane	9.610	107	87795	52.266	ug/l	100
64) Tetrachloroethene	9.269	164	64579	46.869	ug/l	97
65) Chlorobenzene	10.079	112	224152	48.841	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	77524	52.085	ug/l	99
67) Ethyl Benzene	10.195	91	389963	50.145	ug/l	100
68) m/p-Xylenes	10.299	106	286729	98.868	ug/l	98
69) o-Xylene	10.640	106	145887	51.522	ug/l	98
70) Styrene	10.653	104	245812	52.487	ug/l	99
71) Bromoform	10.799	173	53014	47.096	ug/l #	97
73) Isopropylbenzene	10.963	105	377517	49.169	ug/l	100
74) N-amyl acetate	10.842	43	192555	54.137	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	134002	50.971	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	112114m	51.183	ug/l	
77) Bromobenzene	11.195	156	88361	48.243	ug/l	98
78) n-propylbenzene	11.305	91	424053	49.451	ug/l	100
79) 2-Chlorotoluene	11.360	91	264885	48.850	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	318691	50.452	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	35508	44.234	ug/l	93
82) 4-Chlorotoluene	11.451	91	302591	49.428	ug/l	99
83) tert-Butylbenzene	11.713	119	316761	50.593	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	316576	50.339	ug/l	98
85) sec-Butylbenzene	11.890	105	386295	50.357	ug/l	100
86) p-Isopropyltoluene	12.006	119	318368	51.093	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	162593	48.740	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	159770	46.977	ug/l	98
89) n-Butylbenzene	12.329	91	276773	50.379	ug/l	100
90) Hexachloroethane	12.536	117	49566	46.780	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	164195	48.773	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27997	53.147	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	95471	48.102	ug/l	99
94) Hexachlorobutadiene	13.725	225	36087	46.005	ug/l	98
95) Naphthalene	13.774	128	380179	53.212	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	97156	48.363	ug/l	96

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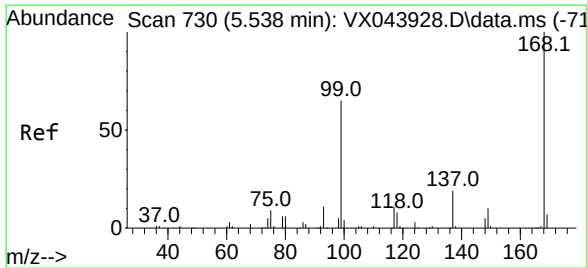
Manual Integrations
APPROVED

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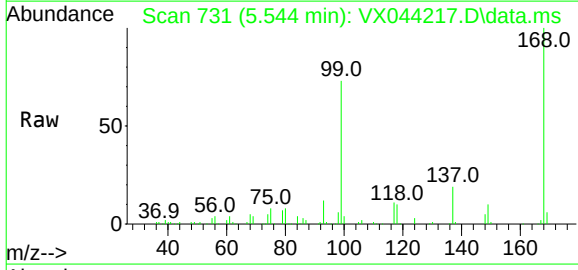
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044217.D
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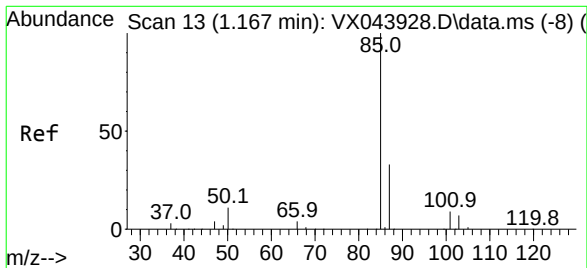
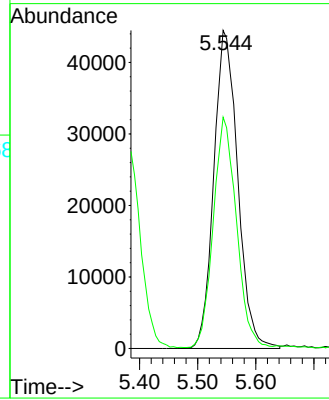
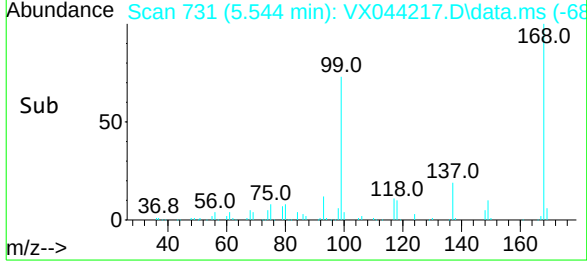
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



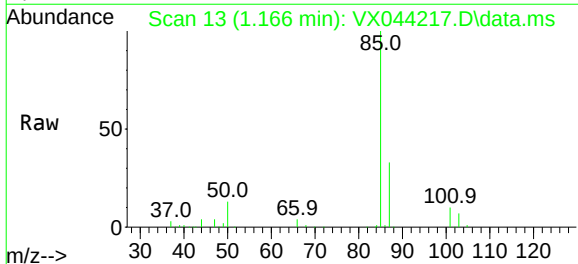
Tgt Ion: 168 Resp: 127138
Ion Ratio Lower Upper
168 100
99 72.4 51.8 77.8

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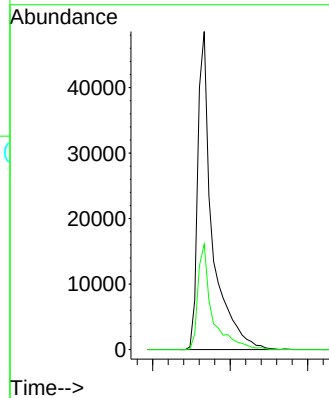
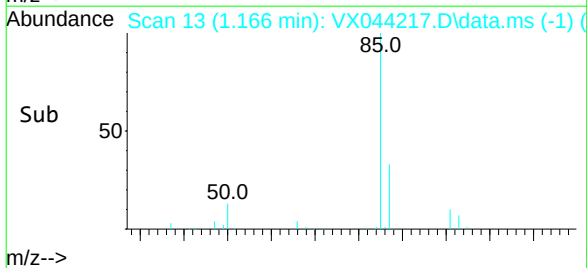
Reviewed By : John Carlone 12/11/2024
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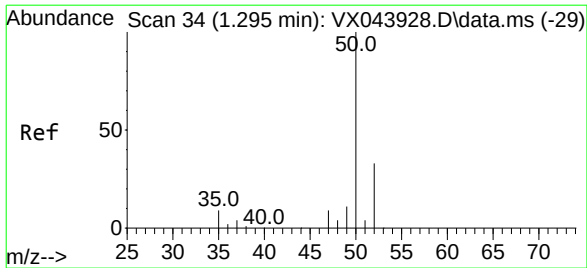


#2
Dichlorodifluoromethane
Concen: 39.184 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44



Tgt Ion: 85 Resp: 63111
Ion Ratio Lower Upper
85 100
87 33.1 16.6 49.8





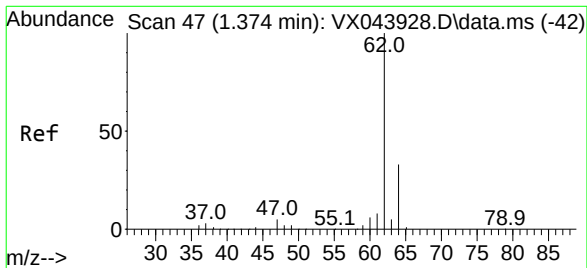
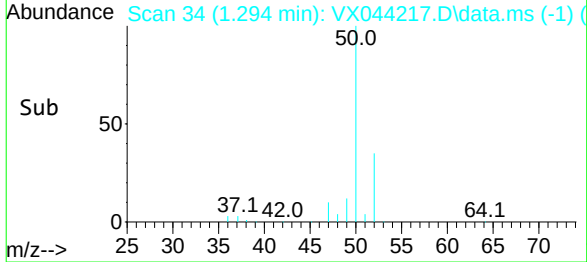
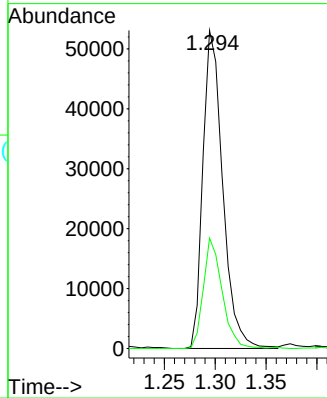
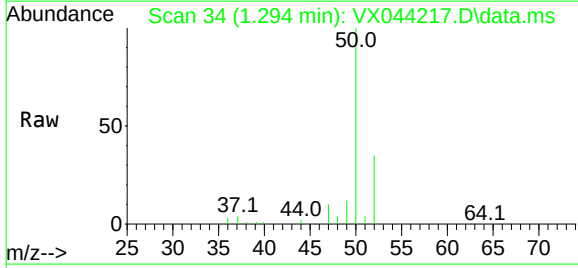
#3
Chloromethane
Concen: 42.456 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Instrument :
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Tgt Ion: 50 Resp: 71958
Ion Ratio Lower Upper
50 100
52 34.7 26.1 39.1

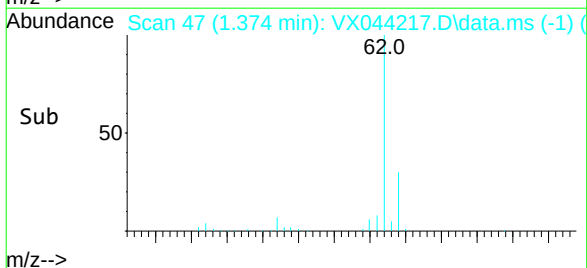
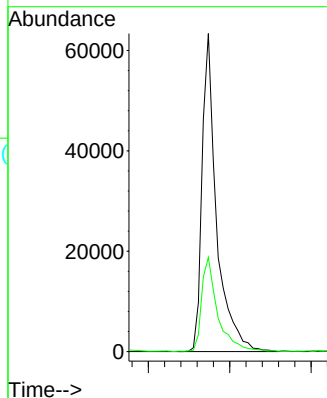
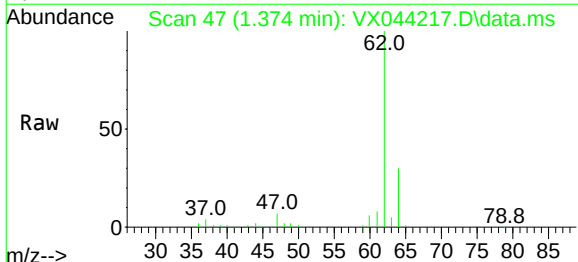
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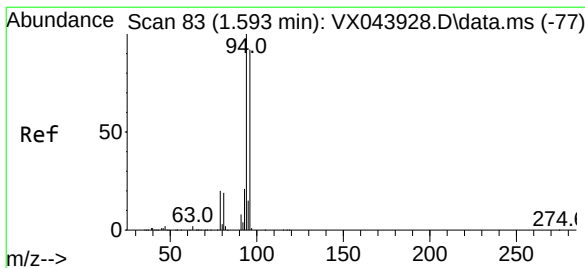
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#4
Vinyl Chloride
Concen: 43.453 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Tgt Ion: 62 Resp: 78335
Ion Ratio Lower Upper
62 100
64 29.5 26.2 39.4





#5

Bromomethane

Concen: 50.551 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 56062

Ion Ratio Lower Upper

94 100

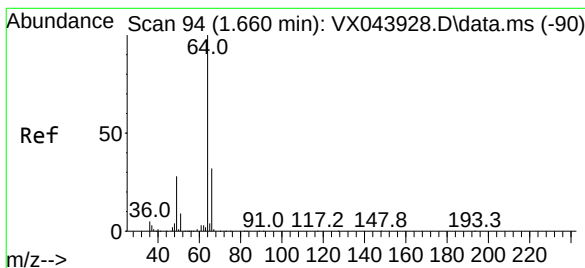
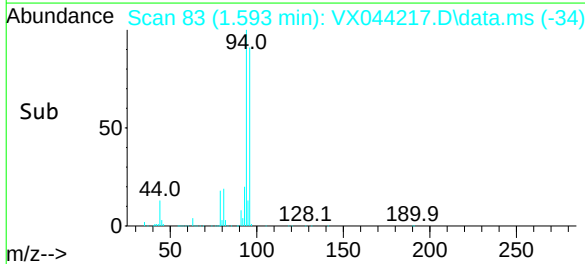
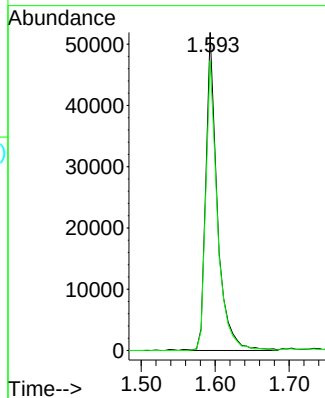
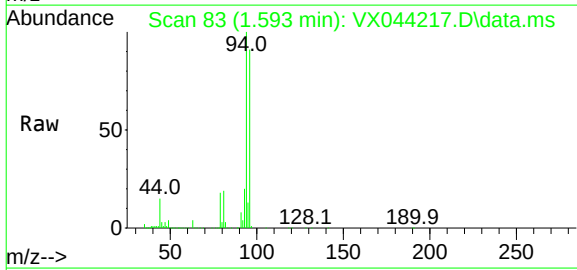
96 91.2 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 48.139 ug/l

RT: 1.660 min Scan# 94

Delta R.T. -0.000 min

Lab File: VX044217.D

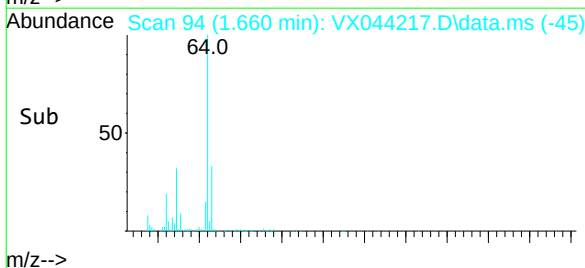
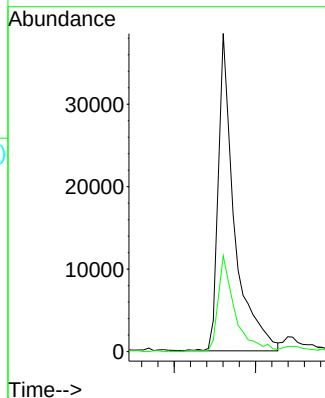
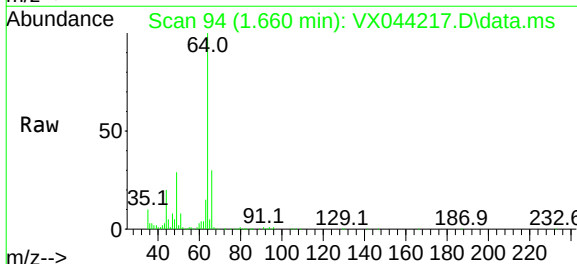
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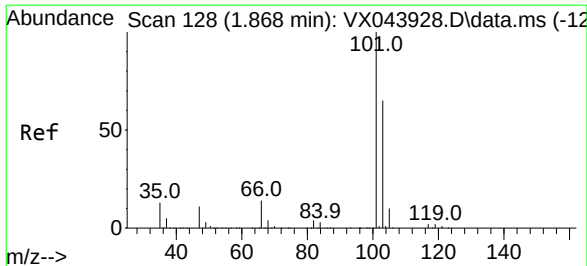
Tgt Ion: 64 Resp: 52880

Ion Ratio Lower Upper

64 100

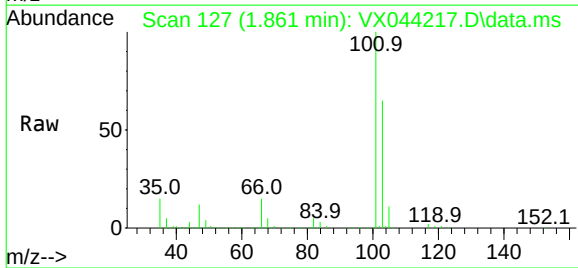
66 30.2 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 50.742 ug/l
 RT: 1.861 min Scan# 12
 Delta R.T. -0.006 min
 Lab File: VX044217.D
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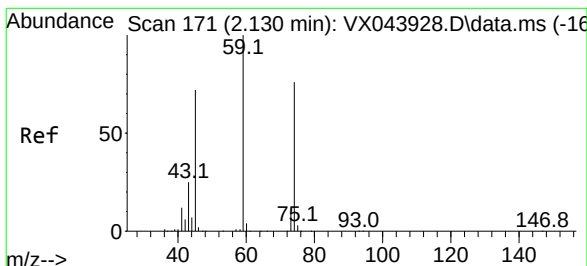
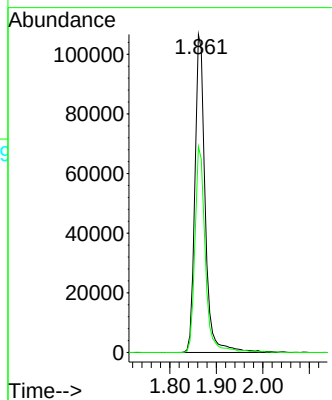
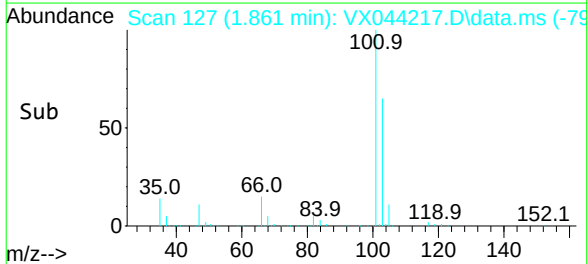
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 163545
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.2 78.2

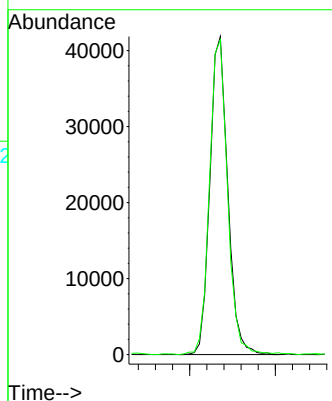
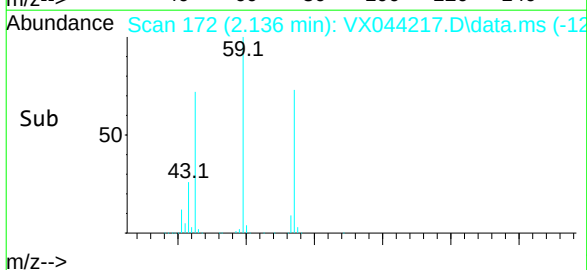
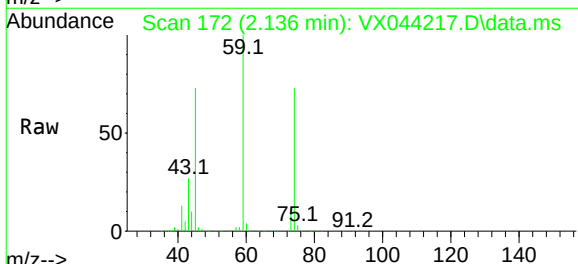
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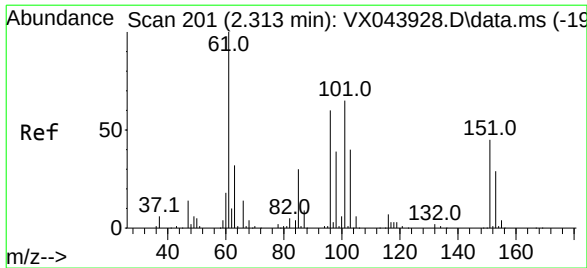
Reviewed By :John Carlone 12/11/2024
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#8
 Diethyl Ether
 Concen: 51.568 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 60579
 Ion Ratio Lower Upper
 74 100
 45 100.2 47.9 143.6





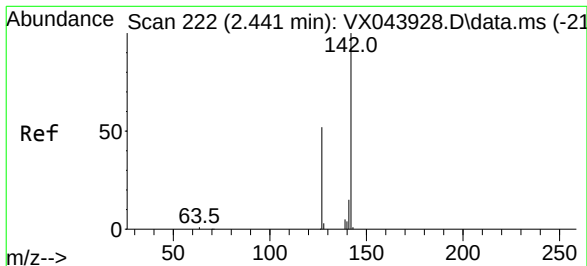
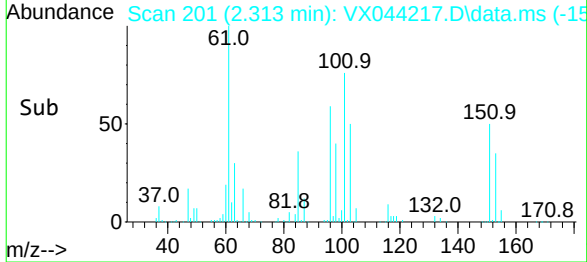
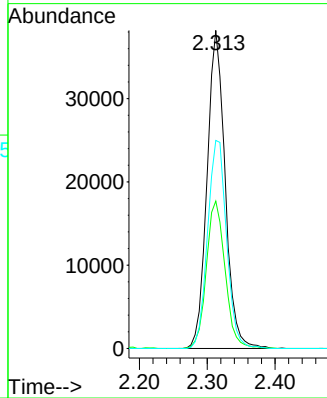
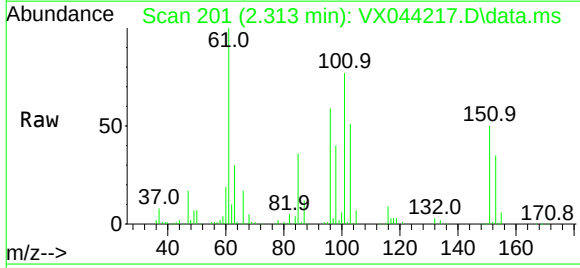
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.934 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 70620
Ion Ratio Lower Upper
101 100
85 48.1 37.9 56.9
151 68.9 57.5 86.3

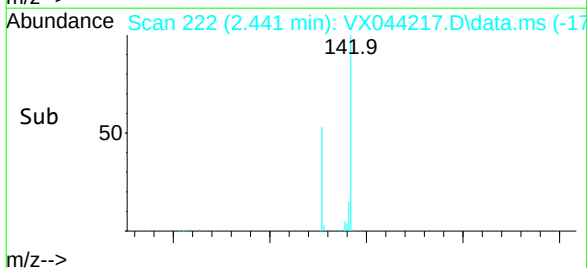
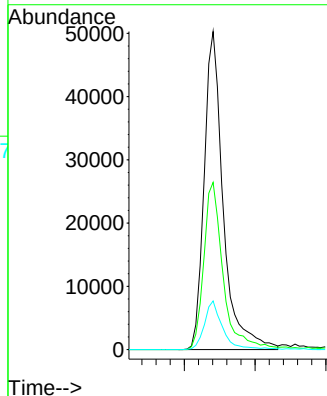
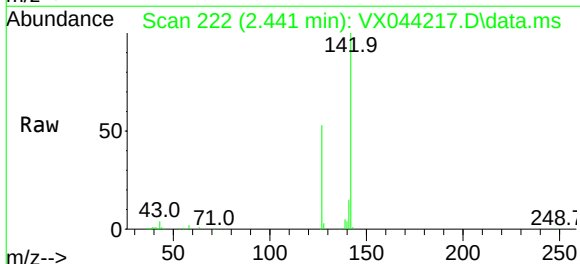
Manual Integrations
APPROVED

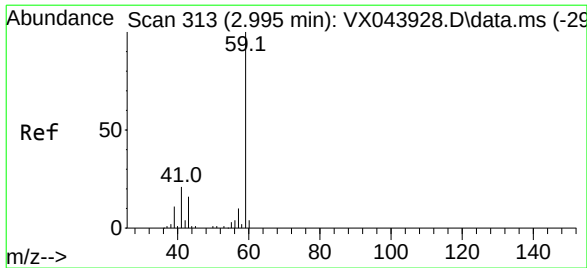
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#10
Methyl Iodide
Concen: 49.069 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Tgt Ion:142 Resp: 94218
Ion Ratio Lower Upper
142 100
127 53.8 40.7 61.1
141 14.7 12.0 18.0





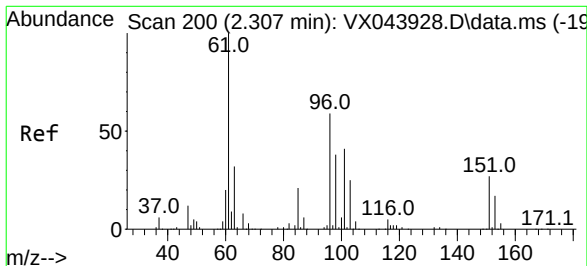
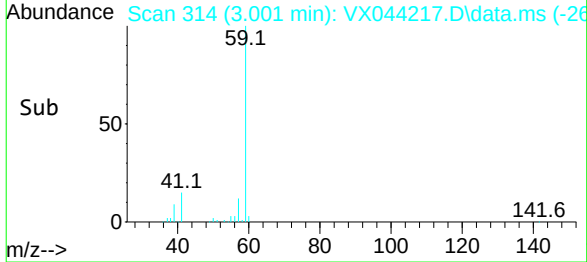
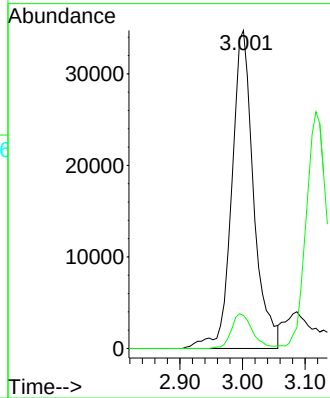
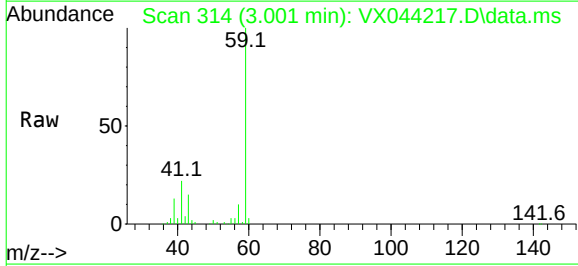
#11
Tert butyl alcohol
Concen: 241.461 ug/l
RT: 3.001 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 84514
Ion Ratio Lower Upper
59 100
57 10.5 7.9 11.9

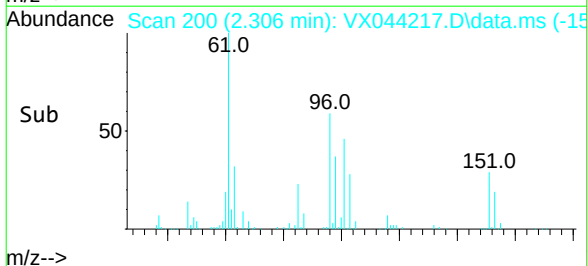
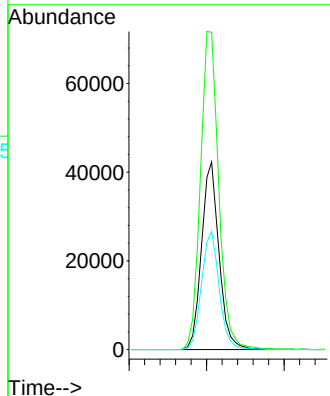
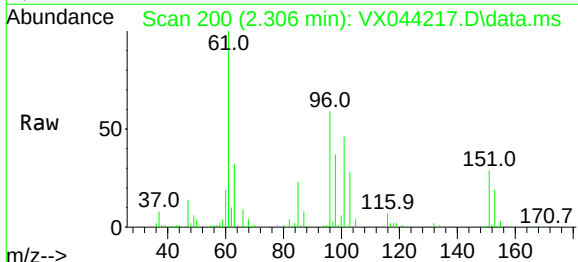
Manual Integrations
APPROVED

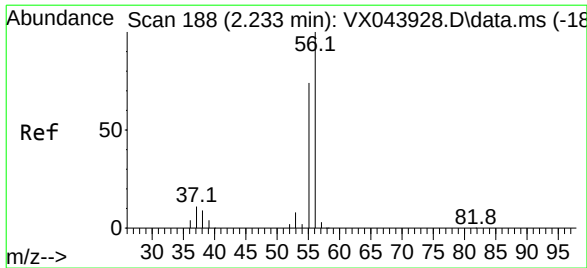
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#12
1,1-Dichloroethene
Concen: 45.214 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Tgt Ion: 96 Resp: 66238
Ion Ratio Lower Upper
96 100
61 169.1 135.5 203.3
98 63.0 50.8 76.2





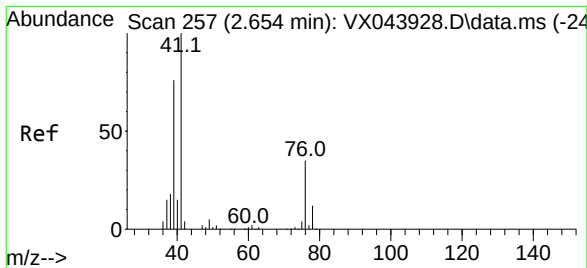
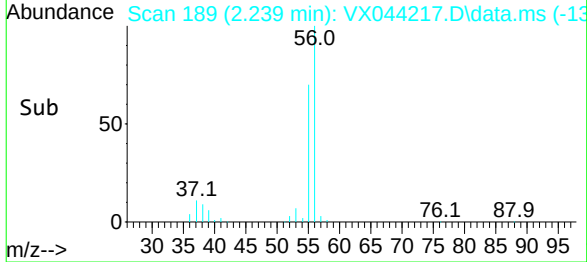
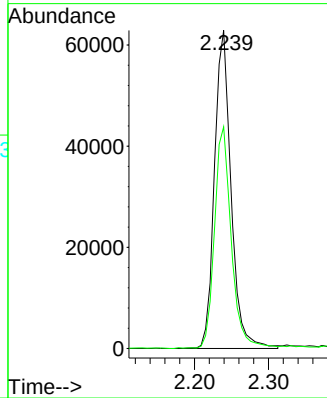
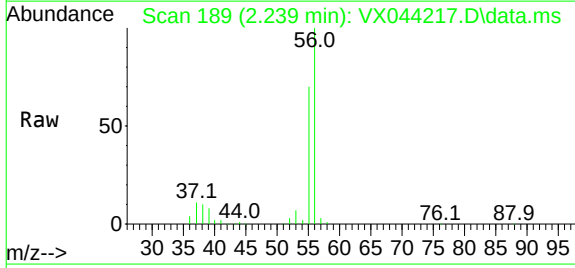
#13
Acrolein
Concen: 265.473 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 97940
Ion Ratio Lower Upper
56 100
55 70.7 58.2 87.2

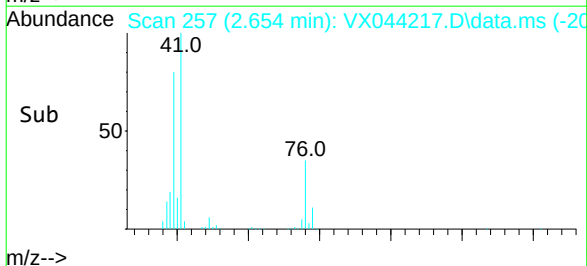
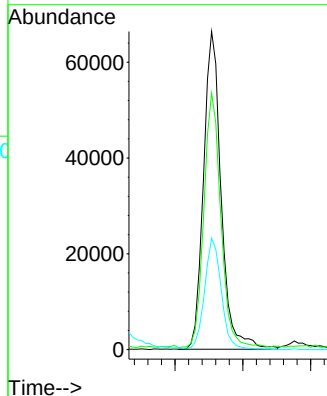
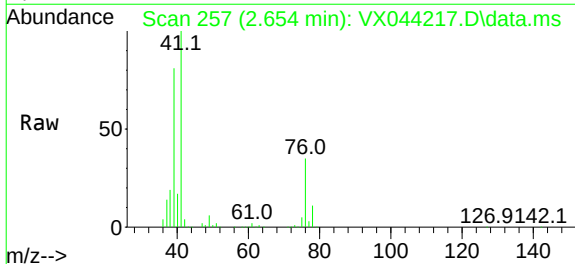
Manual Integrations
APPROVED

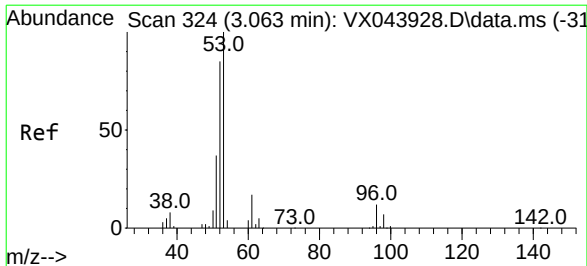
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#14
Allyl chloride
Concen: 50.047 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Tgt Ion: 41 Resp: 119802
Ion Ratio Lower Upper
41 100
39 77.2 59.5 89.3
76 33.4 27.4 41.2





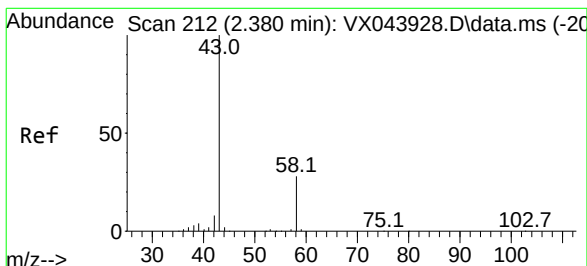
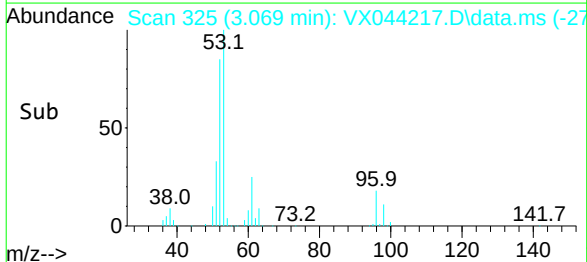
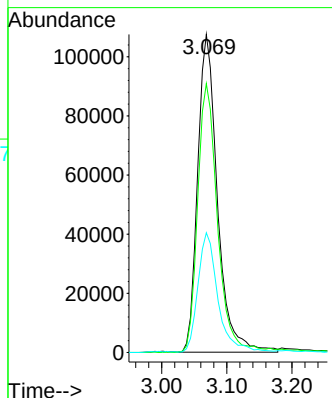
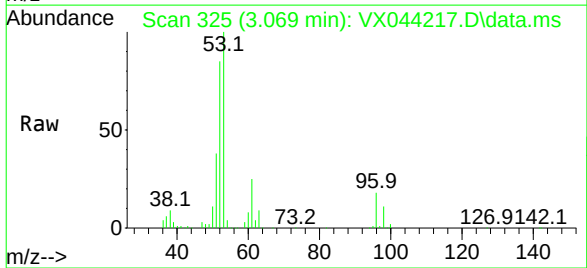
#15
Acrylonitrile
Concen: 266.340 ug/l
RT: 3.069 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 227176
Ion Ratio Lower Upper
53 100
52 84.7 66.5 99.7
51 37.8 30.2 45.4

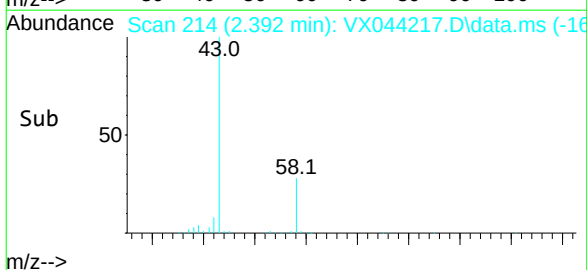
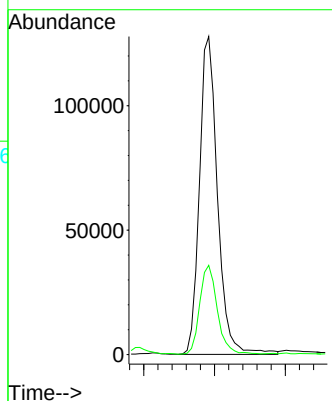
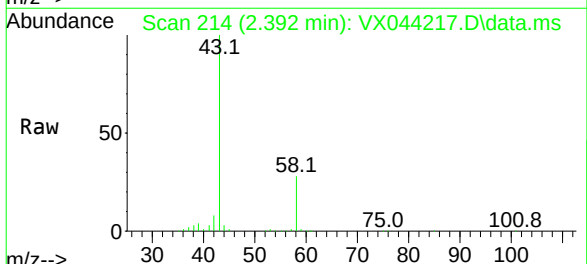
Manual Integrations
APPROVED

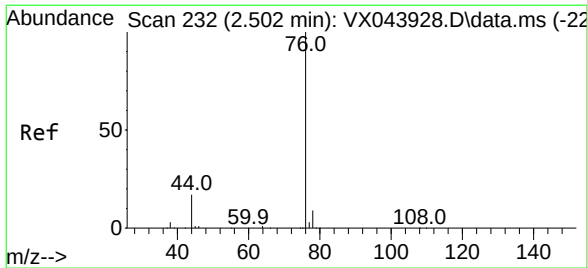
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#16
Acetone
Concen: 226.323 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Tgt Ion: 43 Resp: 226673
Ion Ratio Lower Upper
43 100
58 28.0 22.7 34.1





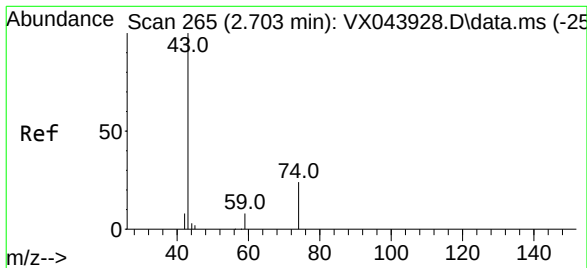
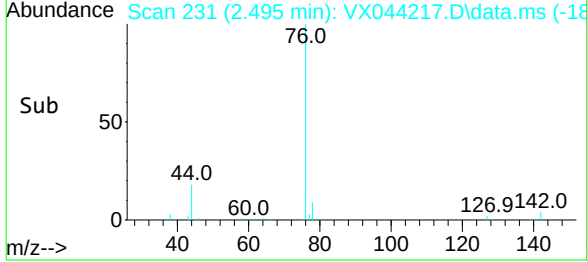
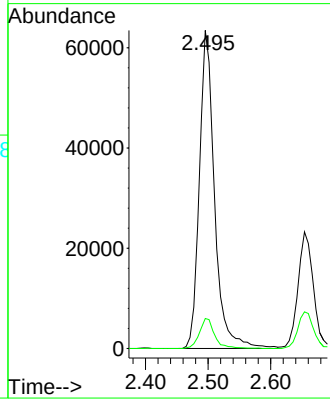
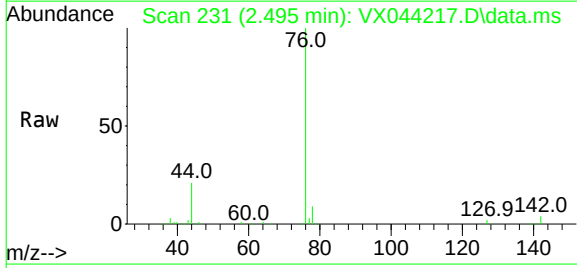
#17
Carbon Disulfide
Concen: 35.412 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 107012
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

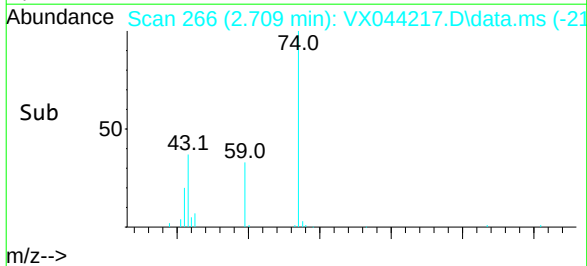
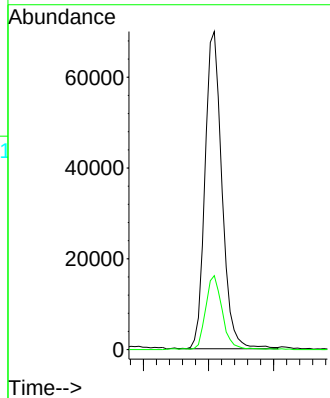
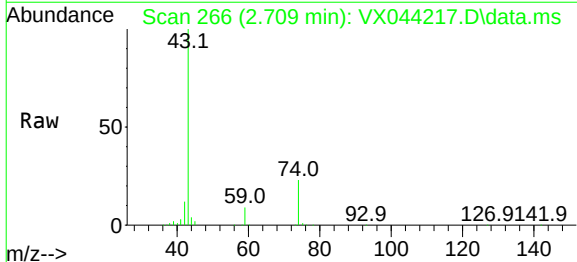
Manual Integrations
APPROVED

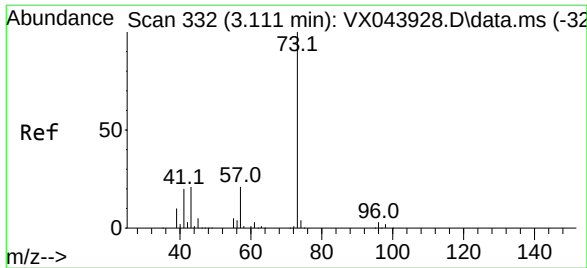
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#18
Methyl Acetate
Concen: 54.151 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

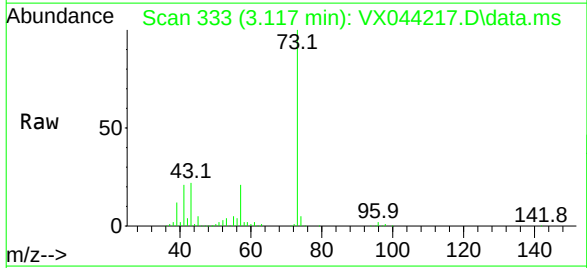
Tgt Ion: 43 Resp: 126300
Ion Ratio Lower Upper
43 100
74 22.4 18.9 28.3





#19
Methyl tert-butyl Ether
Concen: 54.175 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

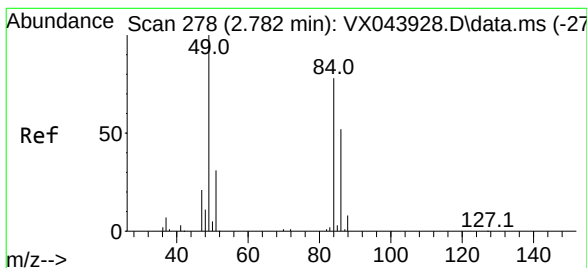
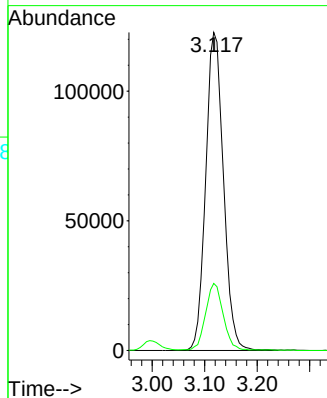
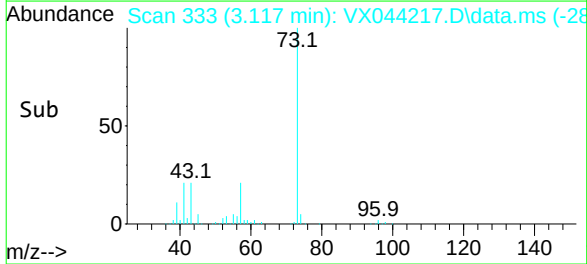
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



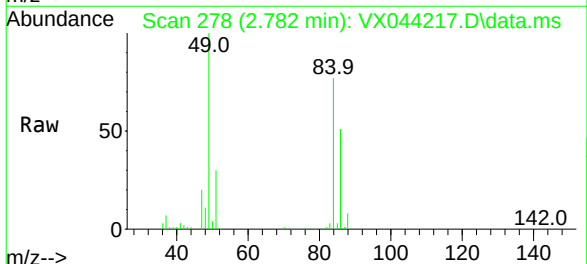
Tgt Ion: 73 Resp: 288178
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.6

Manual Integrations
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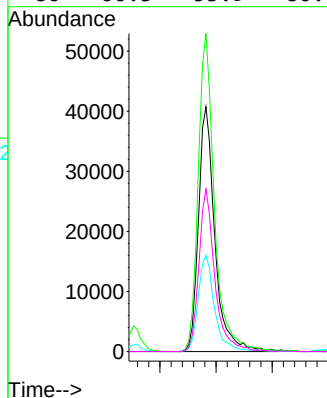
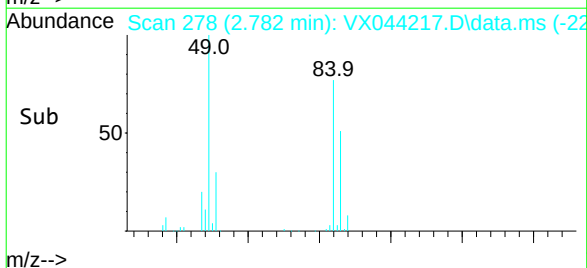
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

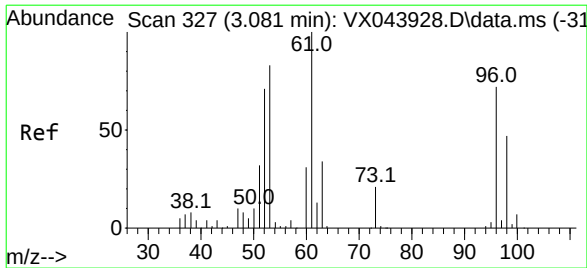


#20
Methylene Chloride
Concen: 48.686 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44



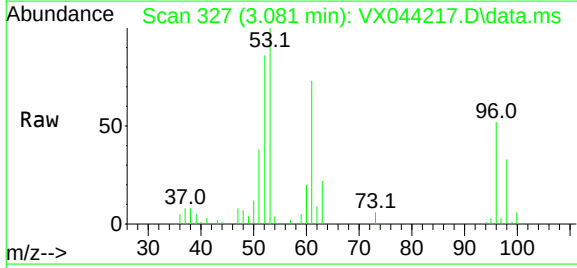
Tgt Ion: 84 Resp: 82748
Ion Ratio Lower Upper
84 100
49 129.9 102.7 154.1
51 39.3 31.7 47.5
86 66.3 53.9 80.9





#21
trans-1,2-Dichloroethene
Concen: 46.980 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

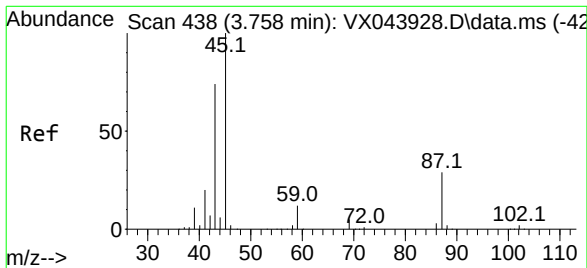
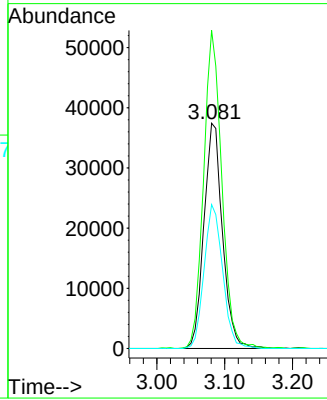
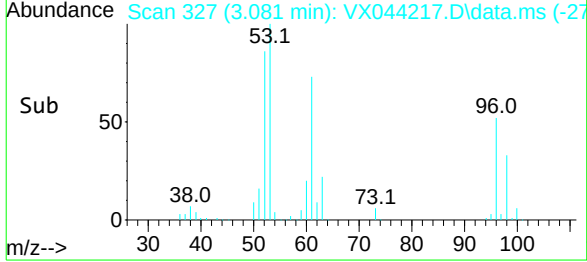
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



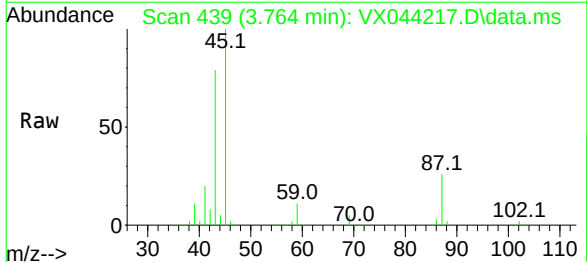
Tgt Ion: 96 Resp: 71058
Ion Ratio Lower Upper
96 100
61 141.2 111.8 167.6
98 63.9 52.7 79.1

Manual Integrations
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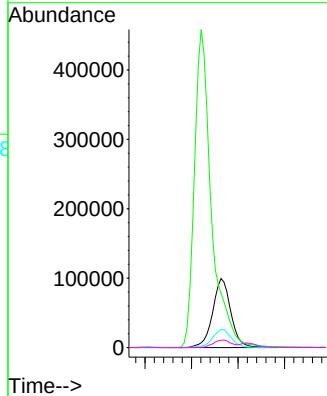
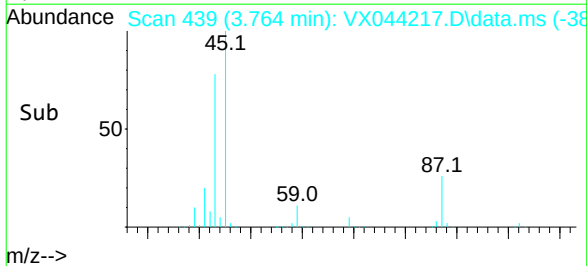
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

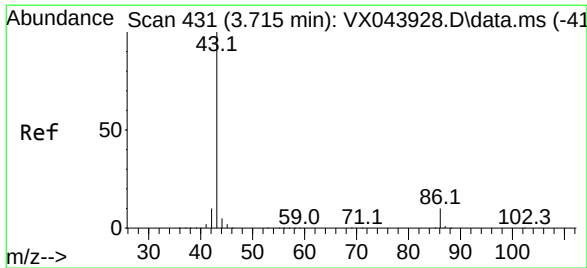


#22
Diisopropyl ether
Concen: 52.775 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44



Tgt Ion: 45 Resp: 270141
Ion Ratio Lower Upper
45 100
43 78.4 59.6 89.4
87 26.2 22.9 34.3
59 10.5 9.8 14.6





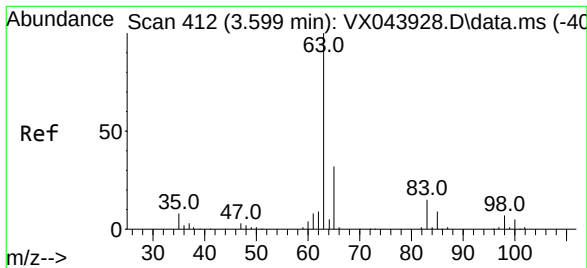
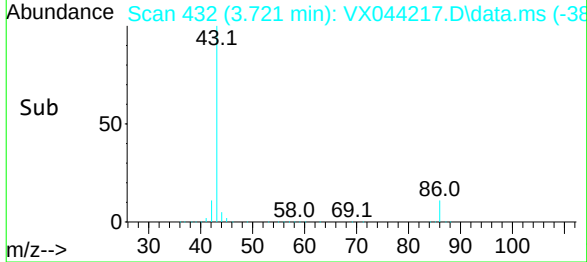
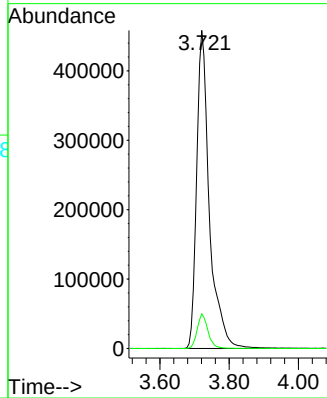
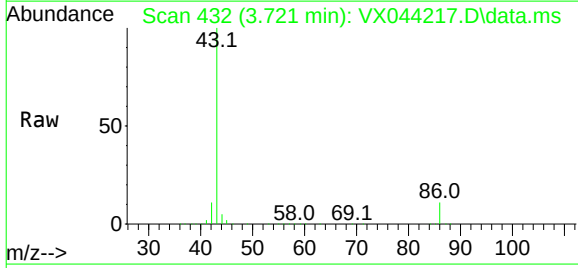
#23
 Vinyl Acetate
 Concen: 266.817 ug/l
 RT: 3.721 min Scan# 43
 Delta R.T. 0.006 min
 Lab File: VX044217.D
 Acq: 10 Dec 2024 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1168321
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.3 12.5

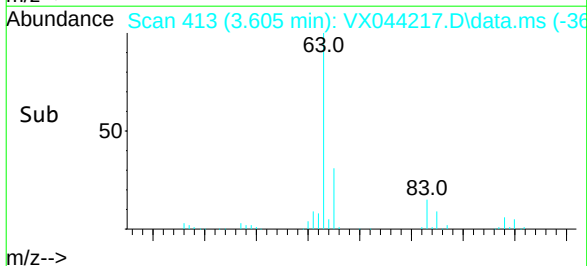
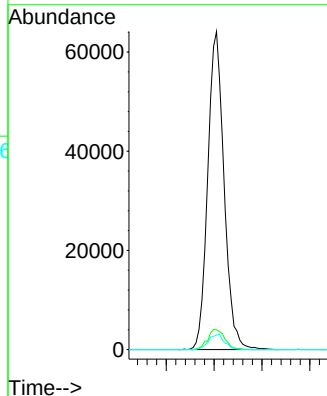
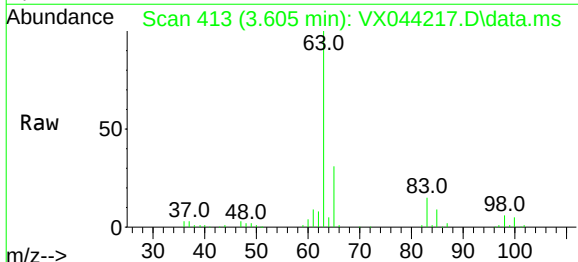
Manual Integrations
 APPROVED

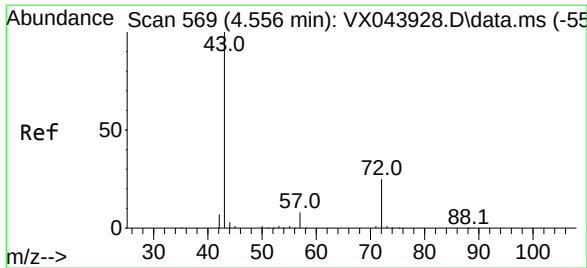
Reviewed By :John Carlone 12/11/2024
 Supervised By :Mahesh Dadoda 12/11/2024



#24
 1,1-Dichloroethane
 Concen: 51.412 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX044217.D
 Acq: 10 Dec 2024 18:44

Tgt Ion: 63 Resp: 151815
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.6
 100 4.5 2.4 7.1





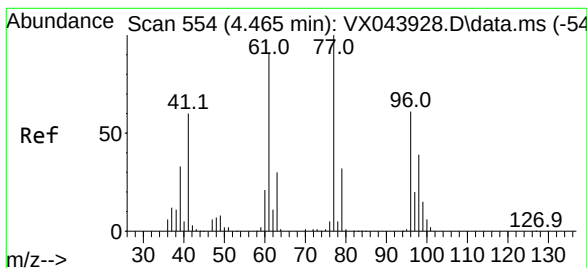
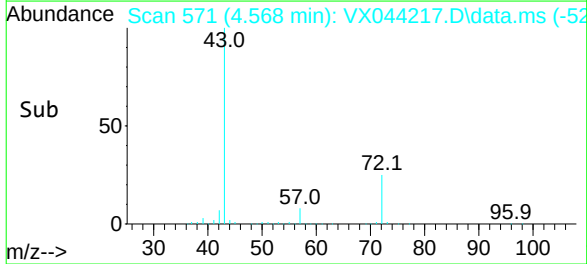
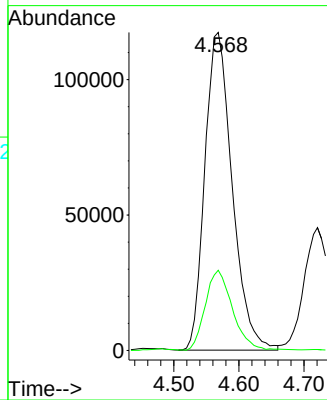
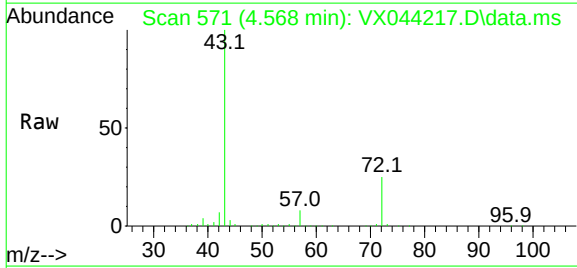
#25
2-Butanone
Concen: 265.133 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 342634
Ion Ratio Lower Upper
43 100
72 25.1 20.2 30.2

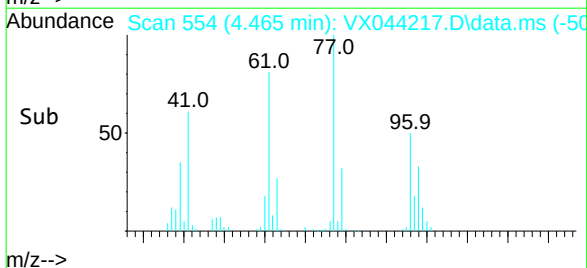
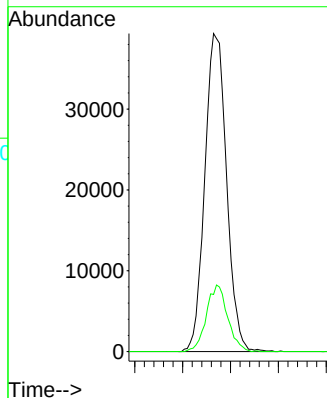
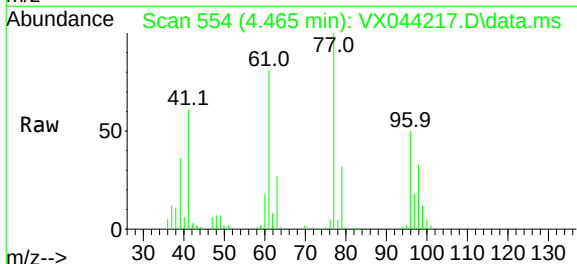
Manual Integrations
APPROVED

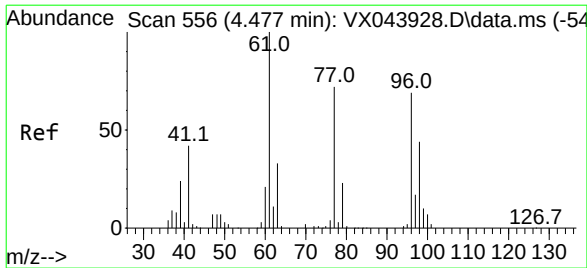
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#26
2,2-Dichloropropane
Concen: 46.597 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Tgt Ion: 77 Resp: 124266
Ion Ratio Lower Upper
77 100
97 20.4 10.8 32.3





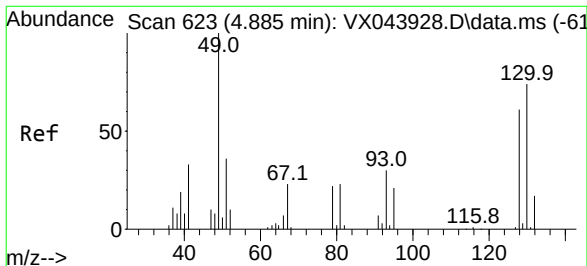
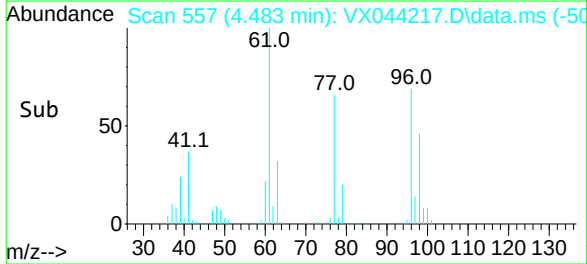
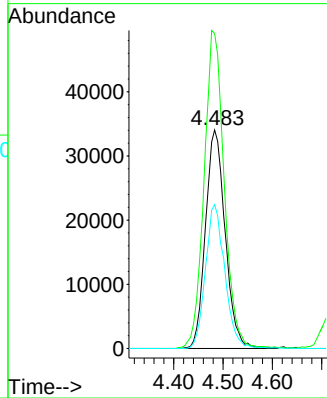
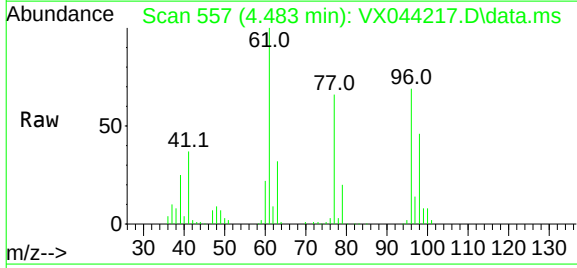
#27
cis-1,2-Dichloroethene
Concen: 50.598 ug/l
RT: 4.483 min Scan# 55
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 94599
Ion Ratio Lower Upper
96 100
61 148.7 0.0 297.4
98 64.8 0.0 127.8

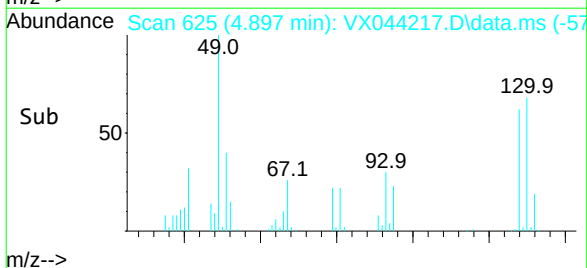
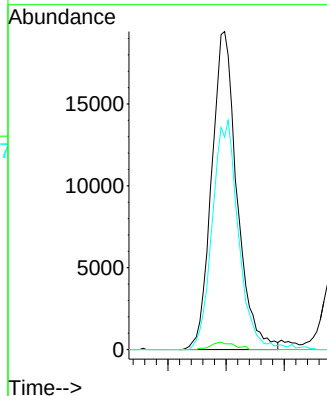
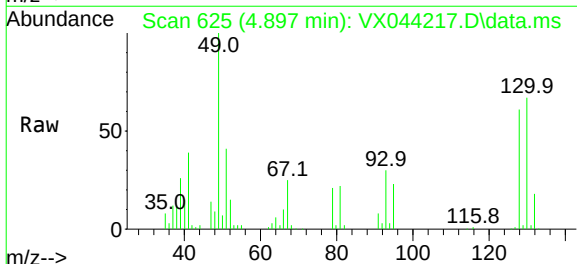
Manual Integrations
APPROVED

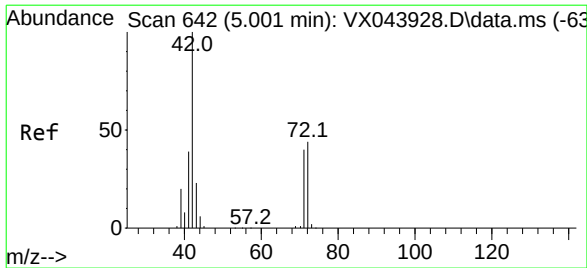
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#28
Bromochloromethane
Concen: 45.353 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.012 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Tgt Ion: 49 Resp: 58950
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.0
130 74.3 59.0 88.6





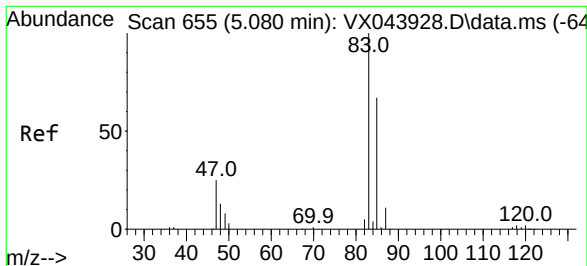
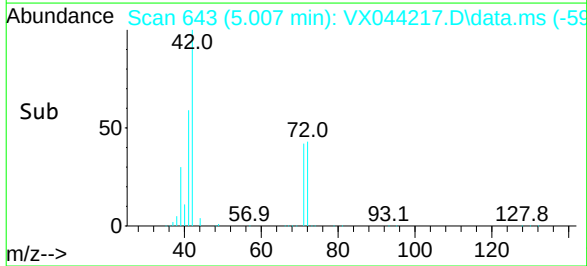
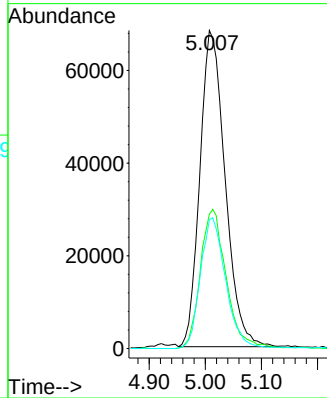
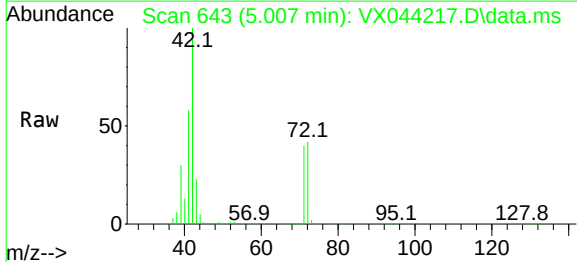
#29
Tetrahydrofuran
Concen: 269.350 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 213397
Ion Ratio Lower Upper
42 100
72 45.1 36.4 54.6
71 41.3 33.4 50.0

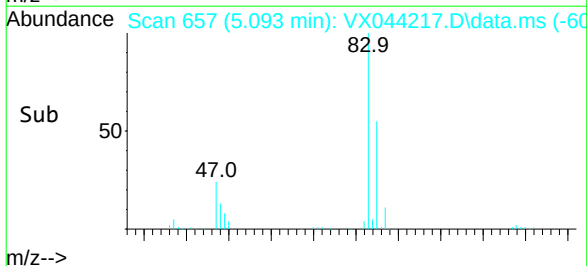
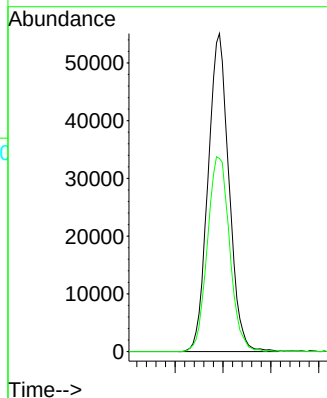
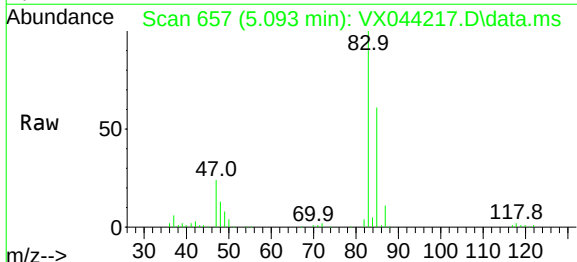
Manual Integrations
APPROVED

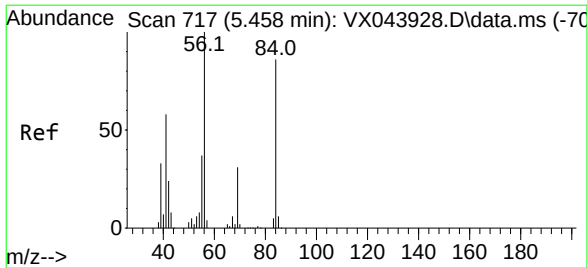
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#30
Chloroform
Concen: 52.620 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Tgt Ion: 83 Resp: 167120
Ion Ratio Lower Upper
83 100
85 60.7 53.5 80.3





#31

Cyclohexane

Concen: 44.572 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 108328

Ion Ratio Lower Upper

56 100

69 32.0 24.7 37.1

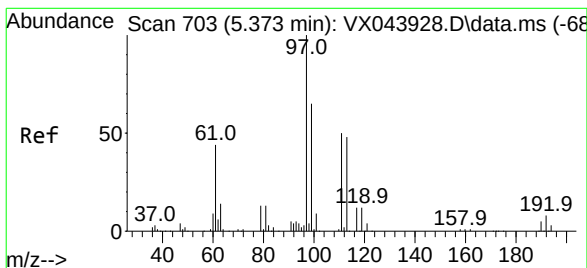
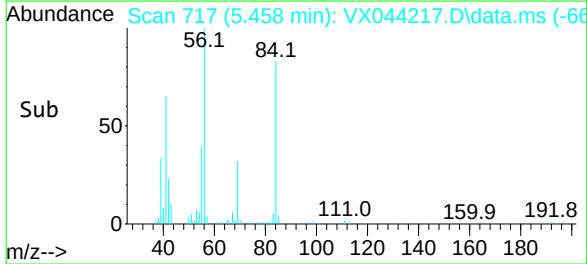
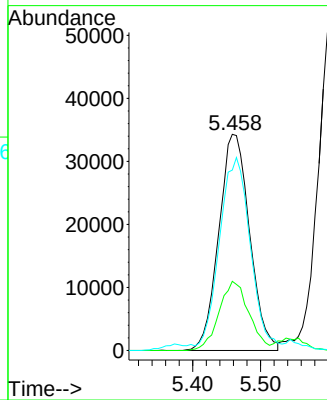
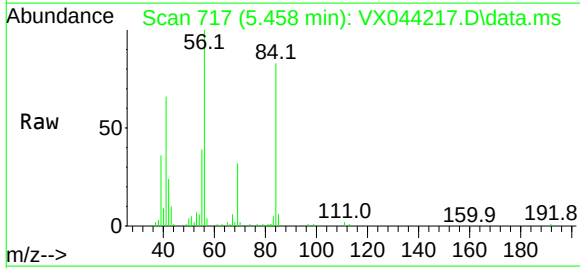
84 80.8 68.7 103.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#32

1,1,1-Trichloroethane

Concen: 52.251 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

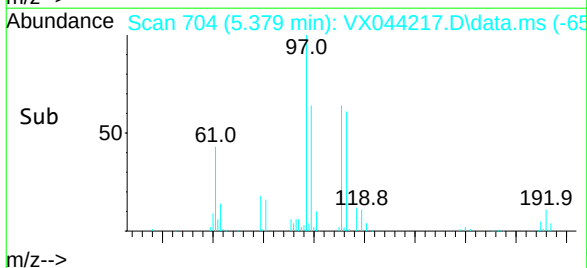
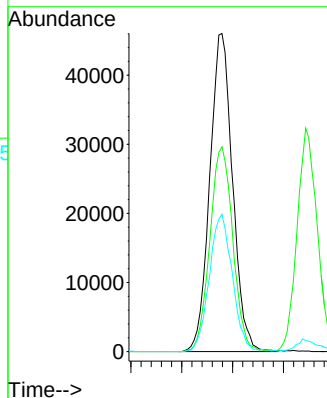
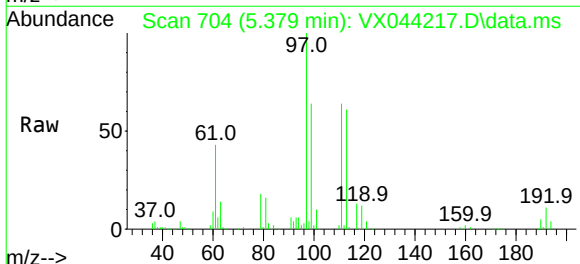
Tgt Ion: 97 Resp: 143108

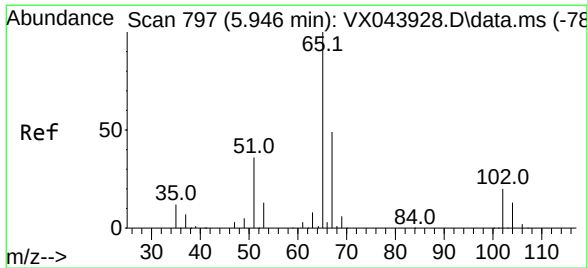
Ion Ratio Lower Upper

97 100

99 64.9 50.8 76.2

61 43.5 35.4 53.2





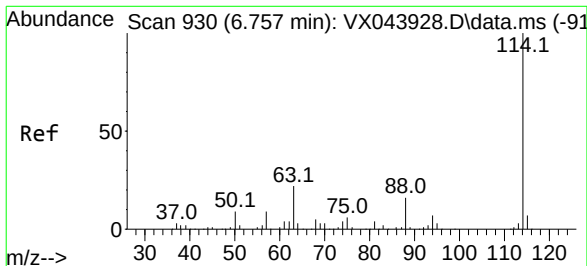
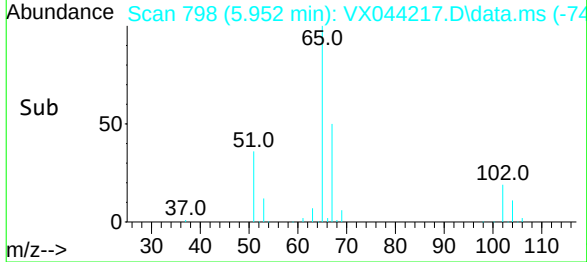
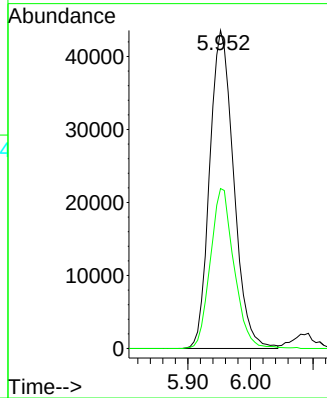
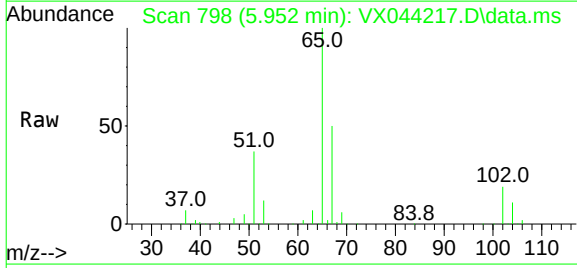
#33
1,2-Dichloroethane-d4
Concen: 53.240 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 116097
Ion Ratio Lower Upper
65 100
67 49.7 0.0 100.8

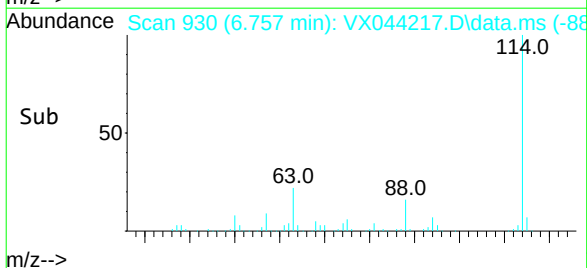
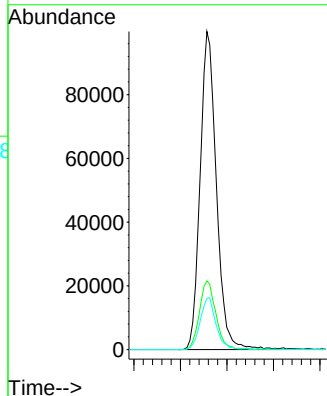
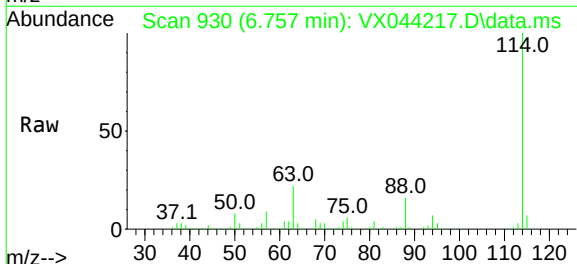
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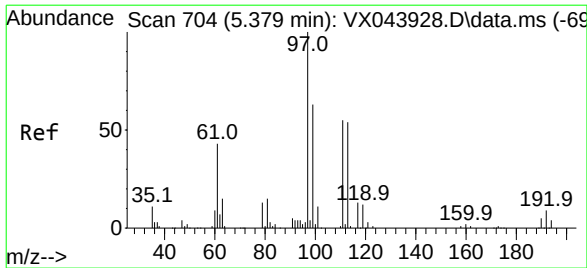
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

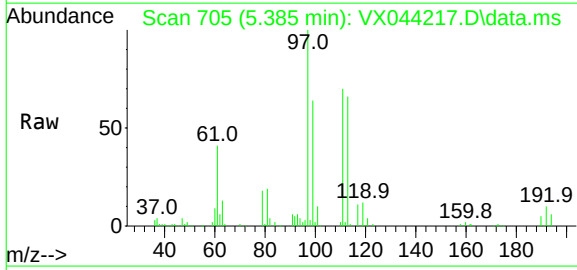
Tgt Ion:114 Resp: 242423
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 16.1 0.0 32.4





#35
Dibromofluoromethane
Concen: 49.124 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

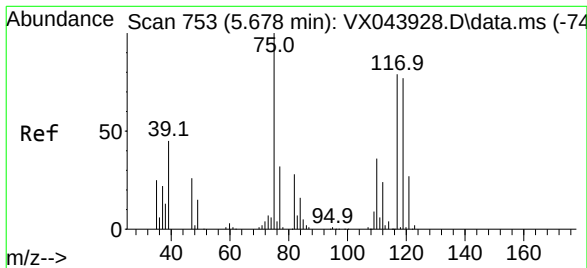
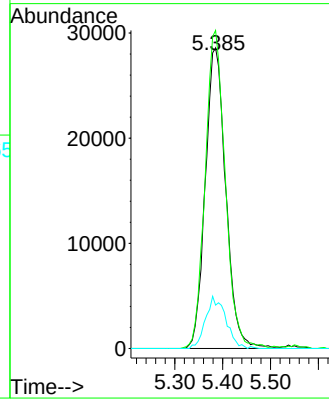
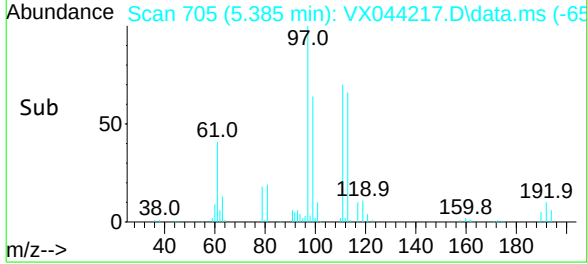
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 85094
Ion Ratio Lower Upper
113 100
111 103.8 81.0 121.4
192 17.0 13.0 19.6

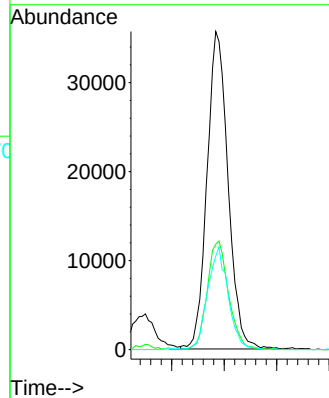
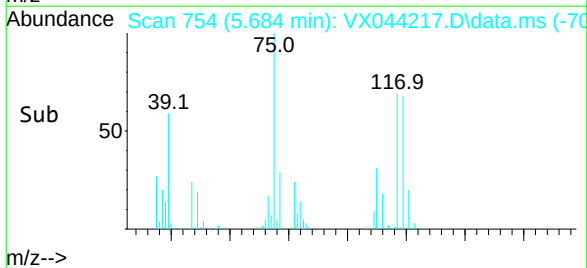
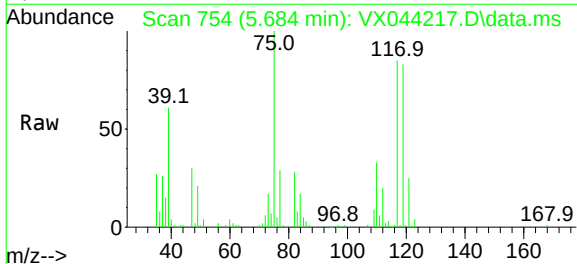
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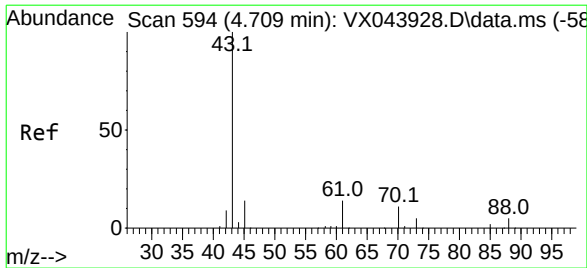
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#36
1,1-Dichloropropene
Concen: 45.995 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Tgt Ion: 75 Resp: 99283
Ion Ratio Lower Upper
75 100
110 34.8 17.4 52.2
77 31.5 25.8 38.8





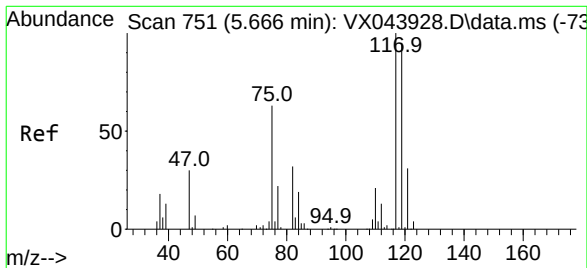
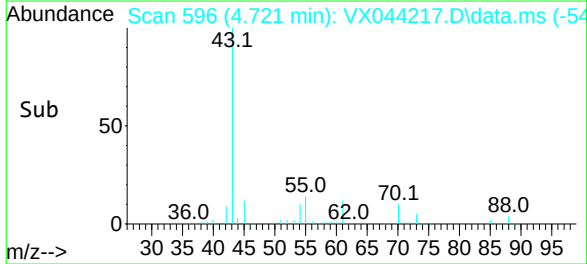
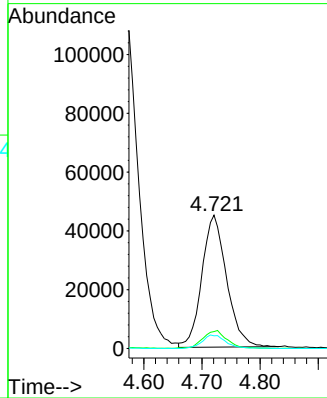
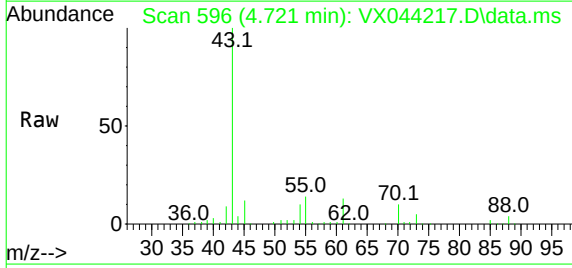
#37
Ethyl Acetate
Concen: 49.549 ug/l
RT: 4.721 min Scan# 59
Delta R.T. 0.012 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 132767
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 9.8 8.0 12.0

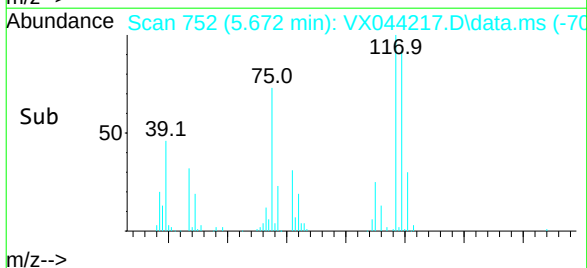
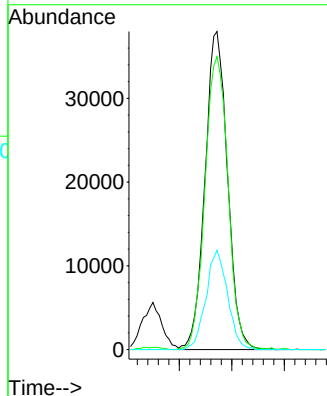
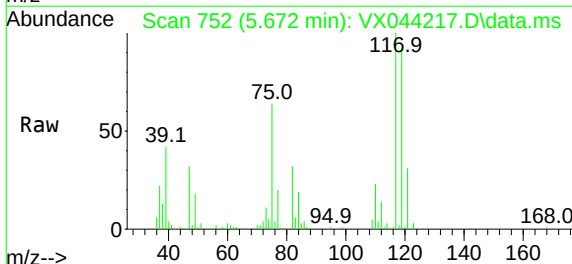
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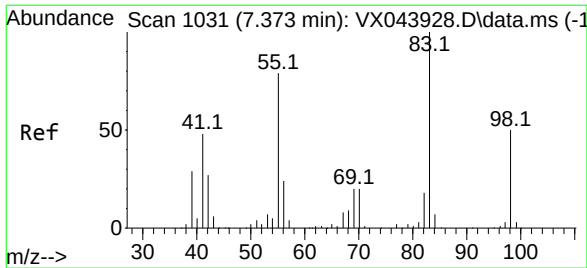
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#38
Carbon Tetrachloride
Concen: 46.595 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Tgt Ion:117 Resp: 113013
Ion Ratio Lower Upper
117 100
119 92.1 75.2 112.8
121 31.2 24.5 36.7





#39
Methylcyclohexane
Concen: 42.624 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

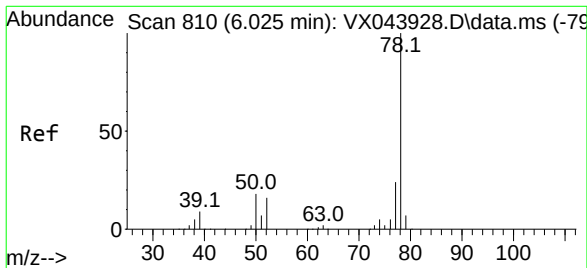
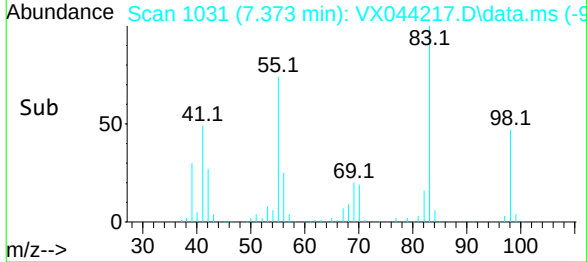
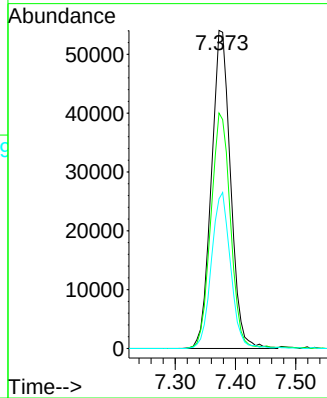
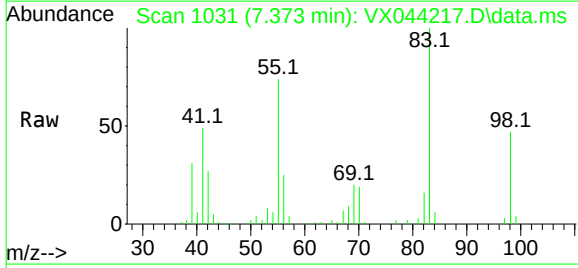
Tgt Ion: 83 Resp: 119528
Ion Ratio Lower Upper
83 100
55 74.0 63.1 94.7
98 47.0 40.0 60.0

Manual Integrations

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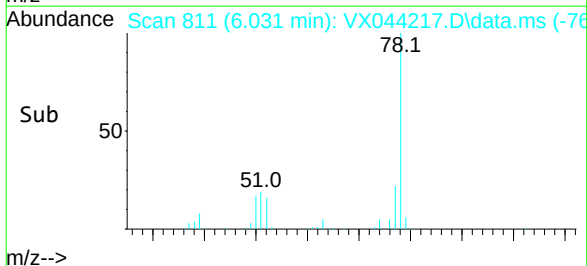
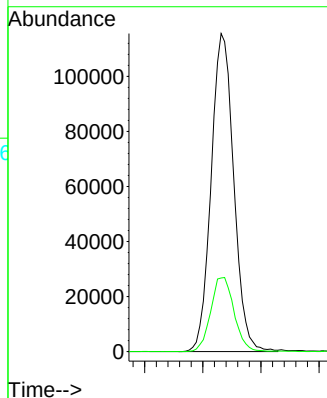
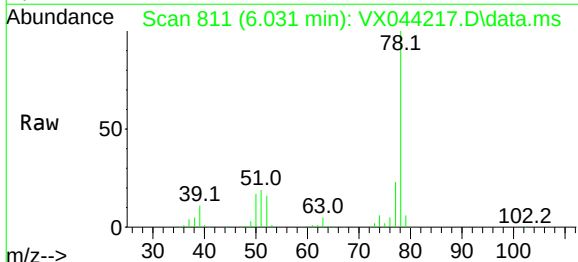
Reviewed By :John Carlone 12/11/2024

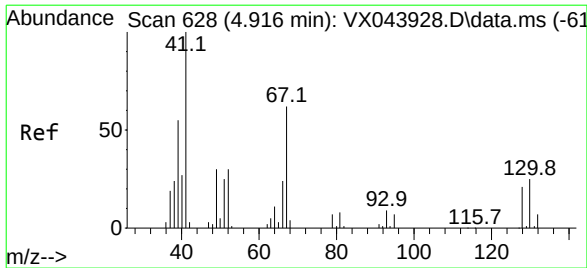
Supervised By :Mahesh Dadoda 12/11/2024



#40
Benzene
Concen: 46.428 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Tgt Ion: 78 Resp: 312174
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8





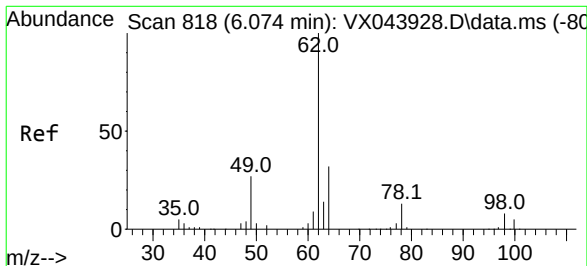
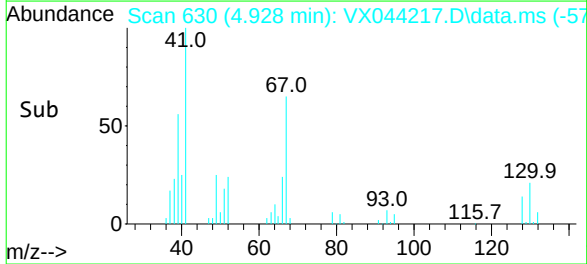
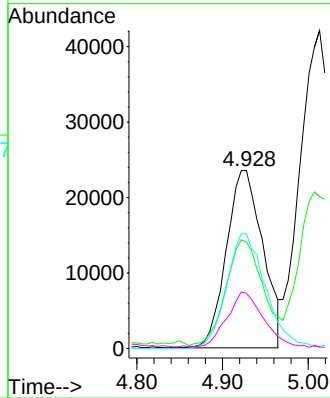
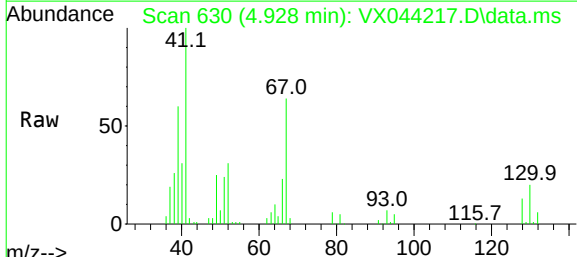
#41
Methacrylonitrile
Concen: 50.743 ug/l
RT: 4.928 min Scan# 63
Delta R.T. 0.012 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	69589
Ion	Ratio	Lower	Upper
41	100		
39	61.3	41.7	62.5
67	69.5	55.8	83.8
52	31.3	24.0	36.0

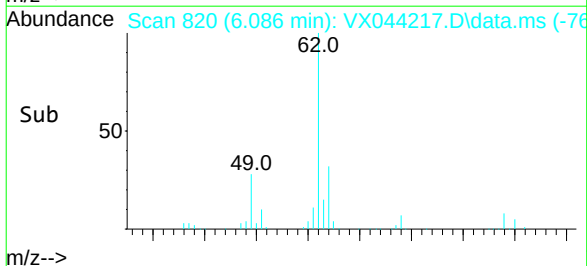
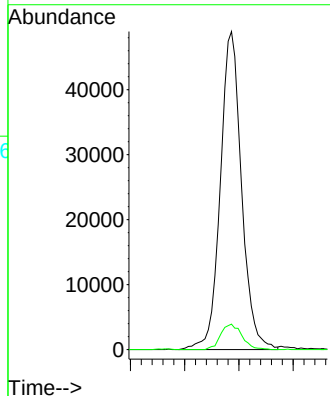
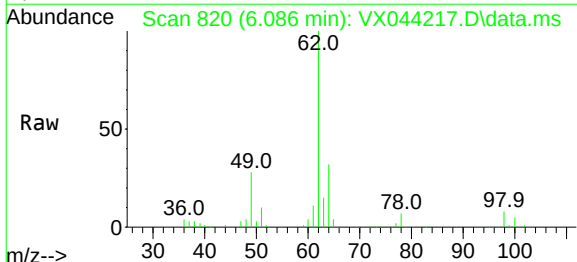
Manual Integrations
APPROVED

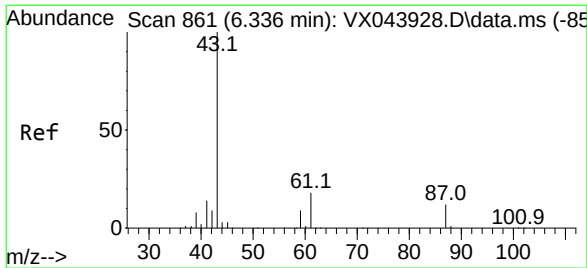
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#42
1,2-Dichloroethane
Concen: 49.283 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.012 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Tgt Ion:	62	Resp:	133086
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.4





#43

Isopropyl Acetate

Concen: 51.122 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

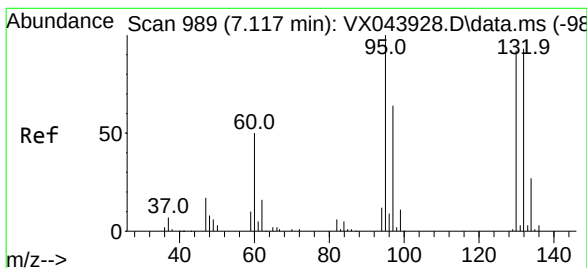
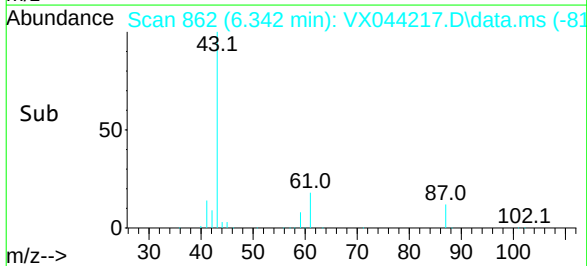
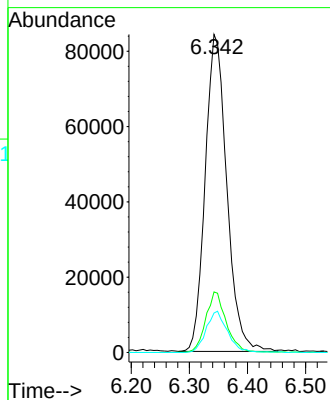
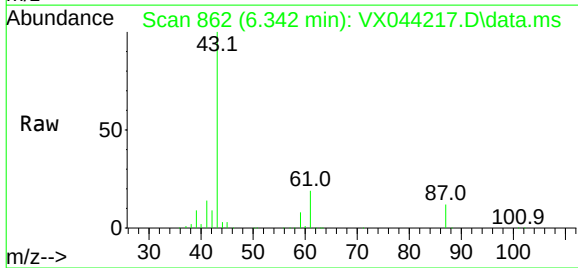
Tgt Ion:	43	Resp:	217997
Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.5	21.7
87	12.8	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#44

Trichloroethene

Concen: 40.071 ug/l

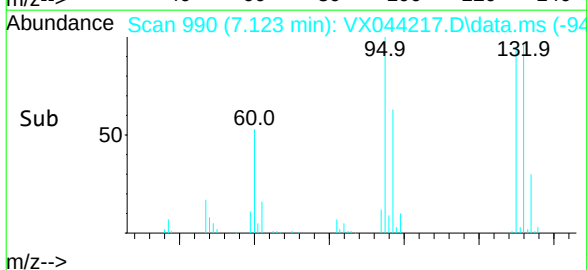
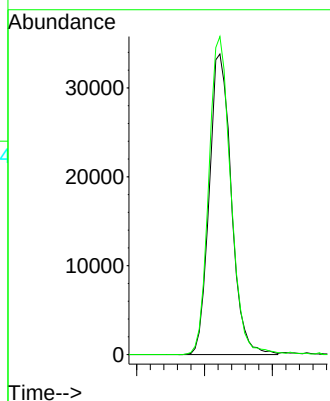
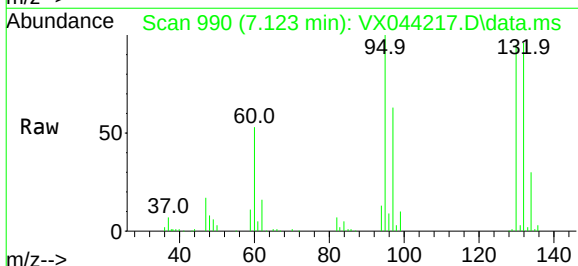
RT: 7.123 min Scan# 990

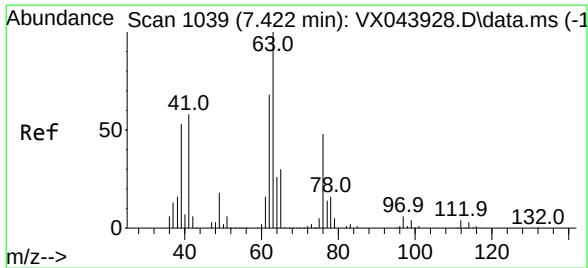
Delta R.T. 0.006 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Tgt Ion:	130	Resp:	76272
Ion	Ratio	Lower	Upper
130	100		
95	105.8	0.0	217.8





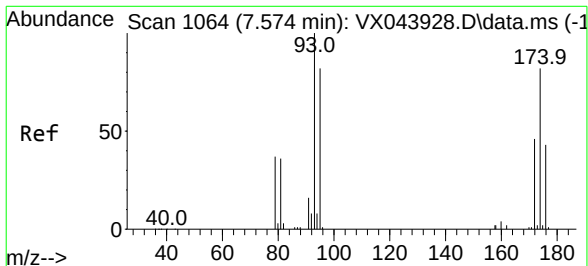
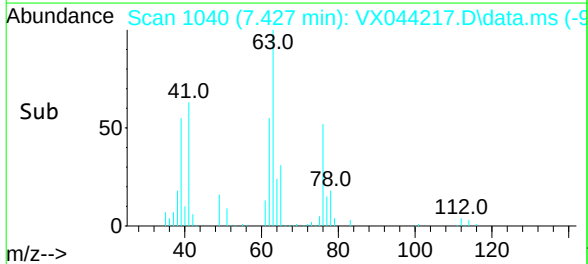
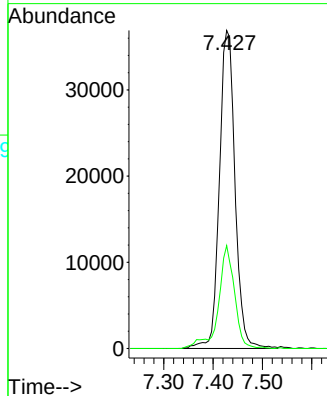
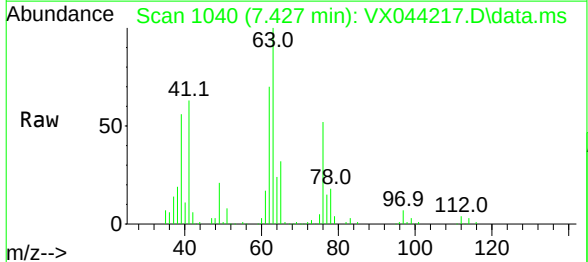
#45
1,2-Dichloropropane
Concen: 49.418 ug/l
RT: 7.427 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 81383
Ion Ratio Lower Upper
63 100
65 32.3 23.8 35.6

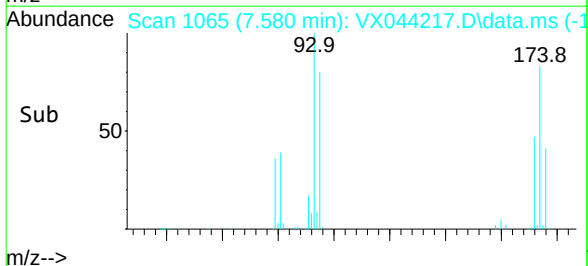
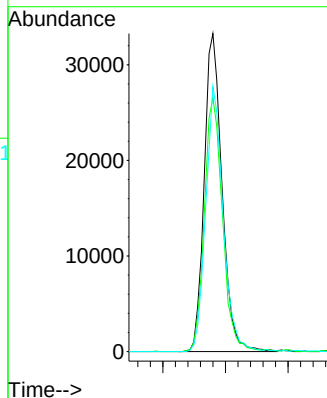
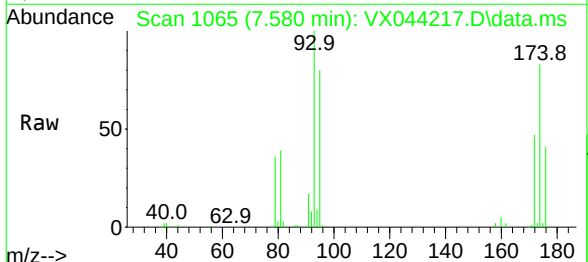
Manual Integrations
APPROVED

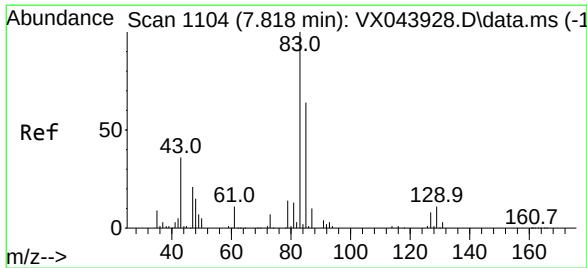
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#46
Dibromomethane
Concen: 50.501 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Tgt Ion: 93 Resp: 65788
Ion Ratio Lower Upper
93 100
95 81.5 66.2 99.4
174 81.5 69.6 104.4





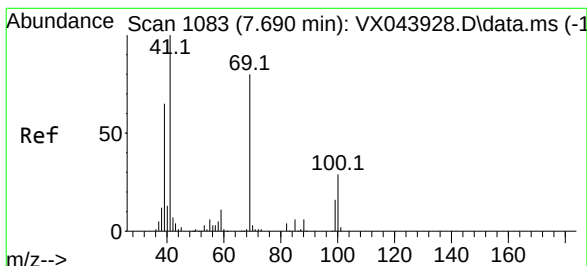
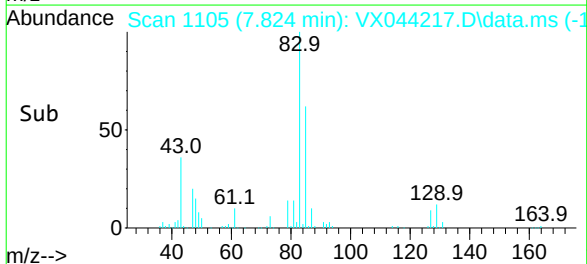
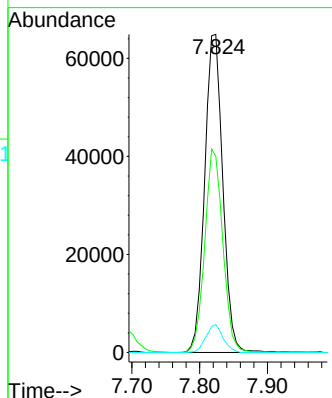
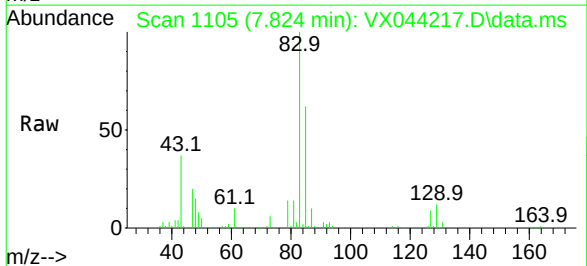
#47
Bromodichloromethane
Concen: 51.522 ug/l
RT: 7.824 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 120375
Ion Ratio Lower Upper
83 100
85 61.7 51.4 77.0
127 8.8 6.6 10.0

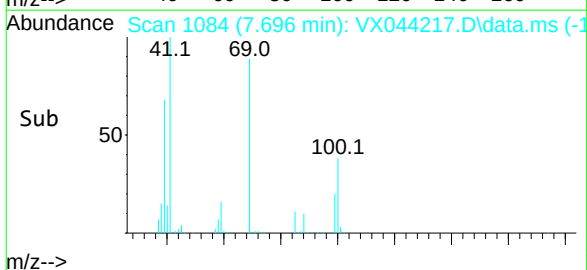
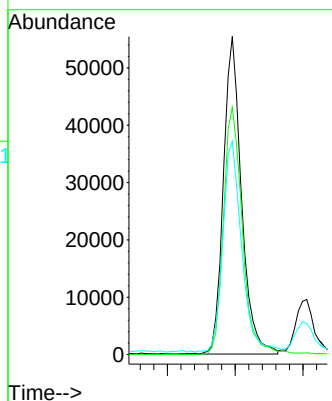
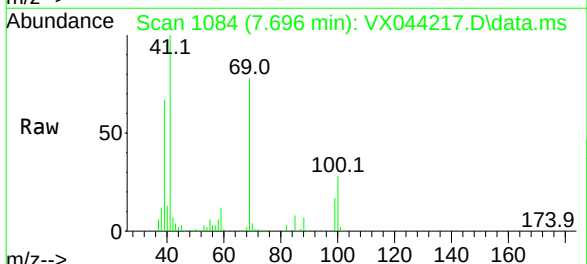
Manual Integrations
APPROVED

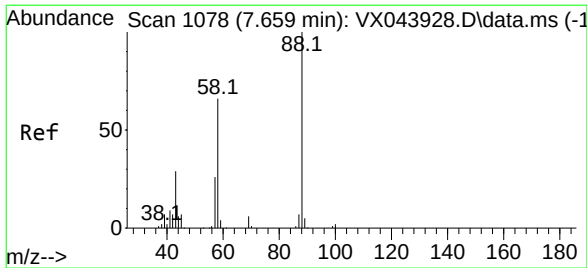
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#48
Methyl methacrylate
Concen: 50.075 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

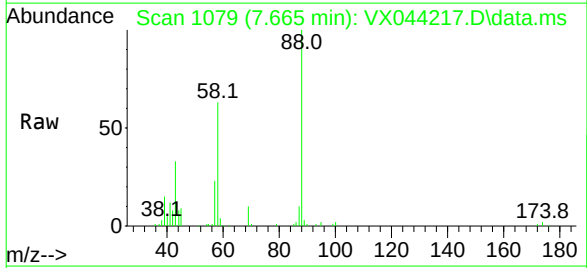
Tgt Ion: 41 Resp: 102462
Ion Ratio Lower Upper
41 100
69 81.8 64.6 97.0
39 68.8 53.3 79.9





#49
1,4-Dioxane
Concen: 846.622 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

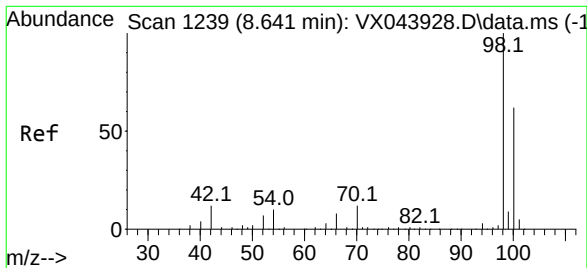
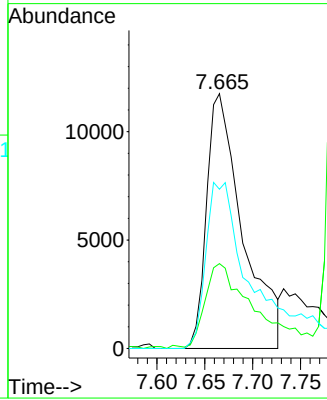
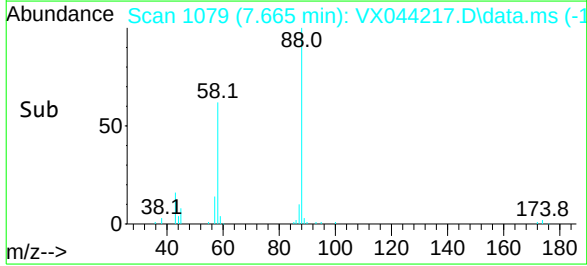
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 30858
Ion Ratio Lower Upper
88 100
43 46.1 26.8 40.2#
58 86.7 45.4 68.2#

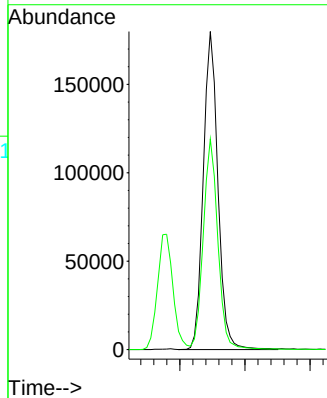
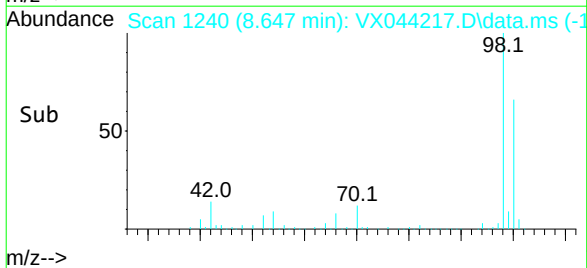
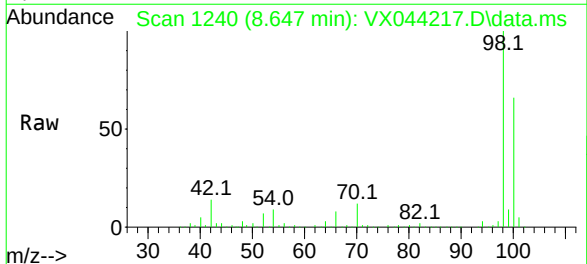
Manual Integrations
APPROVED

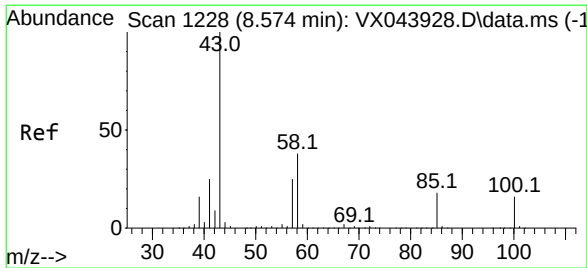
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#50
Toluene-d8
Concen: 47.129 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Tgt Ion: 98 Resp: 281415
Ion Ratio Lower Upper
98 100
100 65.7 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 276.463 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 719431

Ion Ratio Lower Upper

43 100

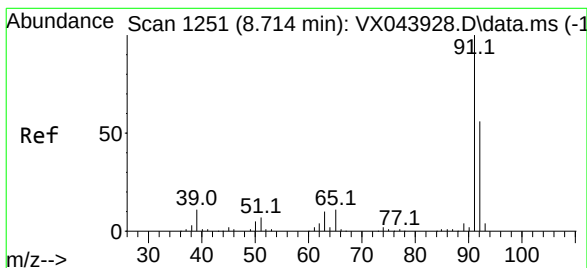
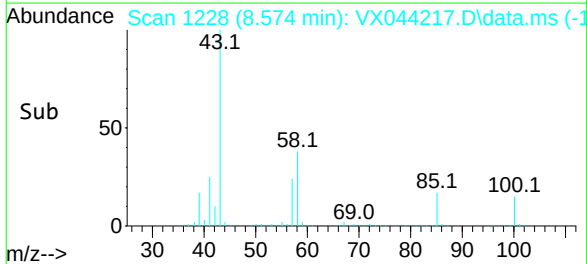
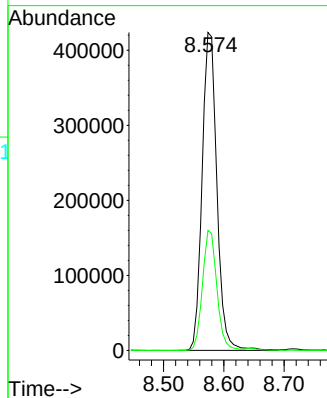
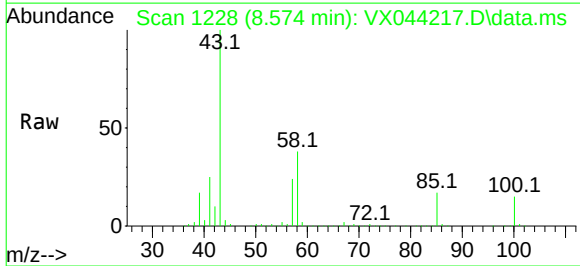
58 36.8 30.0 45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#52

Toluene

Concen: 49.112 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044217.D

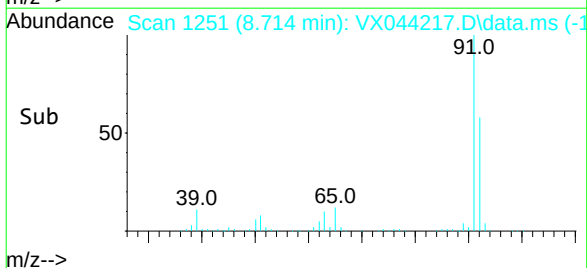
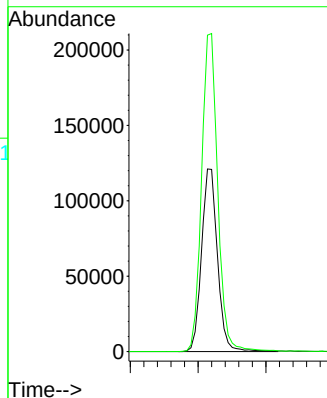
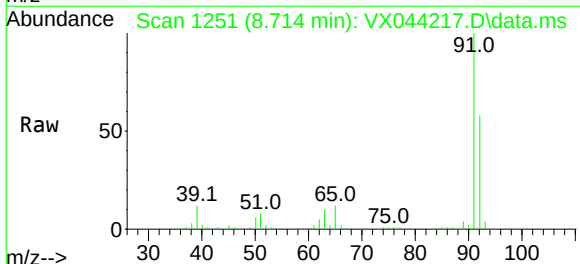
Acq: 10 Dec 2024 18:44

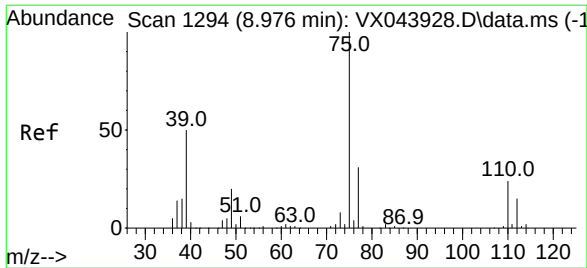
Tgt Ion: 92 Resp: 197647

Ion Ratio Lower Upper

92 100

91 176.1 139.7 209.5





#53
t-1,3-Dichloropropene
Concen: 50.525 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Instrument :

MSVOA_X

ClientSampleId :

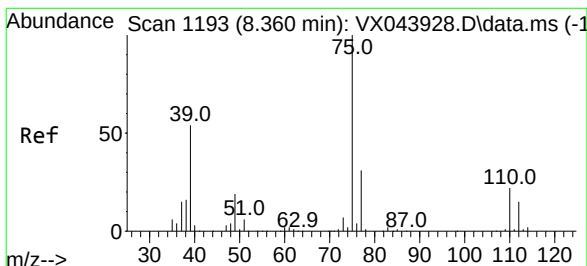
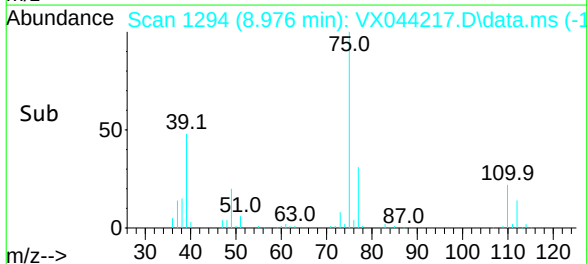
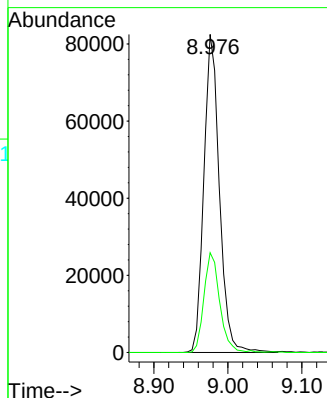
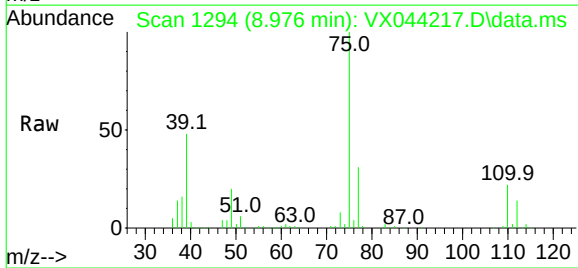
VSTDCCC050EC

Tgt Ion: 75 Resp: 120376
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7

Manual Integrations

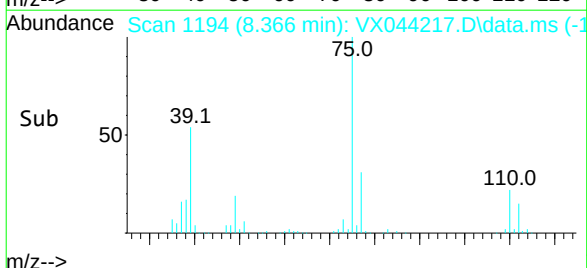
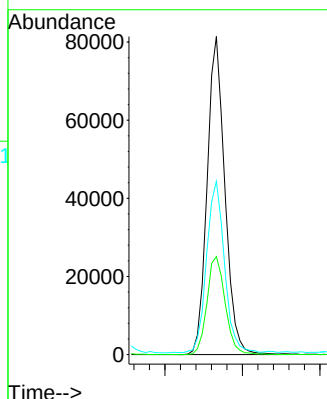
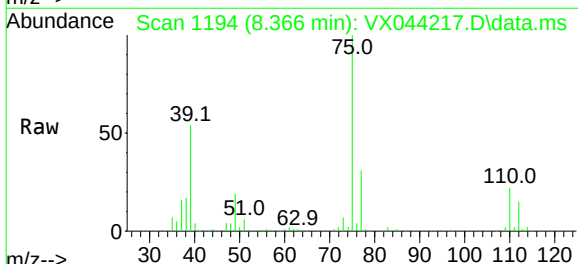
APPROVED

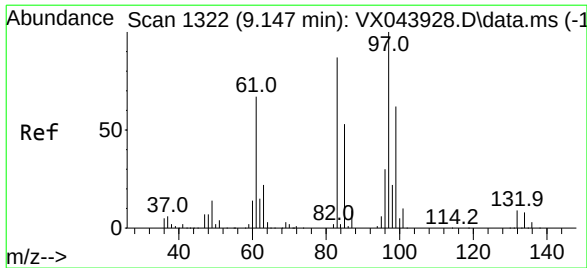
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#54
cis-1,3-Dichloropropene
Concen: 49.583 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

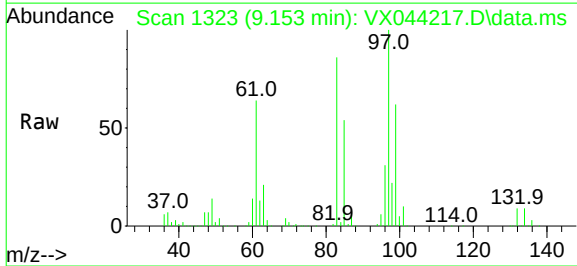
Tgt Ion: 75 Resp: 129505
Ion Ratio Lower Upper
75 100
77 30.8 25.2 37.8
39 53.8 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 51.024 ug/l
RT: 9.153 min Scan# 1322
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

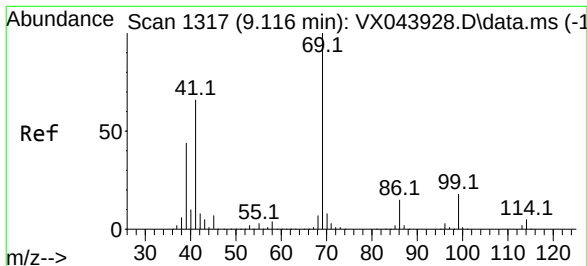
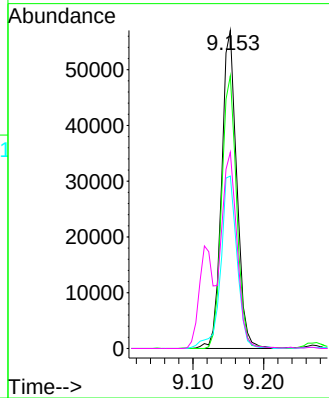
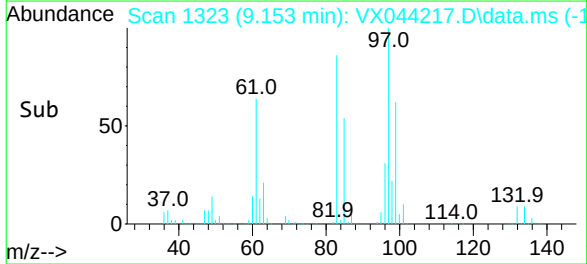
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97	Resp: 84764
Ion Ratio	Lower Upper
97	100
83	85.7 69.4 104.0
85	54.2 42.3 63.5
99	61.7 49.6 74.4

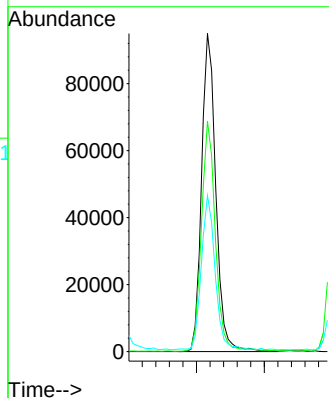
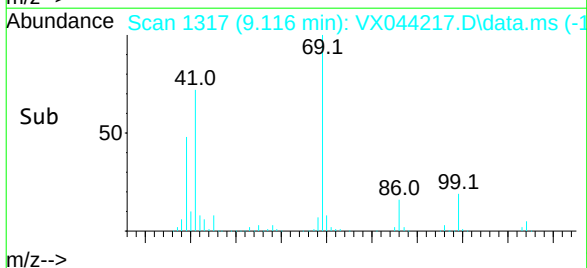
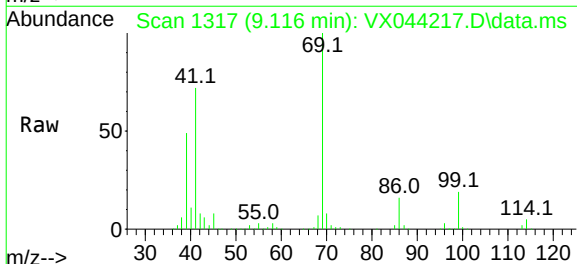
Manual Integrations
APPROVED

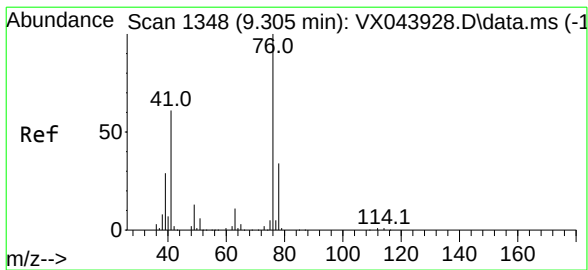
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#56
Ethyl methacrylate
Concen: 53.395 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

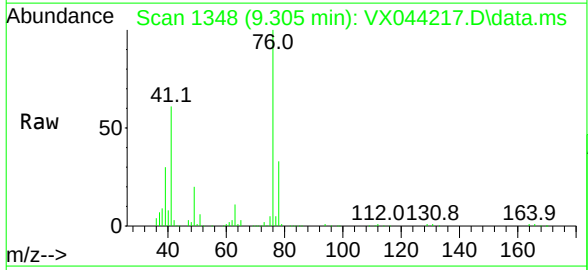
Tgt Ion: 69	Resp: 138164
Ion Ratio	Lower Upper
69	100
41	71.2 55.8 83.8
39	47.1 36.7 55.1





#57
1,3-Dichloropropane
Concen: 50.557 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

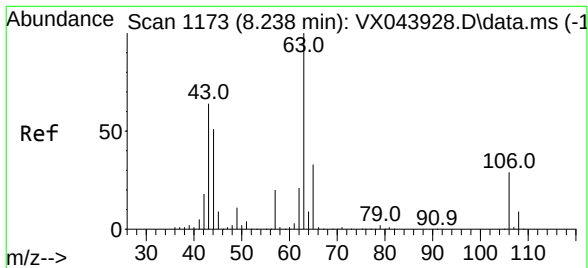
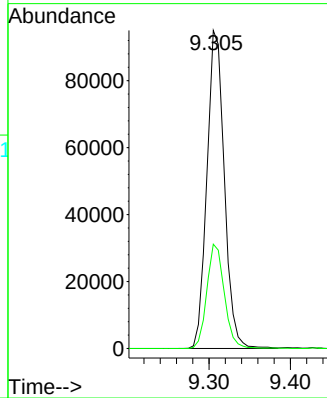
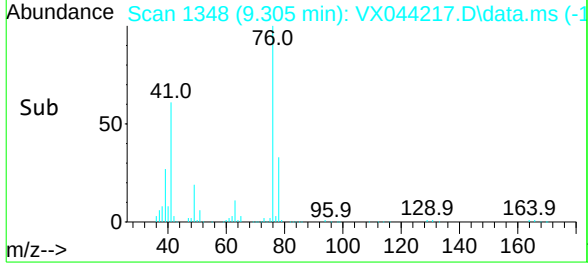
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 141482
Ion Ratio Lower Upper
76 100
78 32.9 26.0 39.0

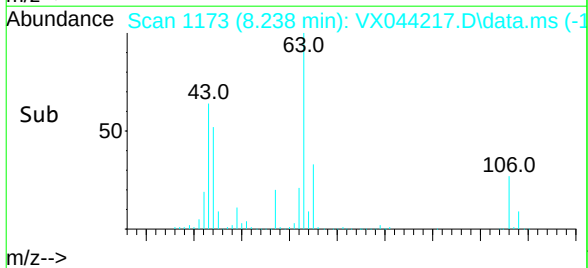
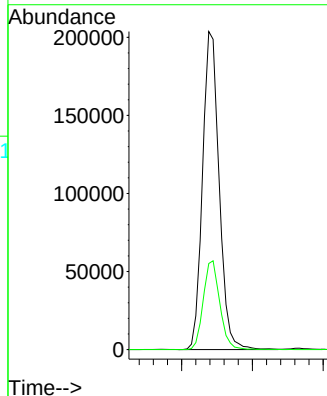
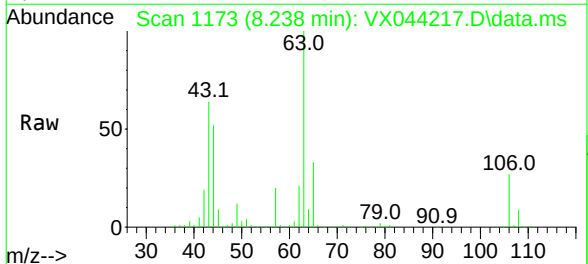
Manual Integrations
APPROVED

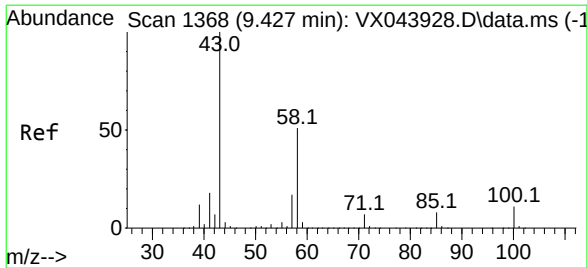
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#58
2-Chloroethyl Vinyl ether
Concen: 234.142 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Tgt Ion: 63 Resp: 332302
Ion Ratio Lower Upper
63 100
106 27.8 23.0 34.6





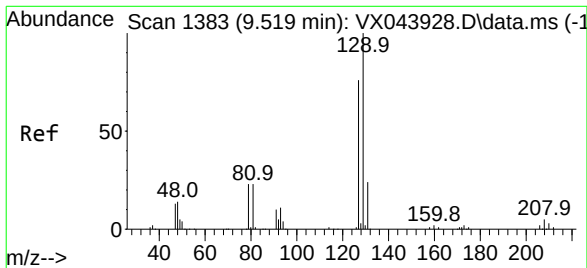
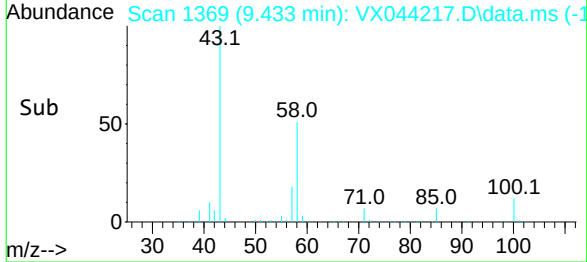
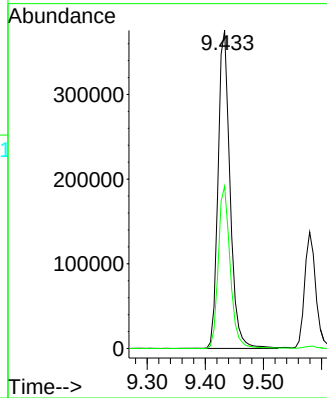
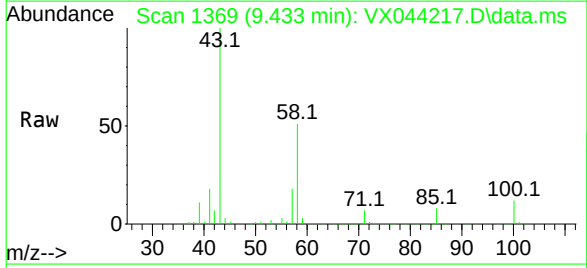
#59
2-Hexanone
Concen: 275.412 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 538686
Ion Ratio Lower Upper
43 100
58 50.8 25.9 77.6

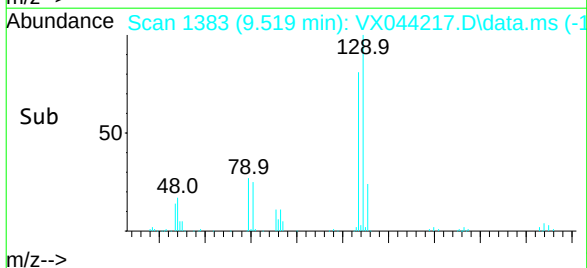
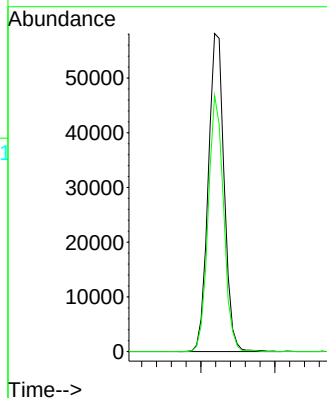
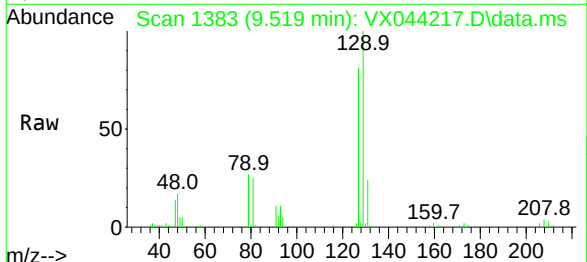
Manual Integrations
APPROVED

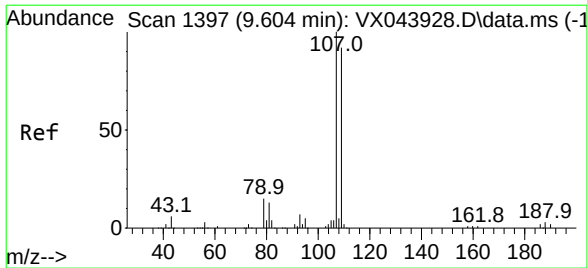
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#60
Dibromochloromethane
Concen: 52.109 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

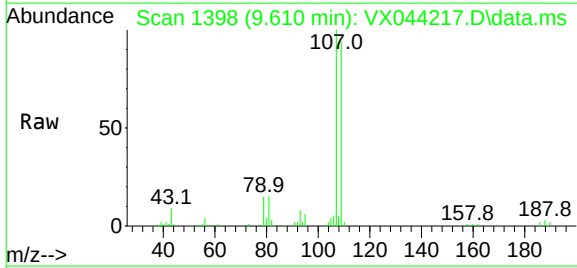
Tgt Ion:129 Resp: 86855
Ion Ratio Lower Upper
129 100
127 77.7 38.2 114.6





#61
1,2-Dibromoethane
Concen: 52.266 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

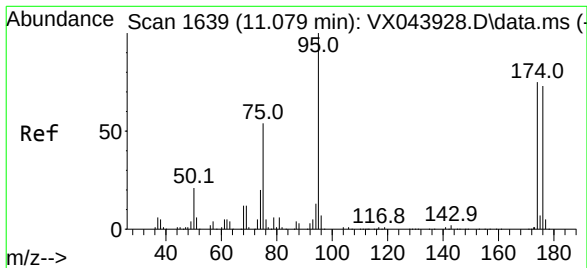
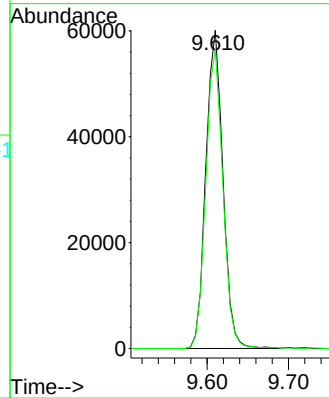
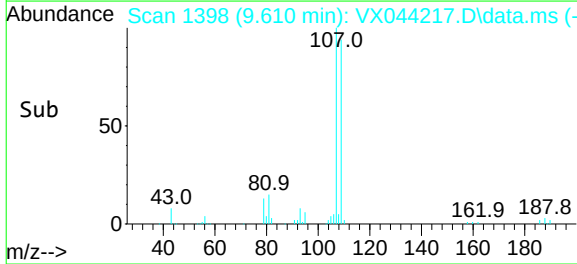
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



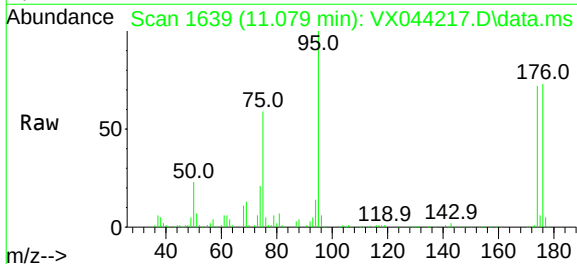
Tgt Ion: 107 Resp: 87795
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8

Manual Integrations
APPROVED

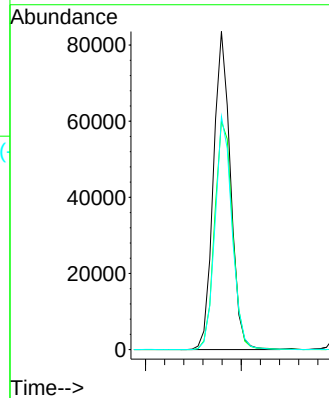
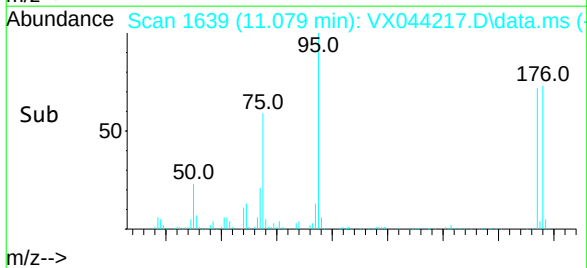
Reviewed By : John Carlone 12/11/2024
Supervised By : Mahesh Dadoda 12/11/2024

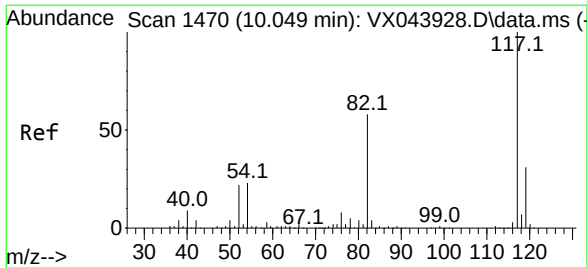


#62
4-Bromofluorobenzene
Concen: 51.003 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44



Tgt Ion: 95 Resp: 103646
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.4
176 72.8 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

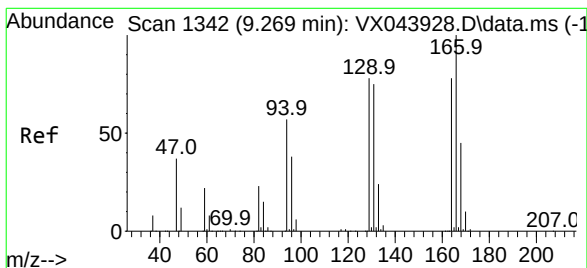
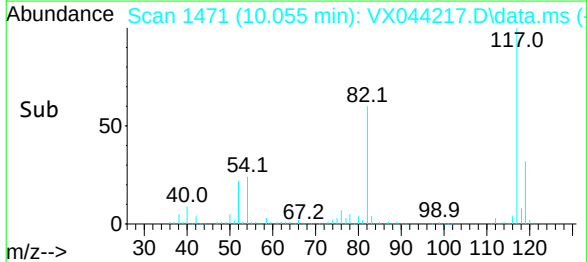
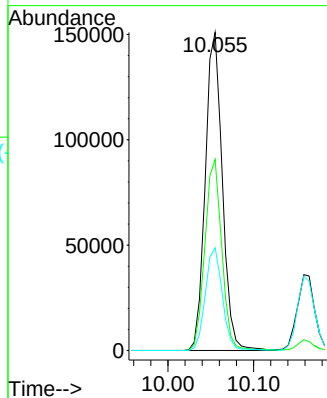
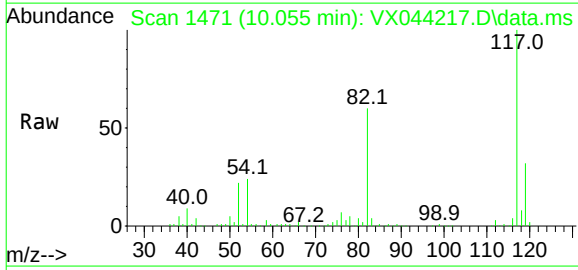
Tgt Ion:	117	Resp:	208962
Ion	Ratio	Lower	Upper
117	100		
82	60.1	46.4	69.6
119	32.3	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#64

Tetrachloroethene

Concen: 46.869 ug/l

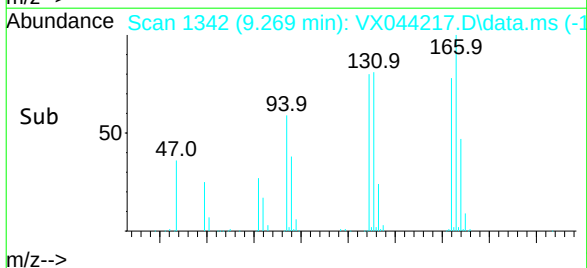
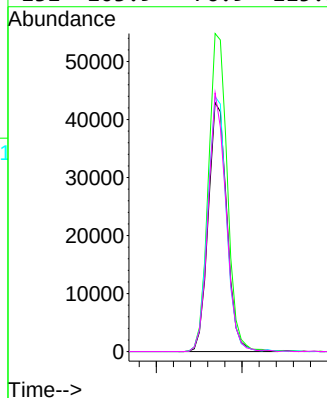
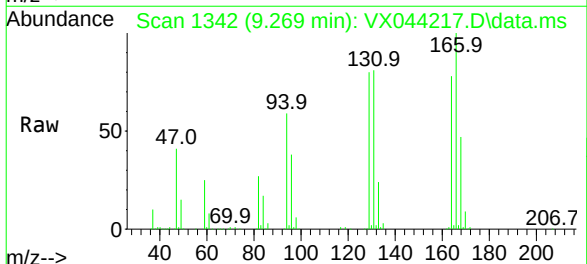
RT: 9.269 min Scan# 1342

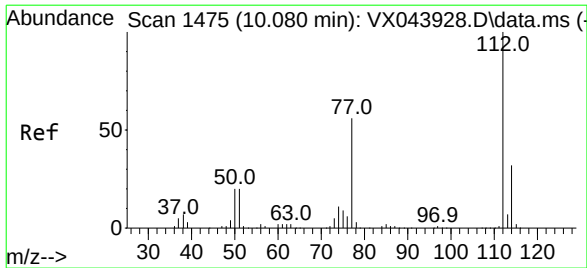
Delta R.T. -0.000 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Tgt Ion:	164	Resp:	64579
Ion	Ratio	Lower	Upper
164	100		
166	127.8	102.1	153.1
129	102.4	79.6	119.4
131	103.9	76.9	115.3





#65

Chlorobenzene

Concen: 48.841 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 224152

Ion Ratio Lower Upper

112 100

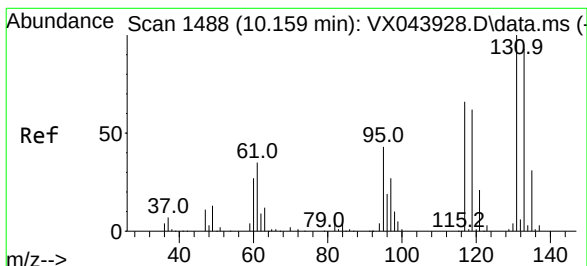
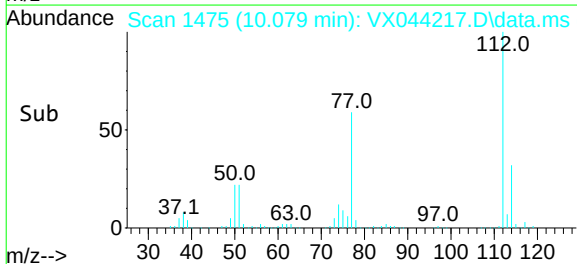
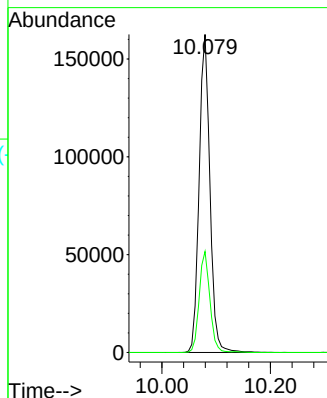
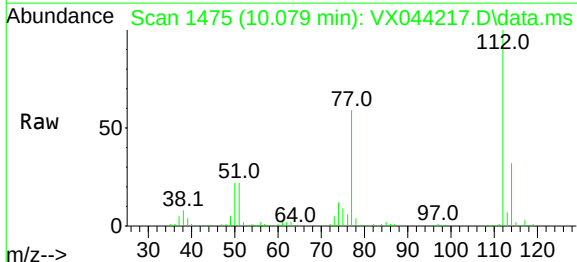
114 31.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 52.085 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

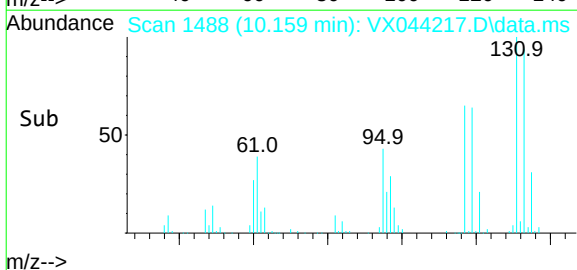
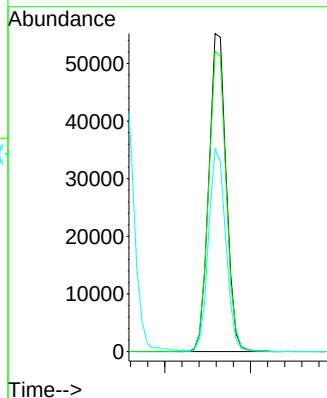
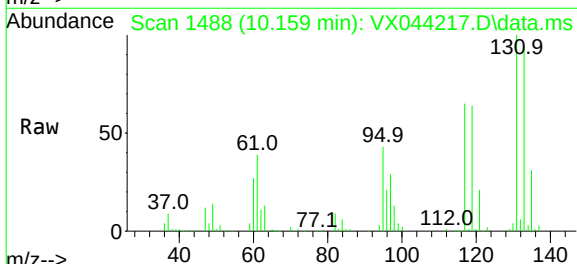
Tgt Ion:131 Resp: 77524

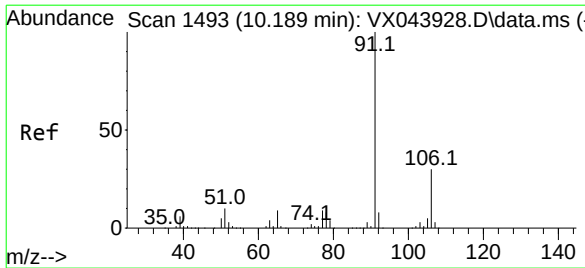
Ion Ratio Lower Upper

131 100

133 95.6 48.2 144.6

119 63.5 31.5 94.5





#67

Ethyl Benzene

Concen: 50.145 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 389963

Ion Ratio Lower Upper

91 100

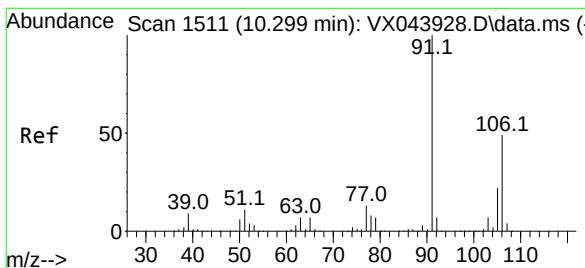
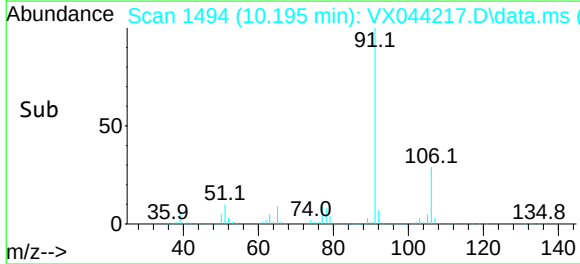
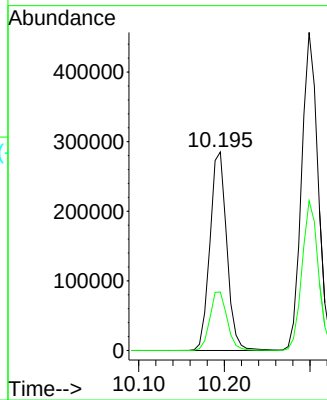
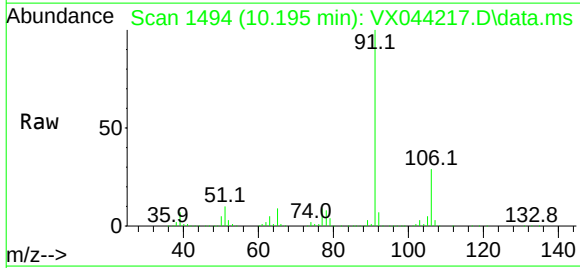
106 29.4 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#68

m/p-Xylenes

Concen: 98.868 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044217.D

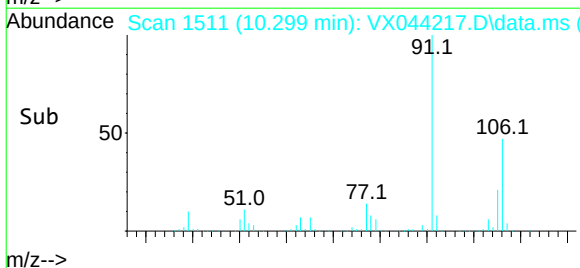
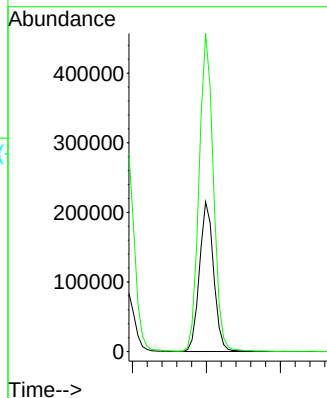
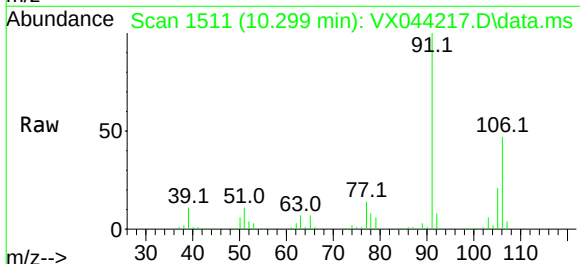
Acq: 10 Dec 2024 18:44

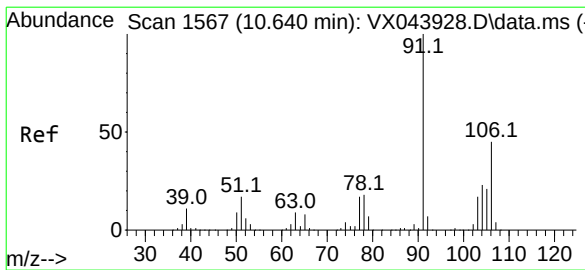
Tgt Ion:106 Resp: 286729

Ion Ratio Lower Upper

106 100

91 213.9 168.1 252.1





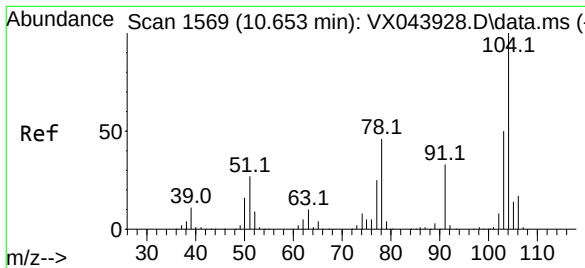
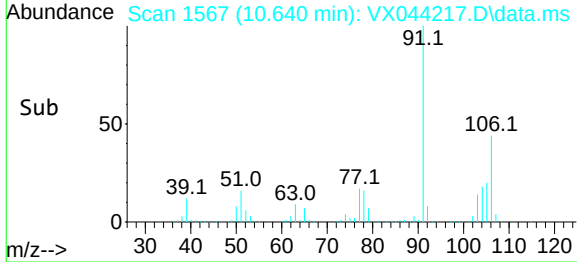
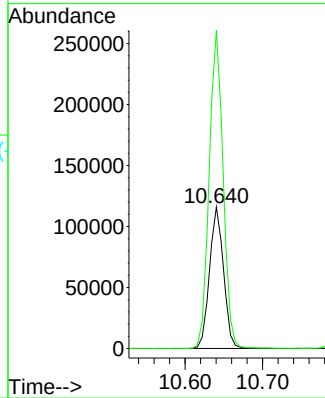
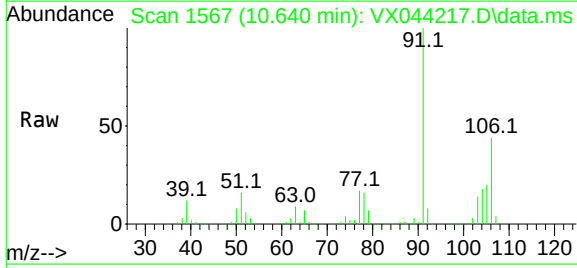
#69
o-Xylene
Concen: 51.522 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 145887
Ion Ratio Lower Upper
106 100
91 223.8 110.2 330.6

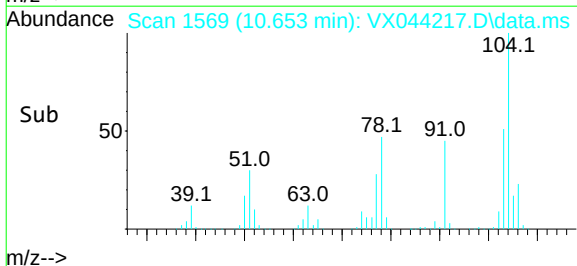
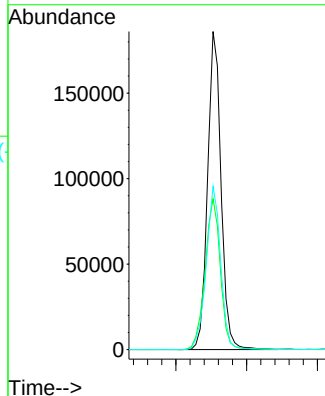
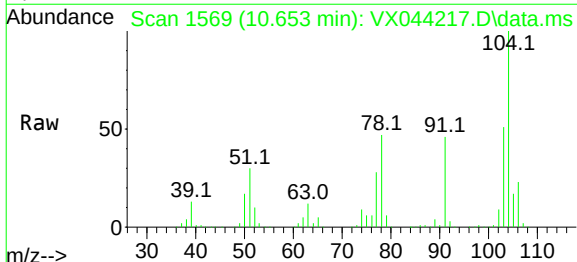
Manual Integrations
APPROVED

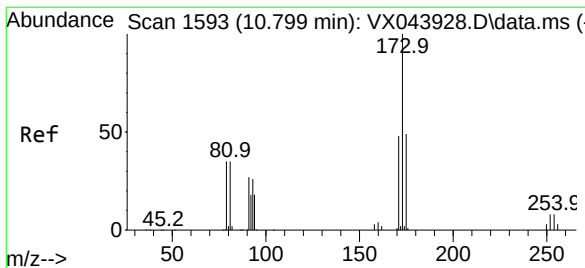
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#70
Styrene
Concen: 52.487 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Tgt Ion:104 Resp: 245812
Ion Ratio Lower Upper
104 100
78 54.1 42.2 63.2
103 55.4 44.7 67.1





#71

Bromoform

Concen: 47.096 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

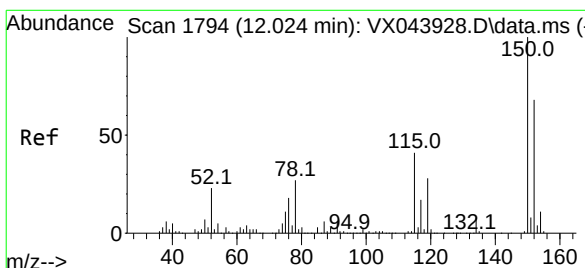
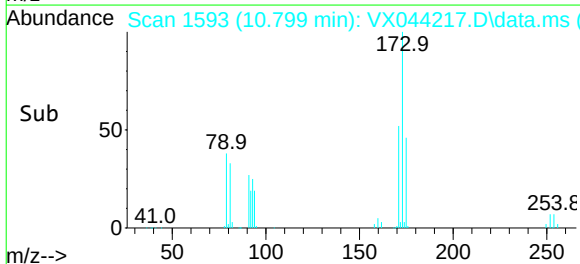
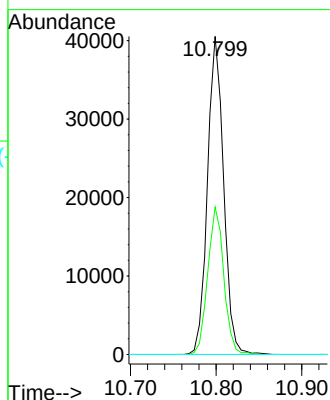
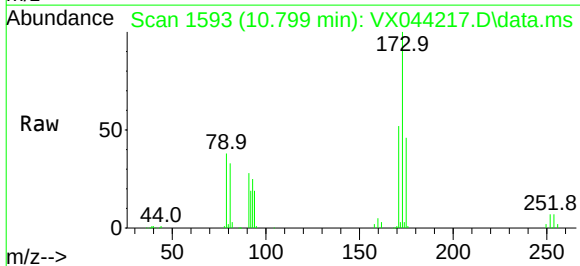
Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.2	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

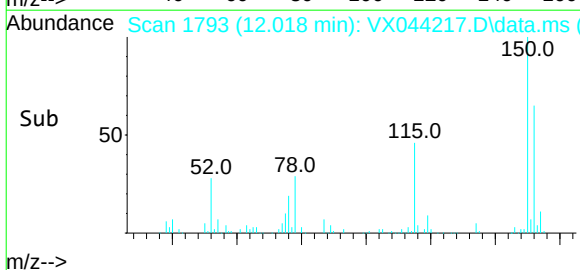
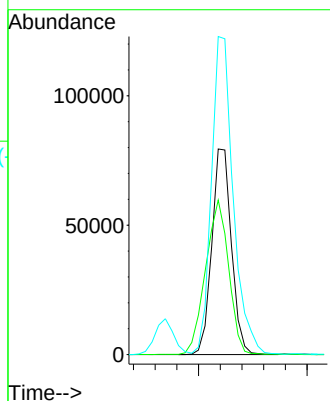
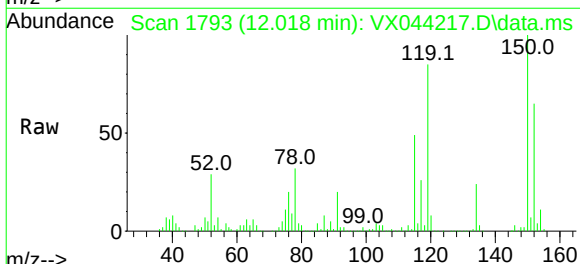
RT: 12.018 min Scan# 1793

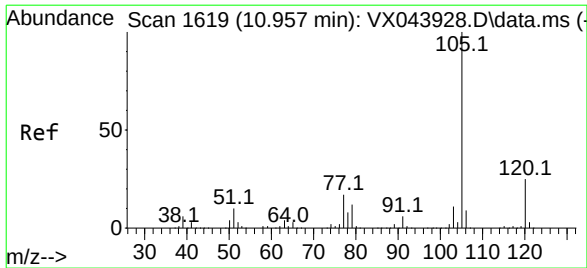
Delta R.T. -0.006 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	88.9	45.4	136.2
150	171.0	0.0	353.0





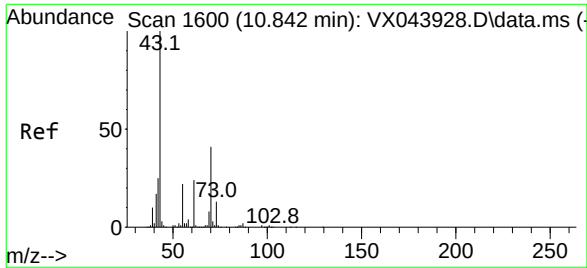
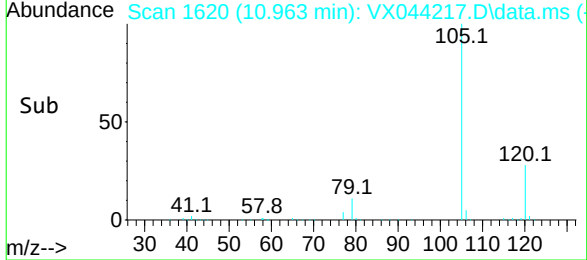
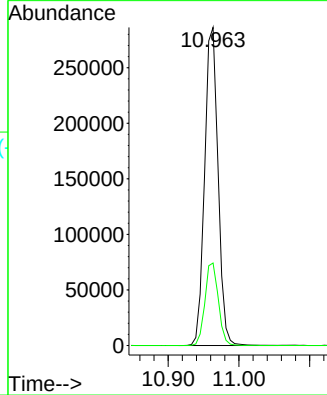
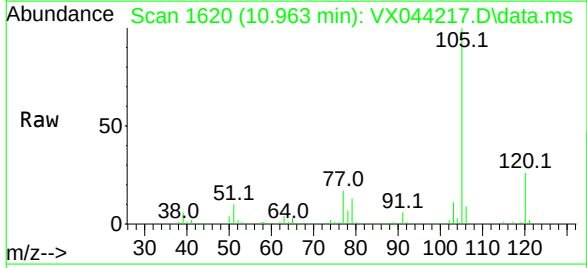
#73
Isopropylbenzene
Concen: 49.169 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 105 Resp: 377517
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9

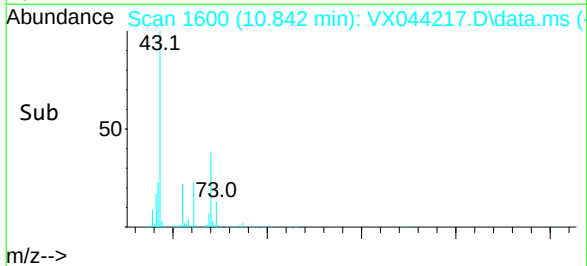
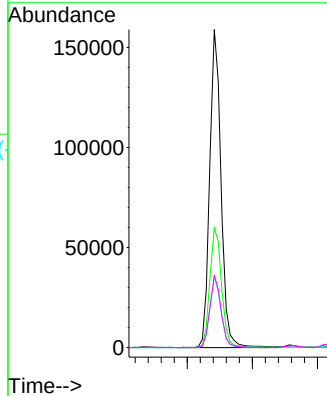
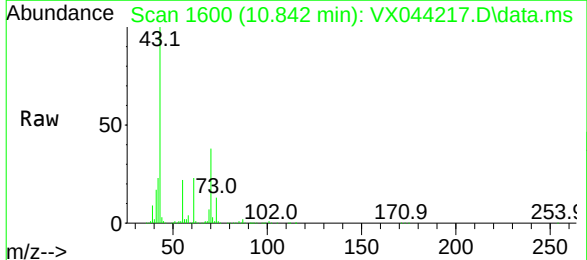
Manual Integrations
APPROVED

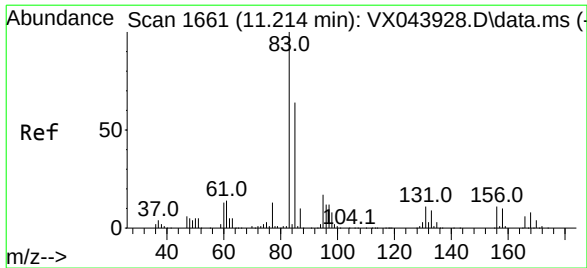
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#74
N-ethyl acetate
Concen: 54.137 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Tgt Ion: 43 Resp: 192555
Ion Ratio Lower Upper
43 100
70 39.1 32.2 48.2
55 22.0 18.1 27.1
61 22.3 18.4 27.6





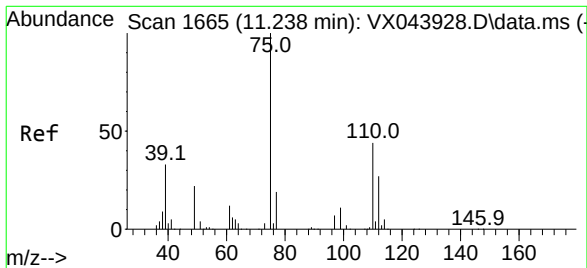
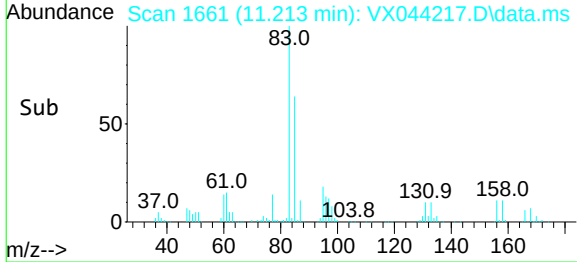
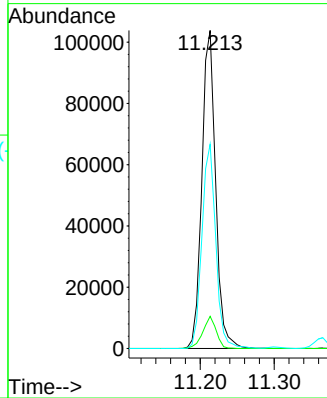
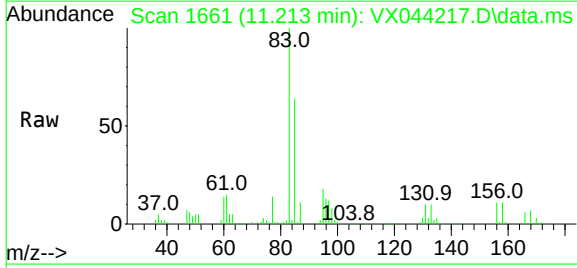
#75
1,1,2,2-Tetrachloroethane
Concen: 50.971 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	83	Resp:	134002
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.1	15.2
85	64.7	32.2	96.6

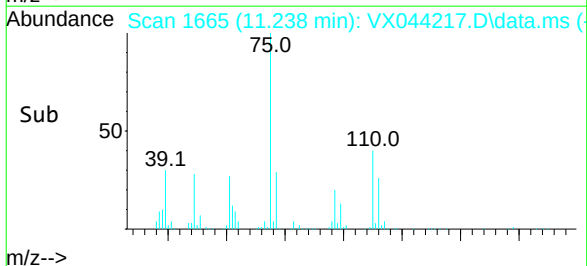
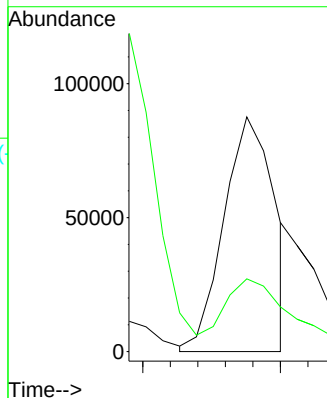
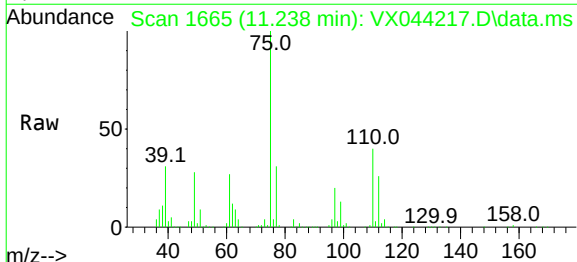
Manual Integrations
APPROVED

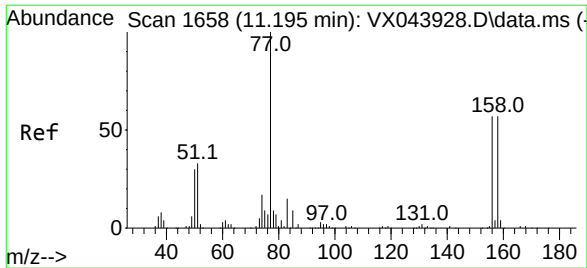
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#76
1,2,3-Trichloropropane
Concen: 51.183 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Tgt Ion:	75	Resp:	112114
Ion	Ratio	Lower	Upper
75	100		
77	41.8	21.8	65.3





#77

Bromobenzene

Concen: 48.243 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

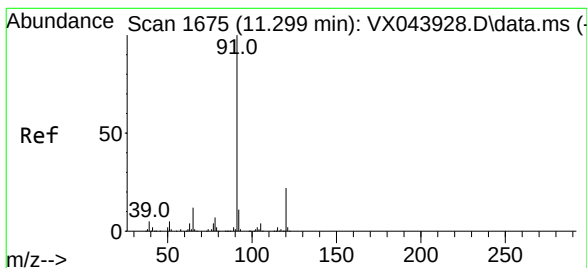
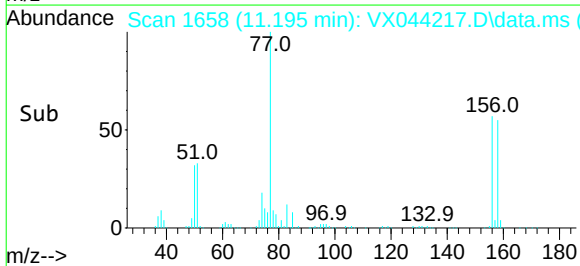
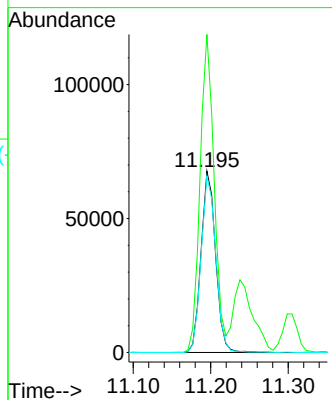
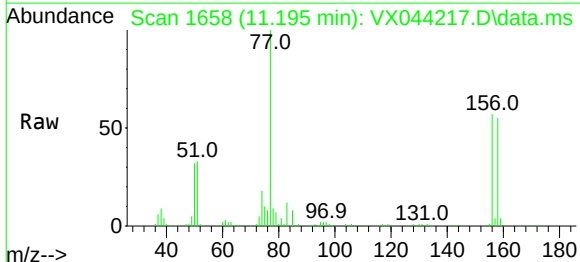
Tgt Ion:	156	Resp:	88361
Ion Ratio	Lower	Upper	
156	100		
77	169.5	83.4	250.1
158	98.3	47.6	142.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#78

n-propylbenzene

Concen: 49.451 ug/l

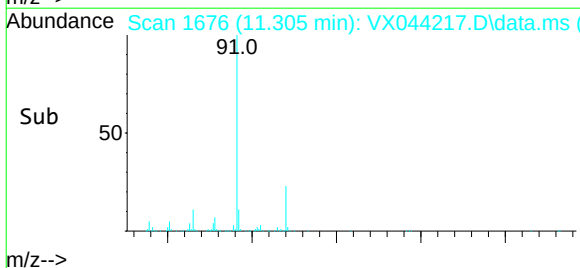
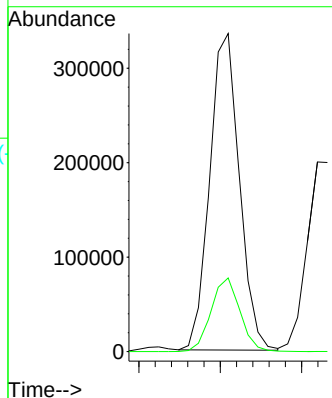
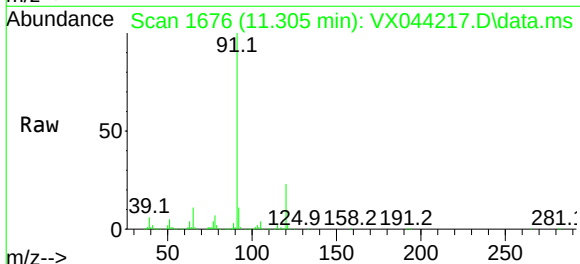
RT: 11.305 min Scan# 1676

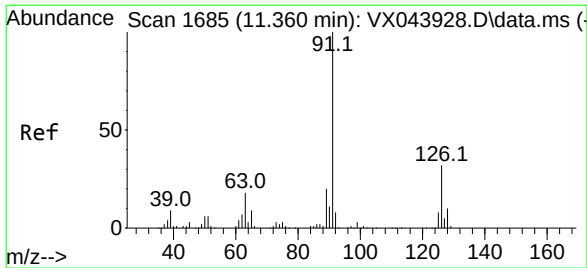
Delta R.T. 0.006 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Tgt Ion:	91	Resp:	424053
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.4





#79

2-Chlorotoluene

Concen: 48.850 ug/l

RT: 11.360 min Scan# 16

Delta R.T. -0.000 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 264885

Ion Ratio Lower Upper

91 100

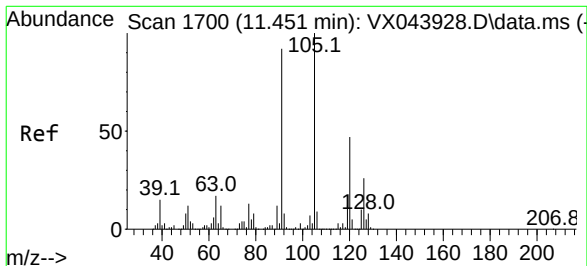
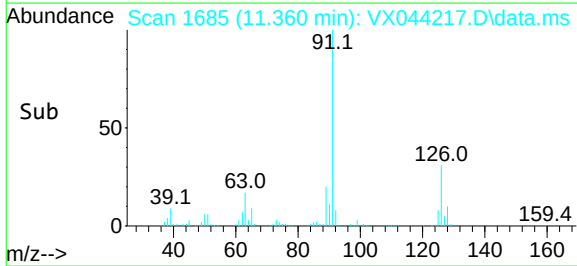
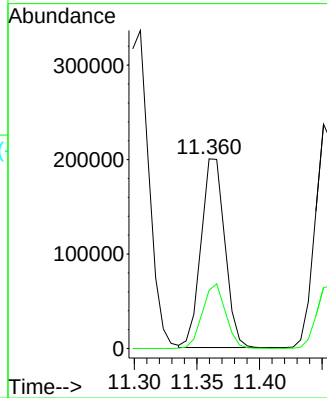
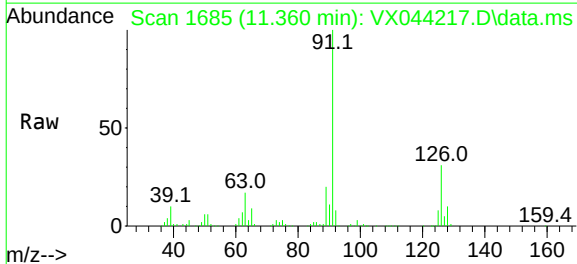
126 33.3 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#80

1,3,5-Trimethylbenzene

Concen: 50.452 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044217.D

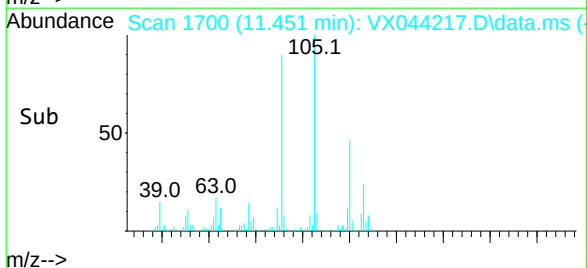
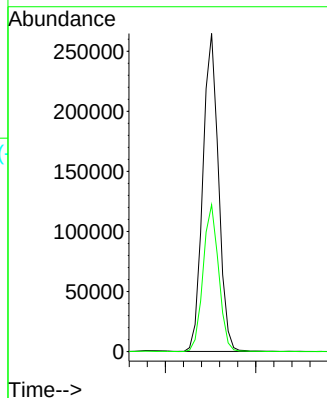
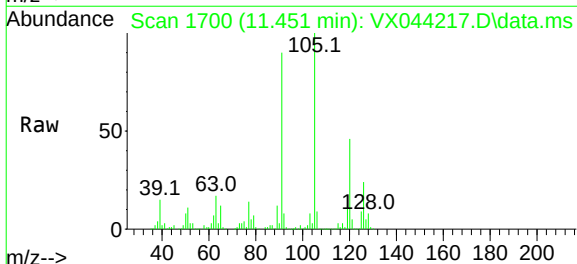
Acq: 10 Dec 2024 18:44

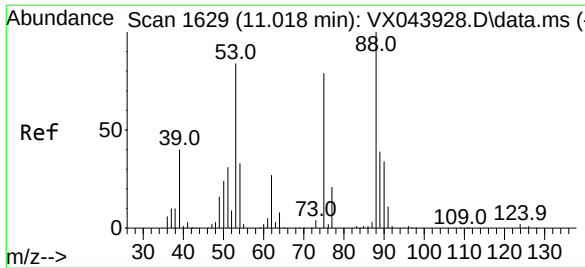
Tgt Ion:105 Resp: 318691

Ion Ratio Lower Upper

105 100

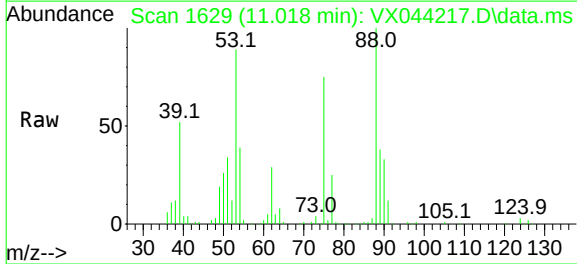
120 45.8 23.3 69.8





#81
trans-1,4-Dichloro-2-butene
Concen: 44.234 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

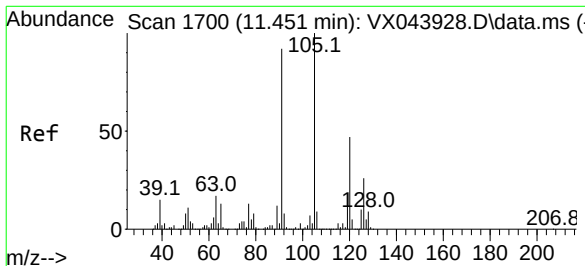
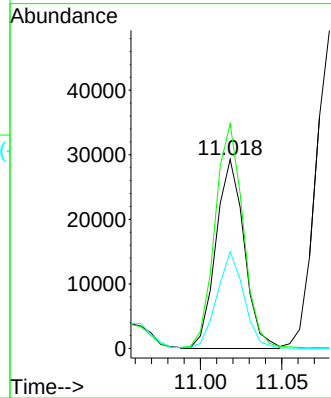
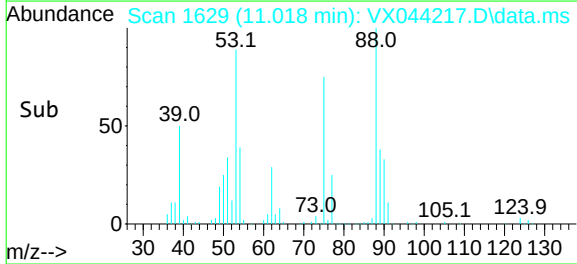
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 35508
Ion Ratio Lower Upper
75 100
53 117.6 86.7 130.1
89 48.6 38.2 57.2

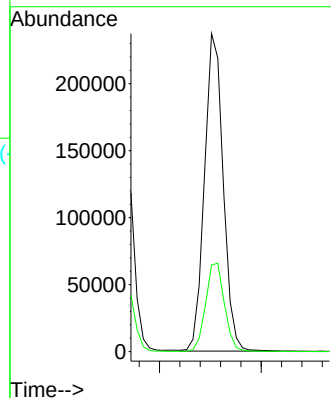
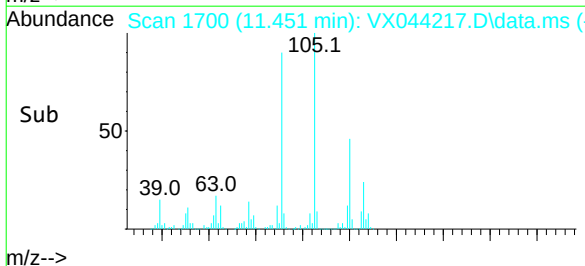
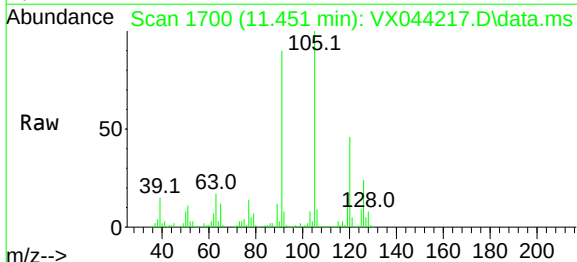
Manual Integrations
APPROVED

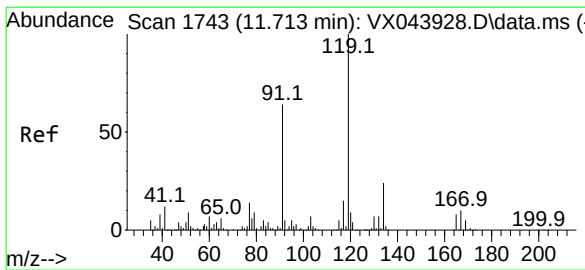
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#82
4-Chlorotoluene
Concen: 49.428 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Tgt Ion: 91 Resp: 302591
Ion Ratio Lower Upper
91 100
126 28.2 14.3 42.9





#83

tert-Butylbenzene

Concen: 50.593 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

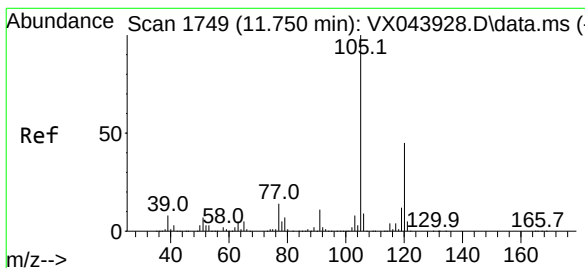
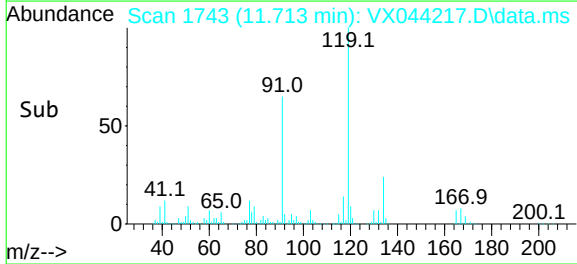
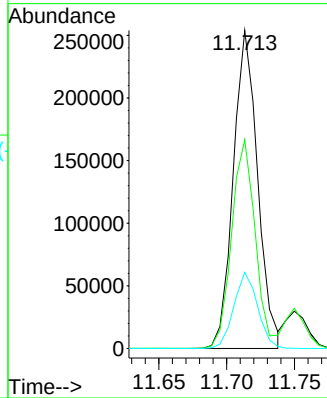
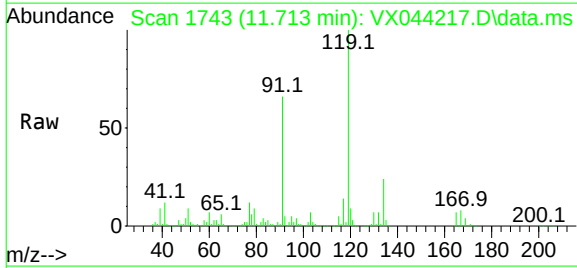
Tgt Ion:	119	Resp:	316761
Ion Ratio	Lower	Upper	
119	100		
91	63.9	31.0	93.0
134	23.4	11.6	34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#84

1,2,4-Trimethylbenzene

Concen: 50.339 ug/l

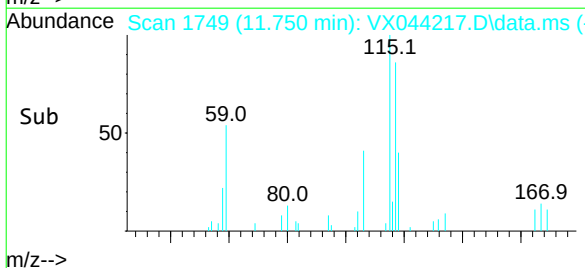
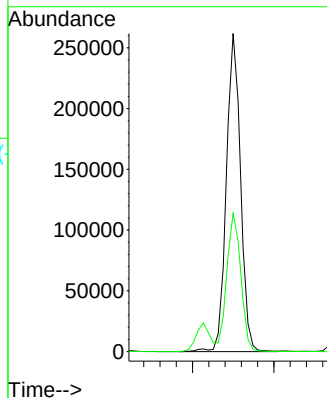
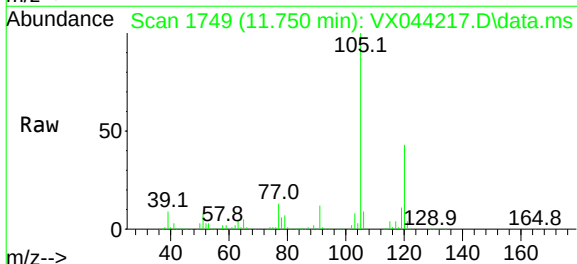
RT: 11.750 min Scan# 1749

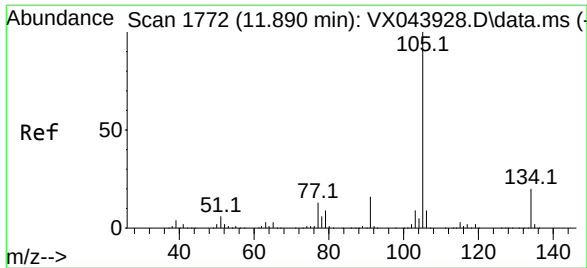
Delta R.T. -0.000 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Tgt Ion:	105	Resp:	316576
Ion Ratio	Lower	Upper	
105	100		
120	42.6	21.9	65.7





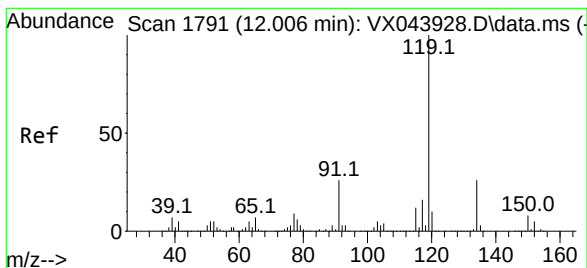
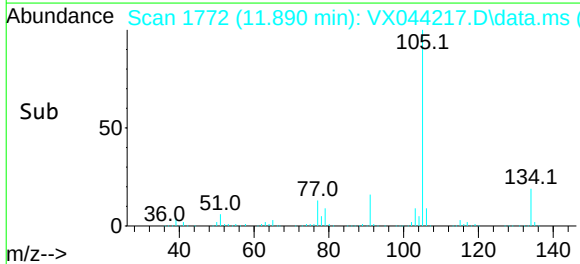
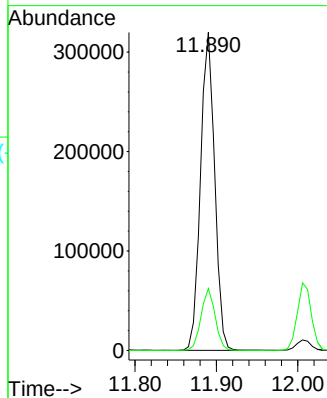
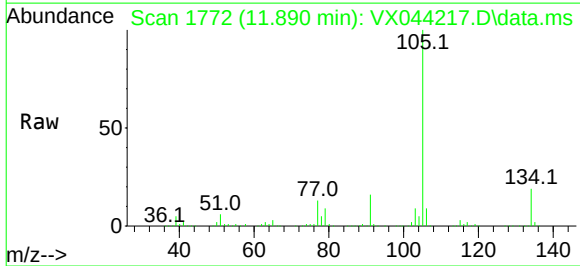
#85
sec-Butylbenzene
Concen: 50.357 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 386295
Ion Ratio Lower Upper
105 100
134 19.5 9.7 29.1

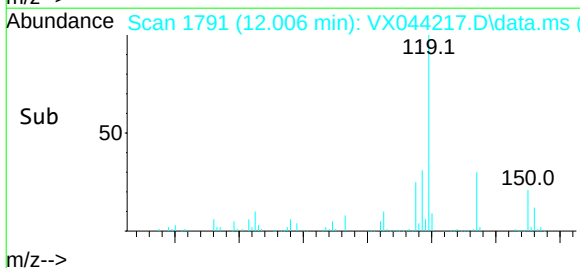
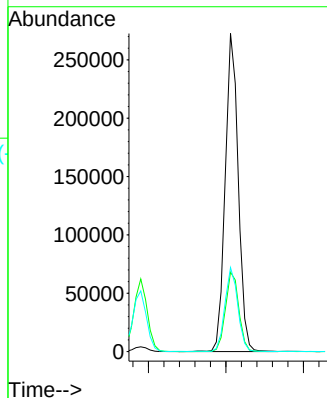
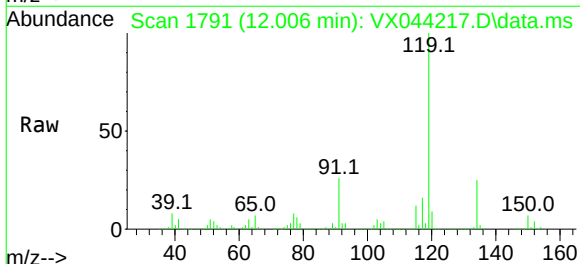
Manual Integrations
APPROVED

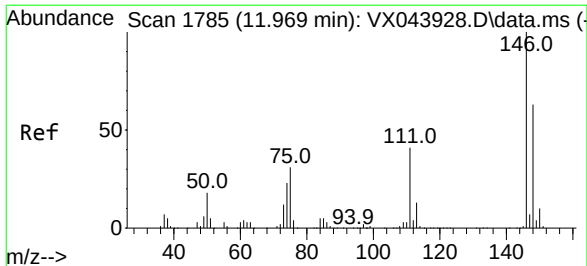
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#86
p-Isopropyltoluene
Concen: 51.093 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

Tgt Ion:119 Resp: 318368
Ion Ratio Lower Upper
119 100
134 25.6 13.0 38.9
91 26.1 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 48.740 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

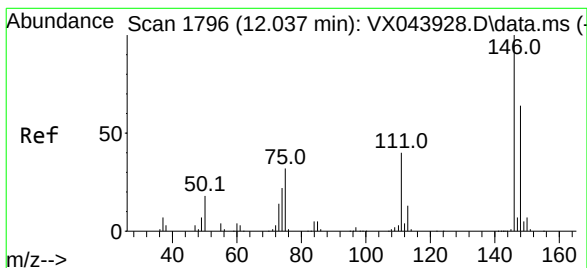
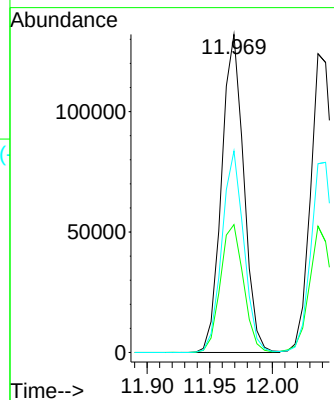
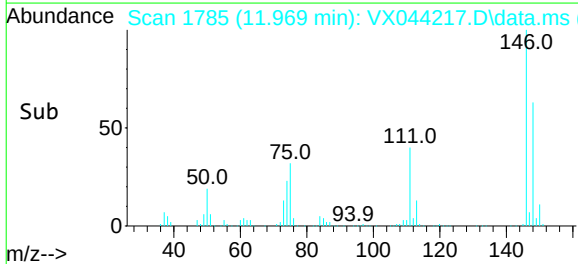
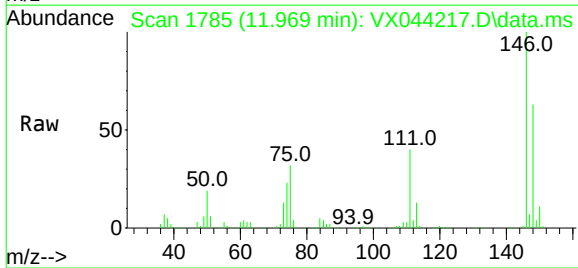
Tgt Ion:	146	Resp:	162593
Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.1	63.3
148	62.6	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#88

1,4-Dichlorobenzene

Concen: 46.977 ug/l

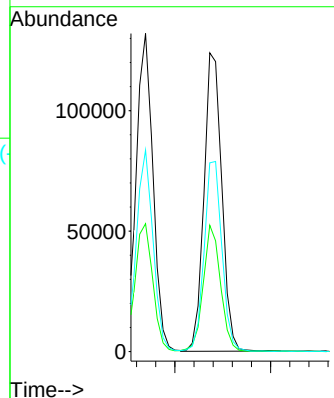
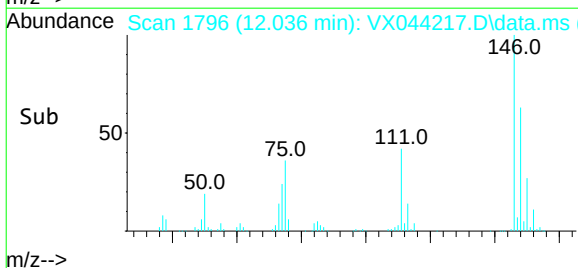
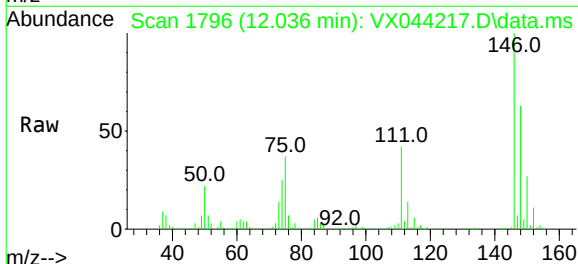
RT: 12.036 min Scan# 1796

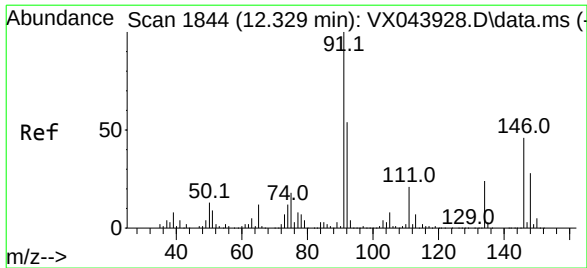
Delta R.T. -0.000 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

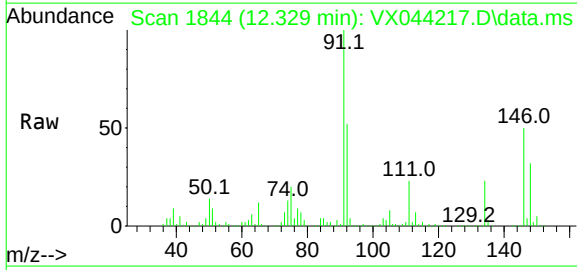
Tgt Ion:	146	Resp:	159770
Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.1	60.3
148	64.0	30.9	92.8





#89
n-Butylbenzene
Concen: 50.379 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

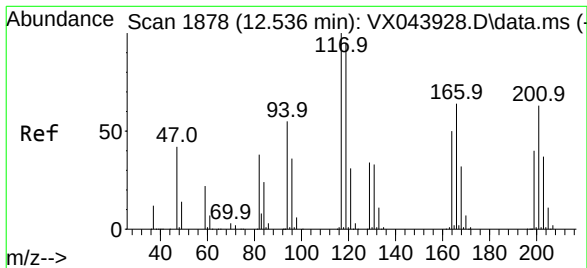
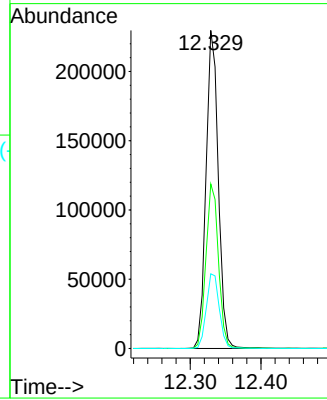
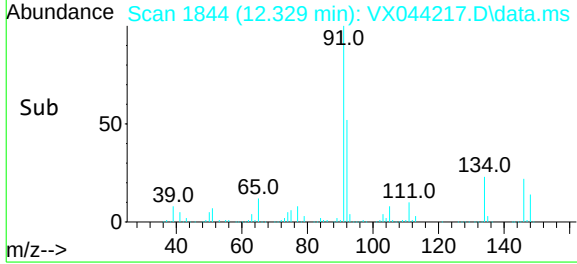
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 276773
Ion Ratio Lower Upper
91 100
92 52.9 26.6 79.8
134 24.8 12.4 37.2

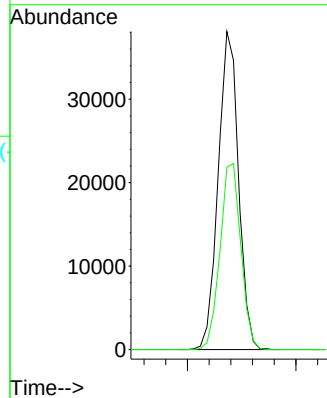
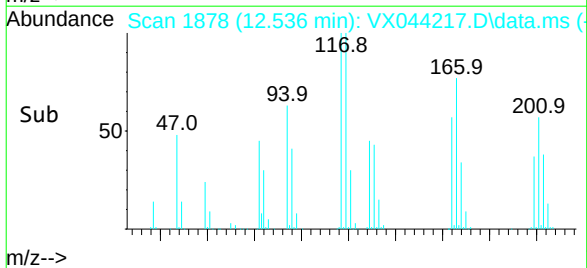
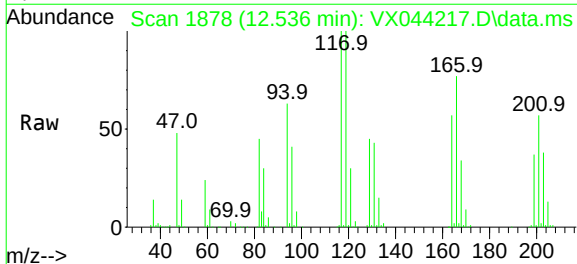
Manual Integrations
APPROVED

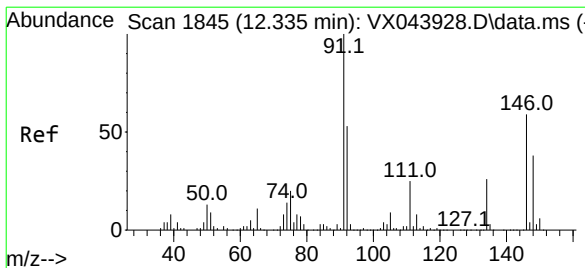
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#90
Hexachloroethane
Concen: 46.780 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

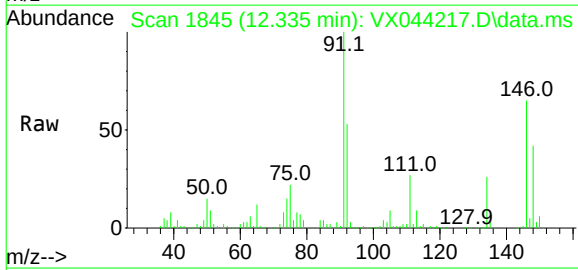
Tgt Ion:117 Resp: 49566
Ion Ratio Lower Upper
117 100
201 60.0 32.4 97.0





#91
1,2-Dichlorobenzene
Concen: 48.773 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44

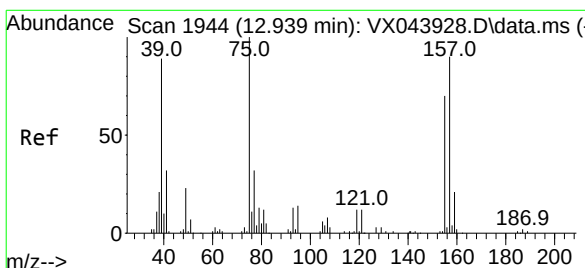
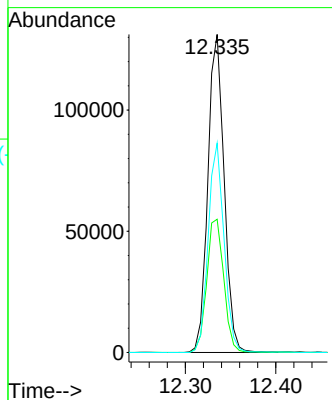
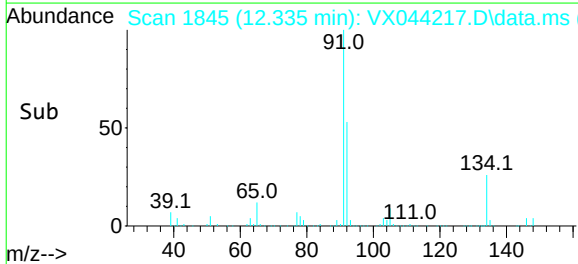
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



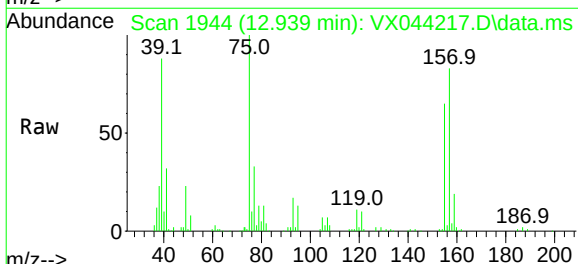
Tgt Ion: 146 Resp: 164195
Ion Ratio Lower Upper
146 100
111 43.9 21.5 64.5
148 64.3 31.9 95.5

Manual Integrations
APPROVED

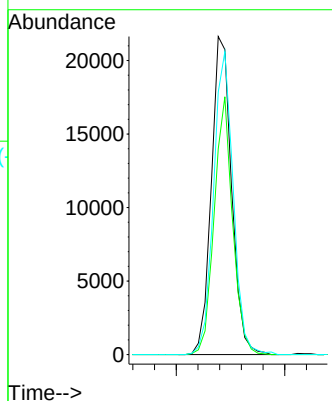
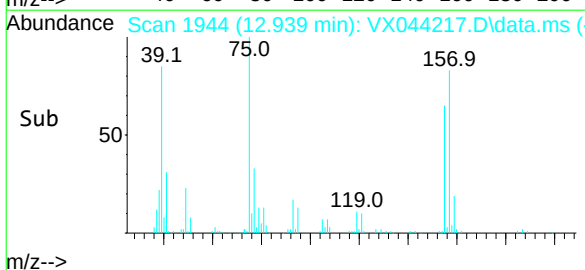
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

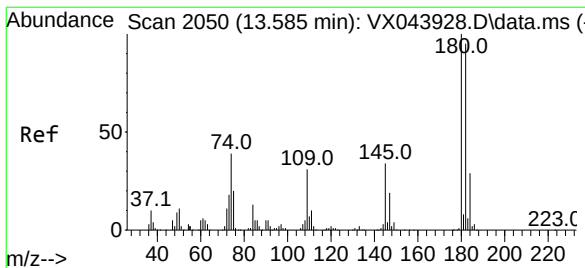


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.147 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX044217.D
Acq: 10 Dec 2024 18:44



Tgt Ion: 75 Resp: 27997
Ion Ratio Lower Upper
75 100
155 73.8 40.1 120.2
157 92.6 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 48.102 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

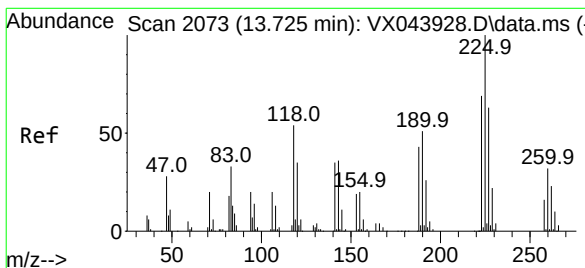
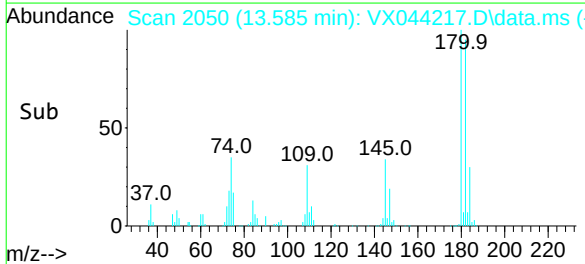
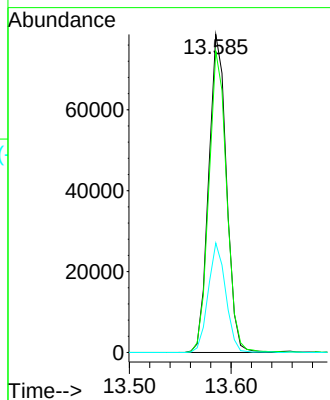
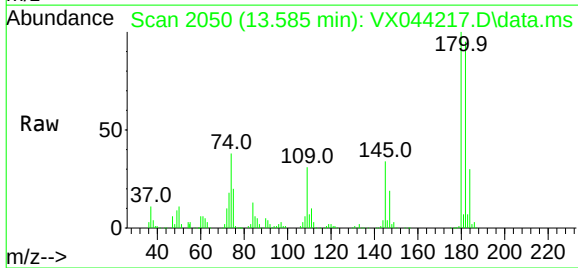
Tgt Ion:	180	Resp:	95471
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.0	144.2
145	33.9	16.8	50.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#94

Hexachlorobutadiene

Concen: 46.005 ug/l

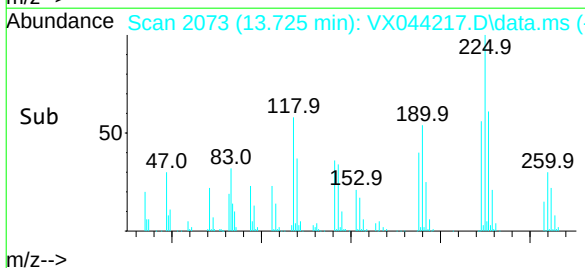
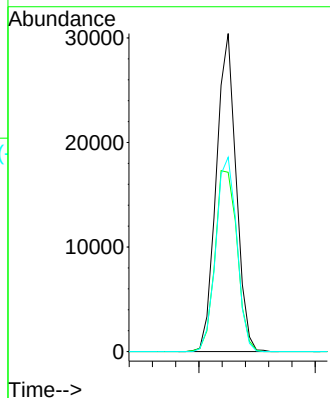
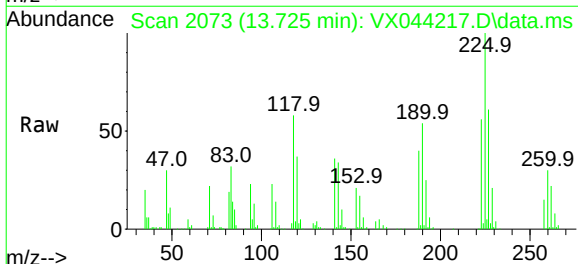
RT: 13.725 min Scan# 2073

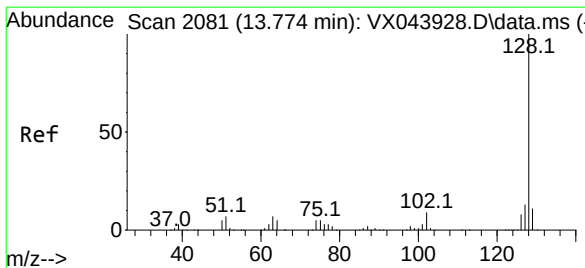
Delta R.T. -0.000 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Tgt Ion:	225	Resp:	36087
Ion Ratio	Lower	Upper	
225	100		
223	63.3	32.9	98.6
227	64.3	31.6	94.8





#95

Naphthalene

Concen: 53.212 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

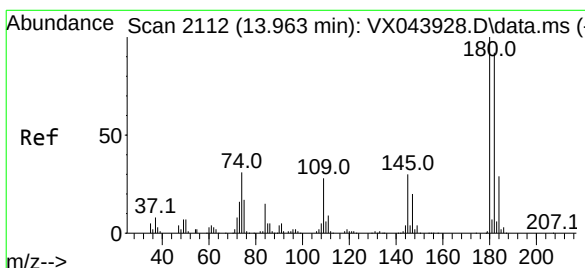
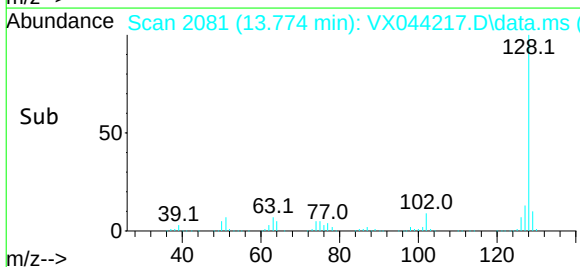
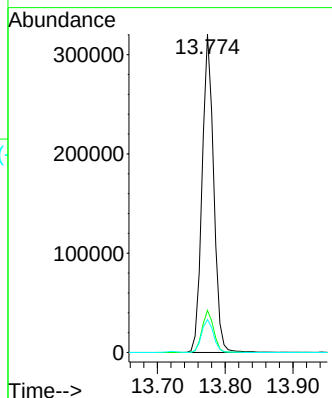
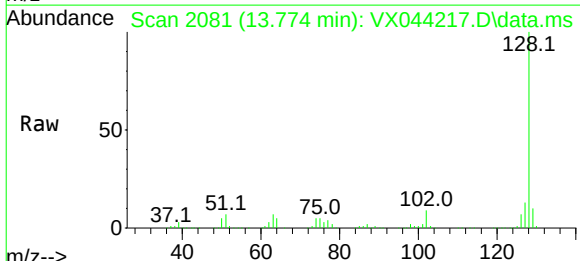
Tgt Ion:	128	Resp:	380179
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.2
129	10.8	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#96

1,2,3-Trichlorobenzene

Concen: 48.363 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX044217.D

Acq: 10 Dec 2024 18:44

Tgt Ion:	180	Resp:	97156
Ion Ratio	Lower	Upper	
180	100		
182	95.0	45.6	136.8
145	35.5	16.4	49.4

