

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044221.D
 Acq On : 11 Dec 2024 11:50
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 12 04:14:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:11:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	134436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	254199	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	41821	17.743	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	35.480%#		
35) Dibromofluoromethane	5.391	113	30304	17.213	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	34.420%#		
50) Toluene-d8	8.647	98	102660	17.284	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	34.560%#		
62) 4-Bromofluorobenzene	11.079	95	35645	17.175	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	34.340%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38748	18.640	ug/l	90
3) Chloromethane	1.294	50	39546	19.894	ug/l	100
4) Vinyl Chloride	1.374	62	42048	20.304	ug/l	97
5) Bromomethane	1.593	94	27604	18.789	ug/l	94
6) Chloroethane	1.666	64	27673	21.460	ug/l	94
7) Trichlorofluoromethane	1.867	101	81398	20.077	ug/l	99
8) Diethyl Ether	2.136	74	25884	18.704	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	31846	19.412	ug/l	99
10) Methyl Iodide	2.441	142	42786	19.788	ug/l	99
11) Tert butyl alcohol	3.001	59	29819m	89.904	ug/l	
12) 1,1-Dichloroethene	2.306	96	29241	19.405	ug/l	92
13) Acrolein	2.239	56	43909	91.311	ug/l	97
14) Allyl chloride	2.654	41	47218	18.813	ug/l	98
15) Acrylonitrile	3.068	53	89249	96.988	ug/l	99
16) Acetone	2.392	43	88985	92.601	ug/l	95
17) Carbon Disulfide	2.502	76	50399	17.595	ug/l	98
18) Methyl Acetate	2.709	43	47509	19.175	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	114371	19.450	ug/l	100
20) Methylene Chloride	2.782	84	35820	19.846	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	31036	19.380	ug/l	97
22) Diisopropyl ether	3.764	45	112511	19.907	ug/l	94
23) Vinyl Acetate	3.721	43	465716	101.354	ug/l	100
24) 1,1-Dichloroethane	3.605	63	62059	19.699	ug/l	98
25) 2-Butanone	4.568	43	136992	100.277	ug/l	99
26) 2,2-Dichloropropane	4.471	77	51431	20.095	ug/l #	74
27) cis-1,2-Dichloroethene	4.477	96	39161	19.254	ug/l	99
28) Bromochloromethane	4.891	49	30977	20.052	ug/l	95
29) Tetrahydrofuran	5.013	42	86235	98.343	ug/l	99
30) Chloroform	5.093	83	68410	19.327	ug/l	97
31) Cyclohexane	5.458	56	51773	20.351	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	57900	19.706	ug/l	99
36) 1,1-Dichloropropene	5.690	75	42878	18.841	ug/l	99
37) Ethyl Acetate	4.727	43	56019	19.913	ug/l	99
38) Carbon Tetrachloride	5.672	117	43901	17.918	ug/l	92
39) Methylcyclohexane	7.379	83	53536	19.678	ug/l	97
40) Benzene	6.031	78	135467	19.606	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	28523	19.095	ug/l	94
42) 1,2-Dichloroethane	6.086	62	55377	19.456	ug/l	98
43) Isopropyl Acetate	6.342	43	84866	19.301	ug/l	100
44) Trichloroethene	7.123	130	32995	19.149	ug/l	96
45) 1,2-Dichloropropane	7.427	63	33585	19.025	ug/l	97
46) Dibromomethane	7.580	93	26293	19.199	ug/l	99
47) Bromodichloromethane	7.818	83	44312	18.735	ug/l	99
48) Methyl methacrylate	7.696	41	40620	19.032	ug/l	98
49) 1,4-Dioxane	7.671	88	14281m	391.518	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	278267	98.429	ug/l	100
52) Toluene	8.714	92	82934	19.113	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	44614	18.785	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	49596	19.258	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	34013	19.732	ug/l	98
56) Ethyl methacrylate	9.116	69	52571	19.318	ug/l	99
57) 1,3-Dichloropropane	9.305	76	59489	19.827	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	129900	94.642	ug/l	100
59) 2-Hexanone	9.433	43	207578	101.440	ug/l	99
60) Dibromochloromethane	9.519	129	31066	18.318	ug/l	97
61) 1,2-Dibromoethane	9.610	107	34978	19.935	ug/l	98
64) Tetrachloroethene	9.275	164	27702	19.133	ug/l	97
65) Chlorobenzene	10.079	112	90631	19.389	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	29132	19.392	ug/l	99
67) Ethyl Benzene	10.195	91	158455	19.619	ug/l	98
68) m/p-Xylenes	10.299	106	116126	39.183	ug/l	98
69) o-Xylene	10.640	106	59787	19.938	ug/l	99
70) Styrene	10.653	104	95883	19.946	ug/l	98
71) Bromoform	10.799	173	16924	18.112	ug/l #	96
73) Isopropylbenzene	10.963	105	153935	20.481	ug/l	98
74) N-amyl acetate	10.842	43	69643	20.049	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	52312	20.039	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	43726m	19.627	ug/l	
77) Bromobenzene	11.195	156	34951	19.176	ug/l	98
78) n-propylbenzene	11.305	91	169622	20.419	ug/l	100
79) 2-Chlorotoluene	11.366	91	106310	19.788	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	126626	20.315	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	11784	19.264	ug/l	90
82) 4-Chlorotoluene	11.451	91	118309	19.886	ug/l	100
83) tert-Butylbenzene	11.713	119	121929	19.794	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	125939	20.574	ug/l	99
85) sec-Butylbenzene	11.890	105	150795	20.165	ug/l	99
86) p-Isopropyltoluene	12.006	119	127790	20.532	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	64399	20.228	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	64106	19.588	ug/l	99
89) n-Butylbenzene	12.329	91	104410	19.950	ug/l	99
90) Hexachloroethane	12.536	117	15939	17.543	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	65511	19.817	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9468	18.683	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	35001	19.313	ug/l	99
94) Hexachlorobutadiene	13.725	225	14415	19.774	ug/l	97
95) Naphthalene	13.774	128	142515	20.146	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	38639	20.101	ug/l	99

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

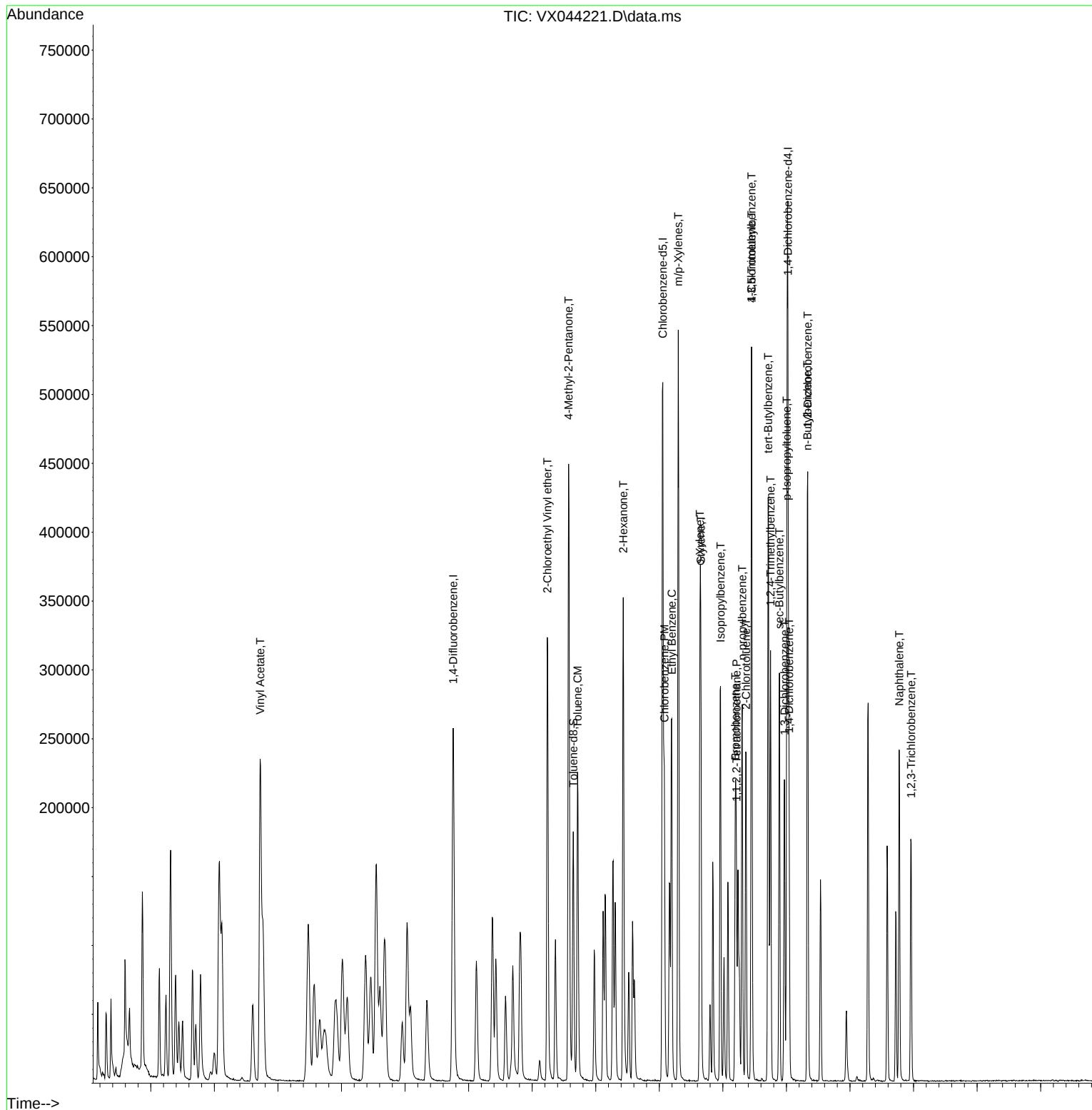
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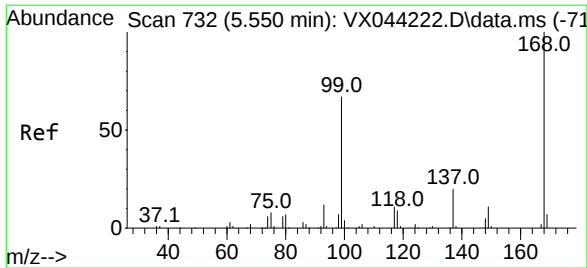
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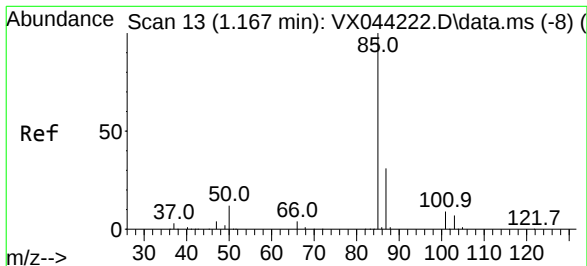
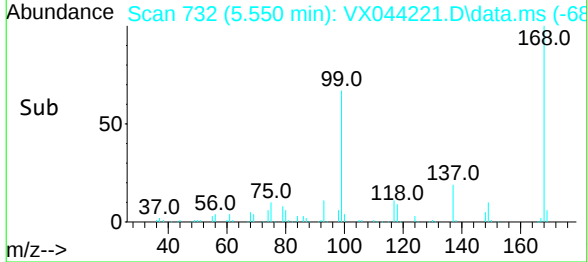
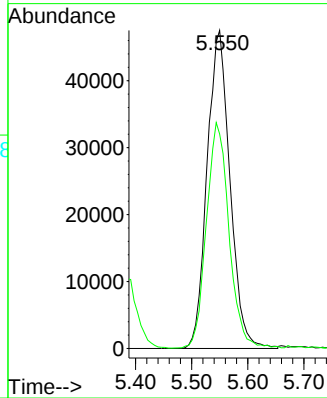
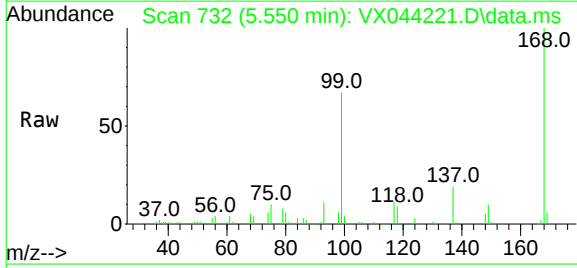
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX044221.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 134436
Ion Ratio Lower Upper
168 100
99 67.2 53.4 80.0

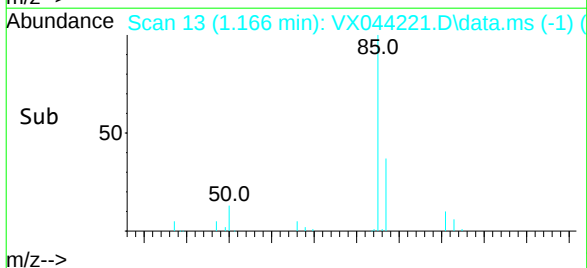
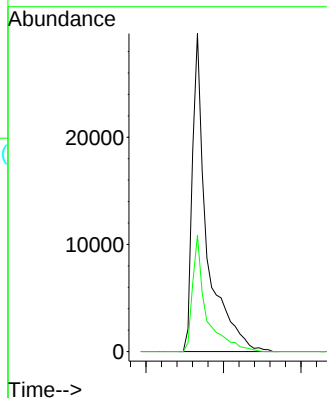
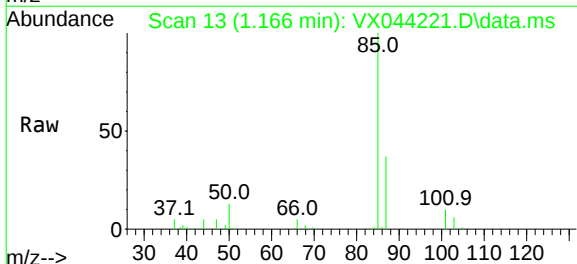
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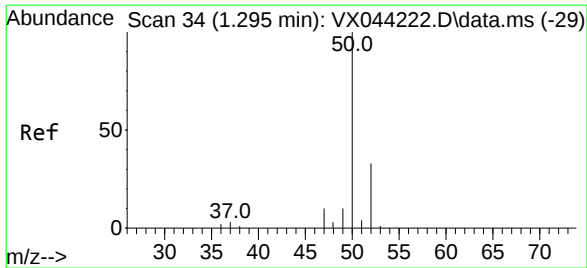
Reviewed By :John Carlone 12/12/2024
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#2
Dichlorodifluoromethane
Concen: 18.640 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

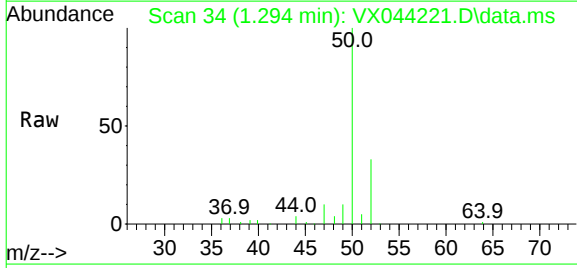
Tgt Ion: 85 Resp: 38748
Ion Ratio Lower Upper
85 100
87 36.6 15.4 46.4





#3
Chloromethane
Concen: 19.894 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

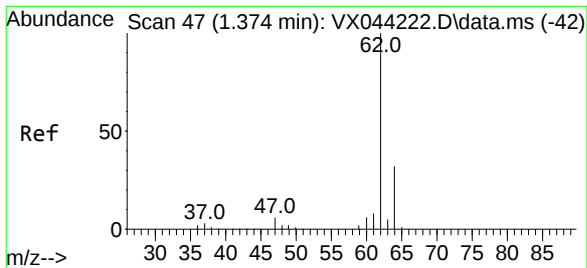
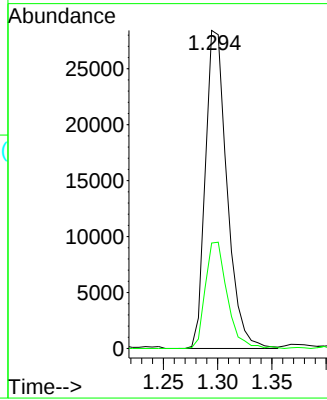
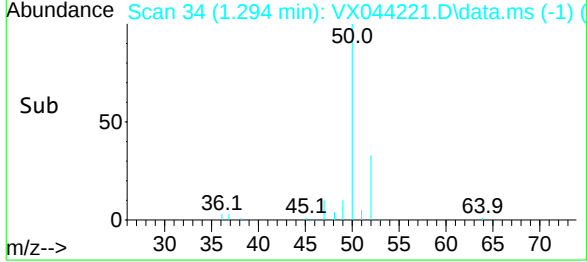
Instrument :
MSVOA_X
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VSTDICC020



Tgt Ion: 50 Resp: 39546
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7

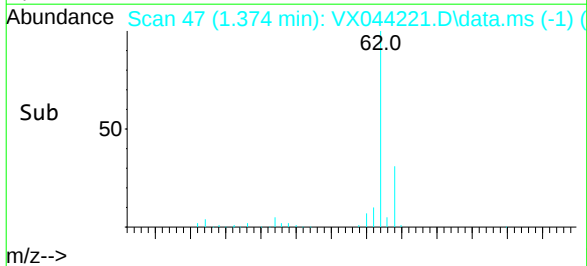
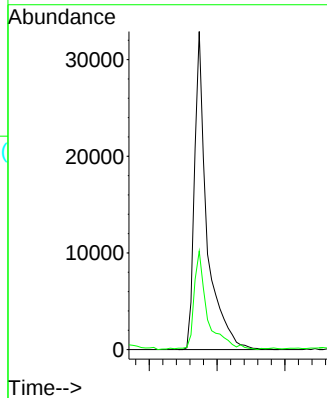
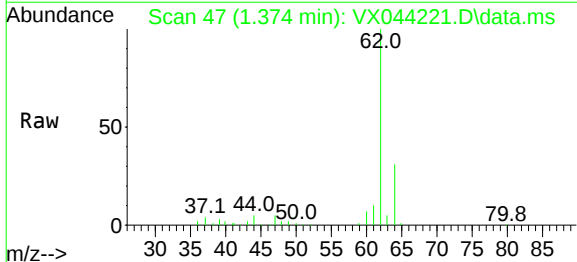
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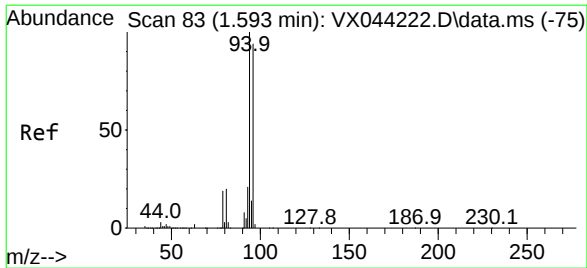
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#4
Vinyl Chloride
Concen: 20.304 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 62 Resp: 42048
Ion Ratio Lower Upper
62 100
64 30.6 25.7 38.5





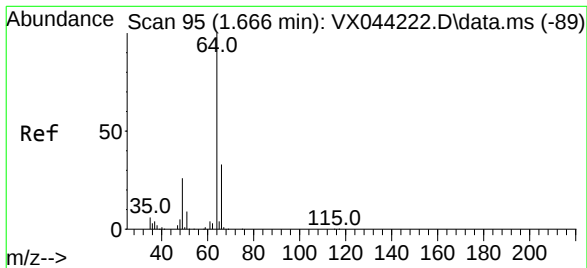
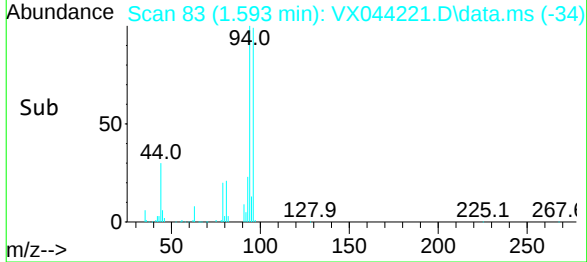
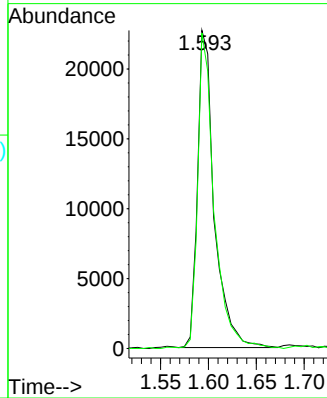
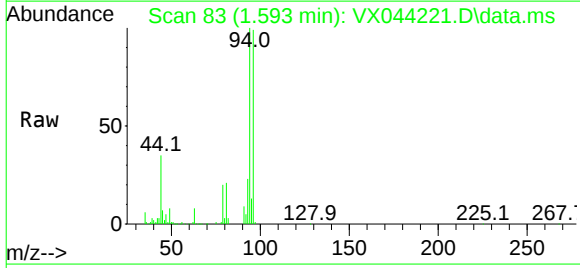
#5
Bromomethane
Concen: 18.789 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044221.D
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Tgt Ion: 94 Resp: 27604
Ion Ratio Lower Upper
94 100
96 99.2 74.9 112.3

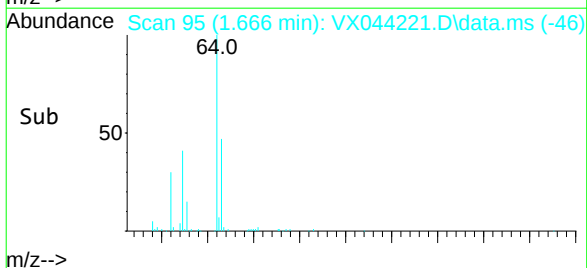
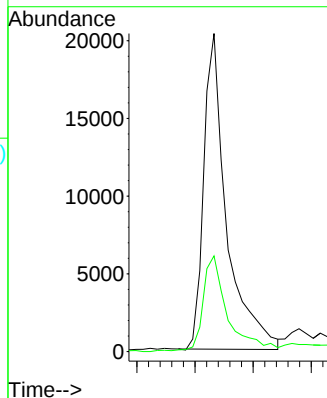
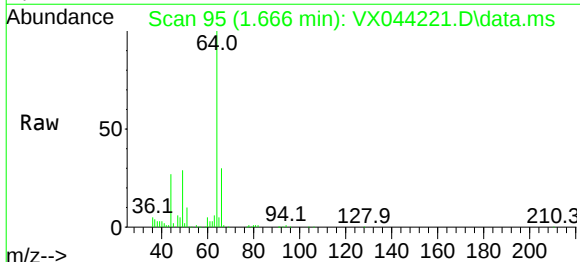
Manual Integrations
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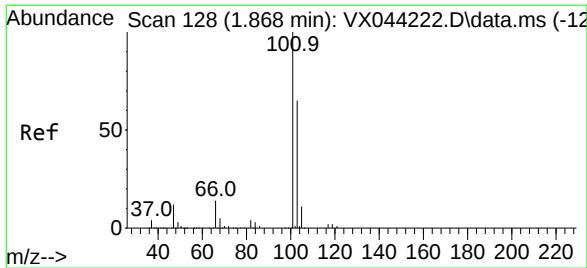
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#6
Chloroethane
Concen: 21.460 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

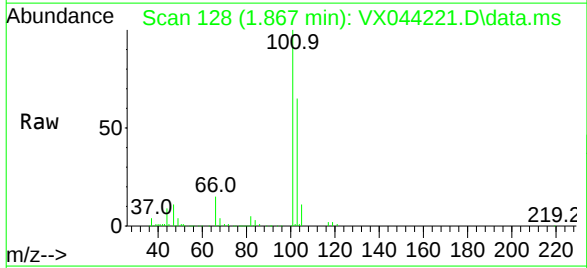
Tgt Ion: 64 Resp: 27673
Ion Ratio Lower Upper
64 100
66 29.8 26.6 39.8





#7
Trichlorofluoromethane
Concen: 20.077 ug/l
RT: 1.867 min Scan# 128
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

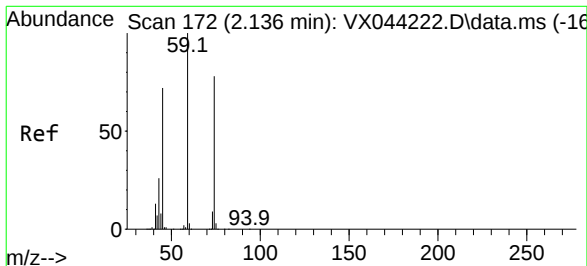
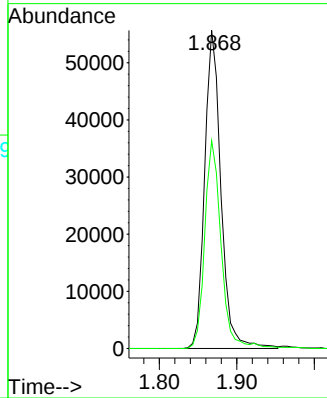
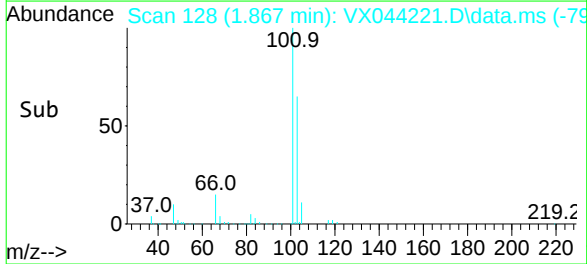
Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 81398
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8

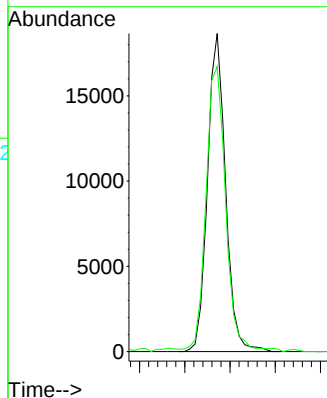
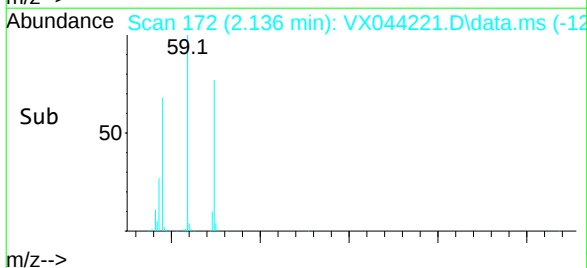
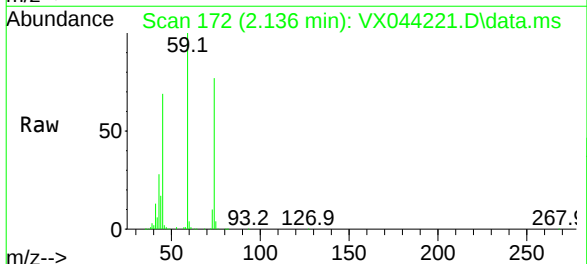
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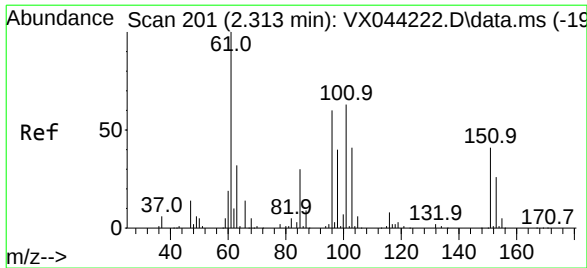
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#8
Diethyl Ether
Concen: 18.704 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

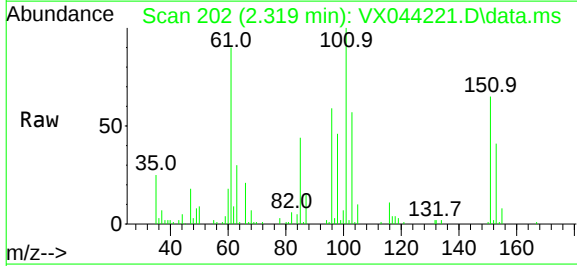
Tgt Ion: 74 Resp: 25884
Ion Ratio Lower Upper
74 100
45 97.8 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.412 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

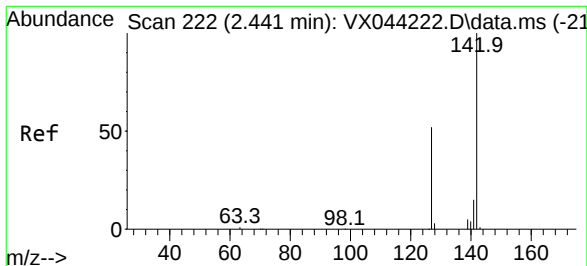
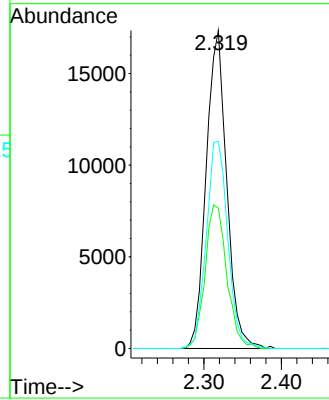
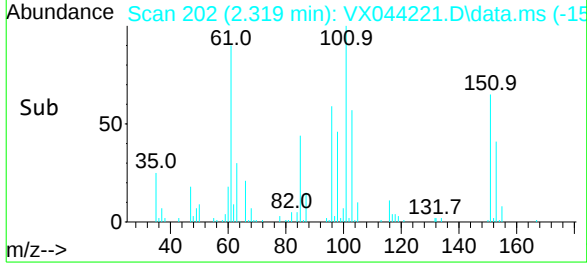
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:101 Resp: 31846
Ion Ratio Lower Upper
101 100
85 48.0 38.5 57.7
151 68.6 55.8 83.6

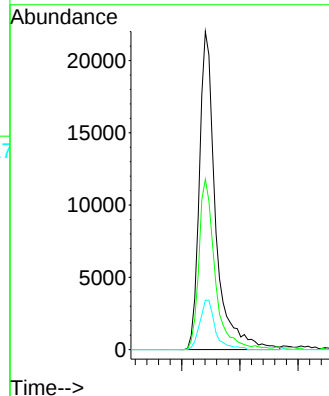
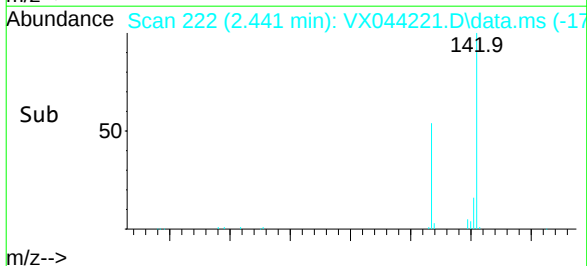
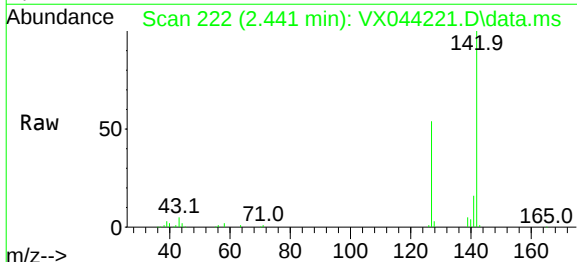
Manual Integrations
APPROVED

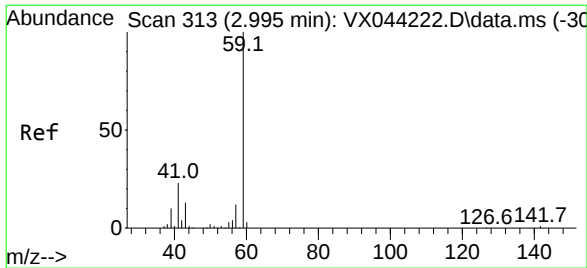
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#10
Methyl Iodide
Concen: 19.788 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:142 Resp: 42786
Ion Ratio Lower Upper
142 100
127 52.9 41.8 62.8
141 14.8 11.5 17.3





#11

Tert butyl alcohol

Concen: 89.904 ug/l m

RT: 3.001 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

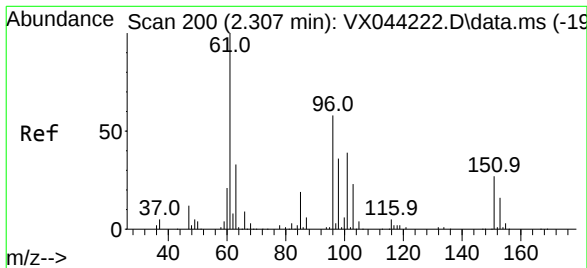
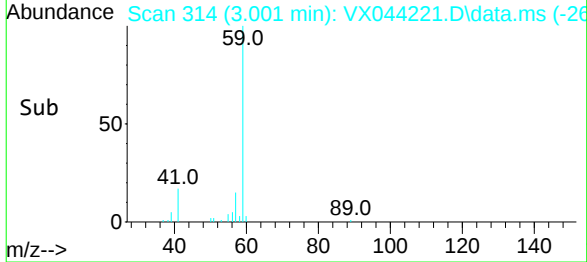
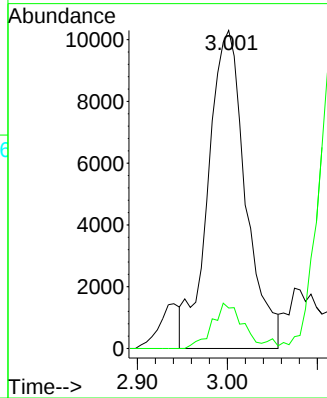
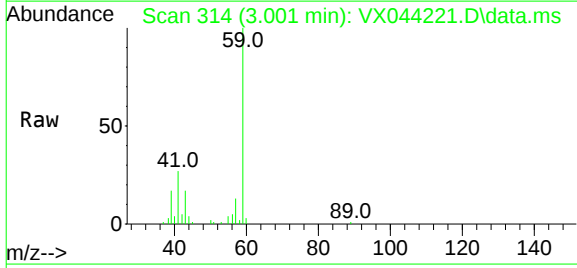
Tgt	Ion	Ratio	Lower	Upper
59	100			
57	11.5	8.8	13.2	

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#12

1,1-Dichloroethene

Concen: 19.405 ug/l

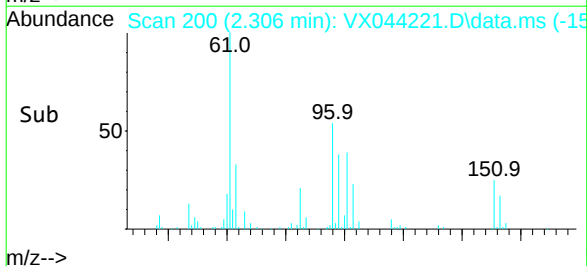
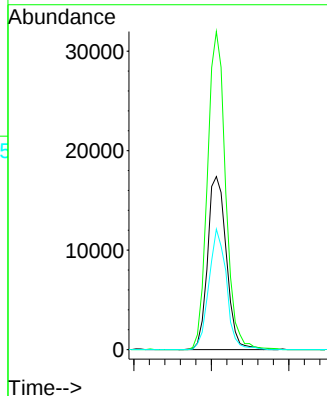
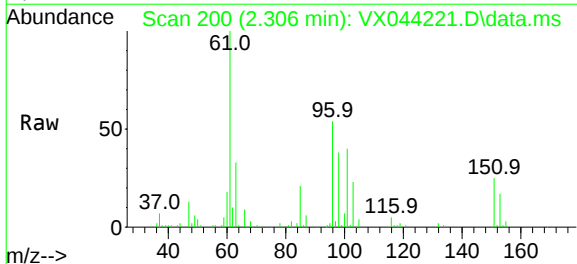
RT: 2.306 min Scan# 200

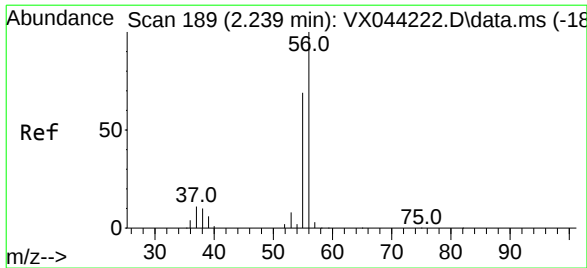
Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Tgt	Ion	Ratio	Lower	Upper
96	100			
61	183.9	138.0	207.0	
98	69.6	50.0	75.0	





#13

Acrolein

Concen: 91.311 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 43909

Ion Ratio Lower Upper

56 100

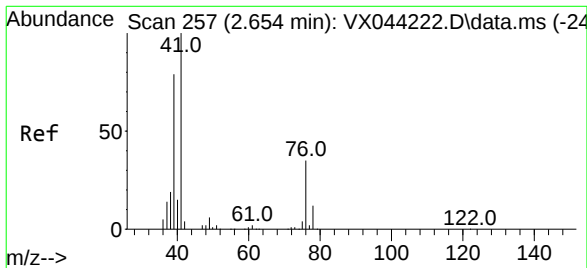
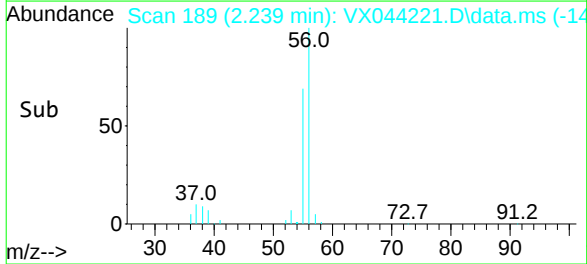
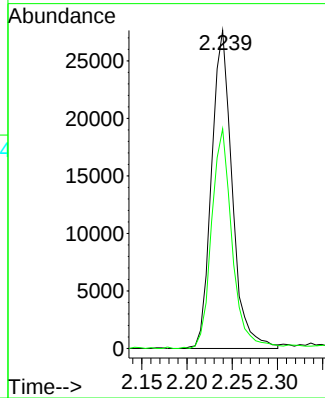
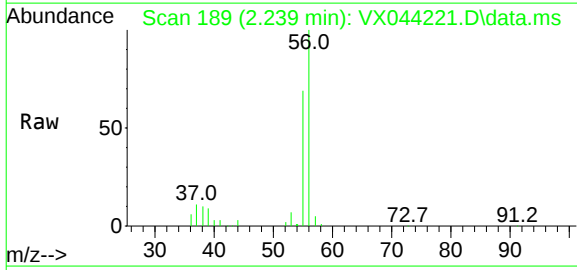
55 68.6 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#14

Allyl chloride

Concen: 18.813 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

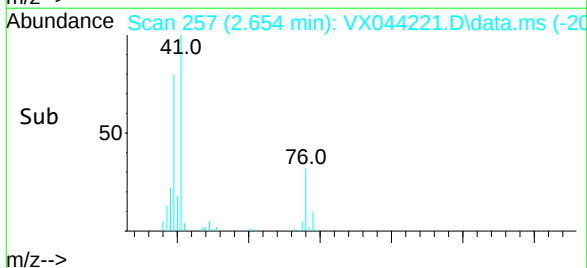
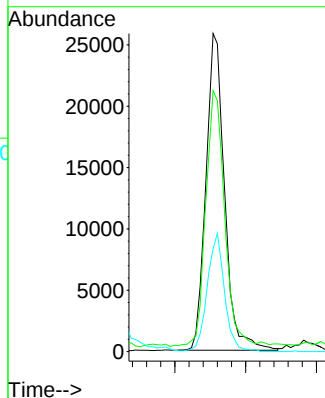
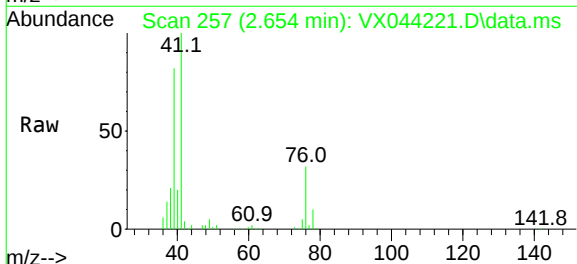
Tgt Ion: 41 Resp: 47218

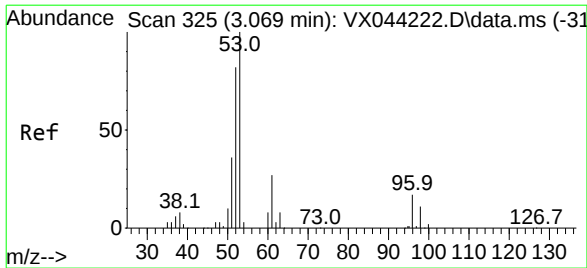
Ion Ratio Lower Upper

41 100

39 80.4 61.9 92.9

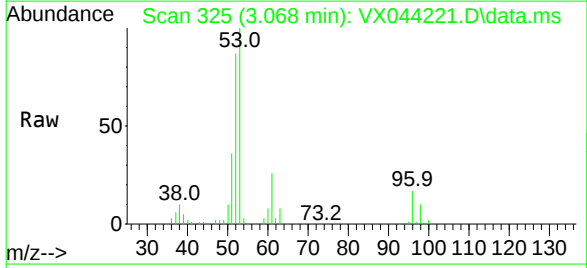
76 34.5 27.4 41.2





#15
Acrylonitrile
Concen: 96.988 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

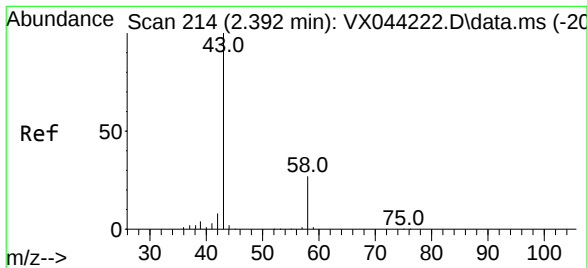
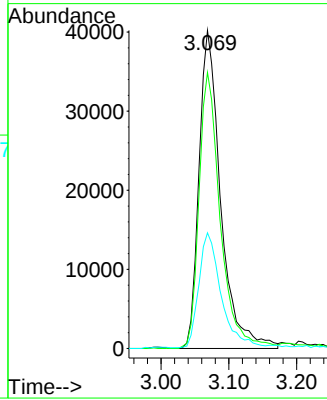
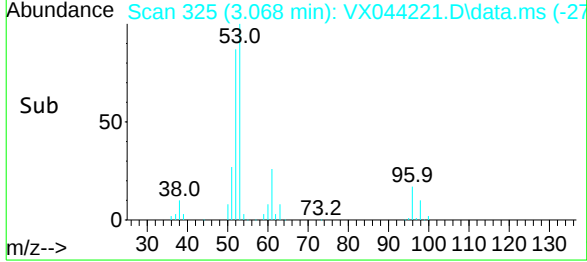
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 89249
Ion Ratio Lower Upper
53 100
52 85.1 67.4 101.0
51 37.1 30.3 45.5

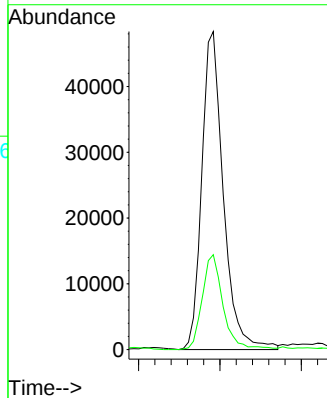
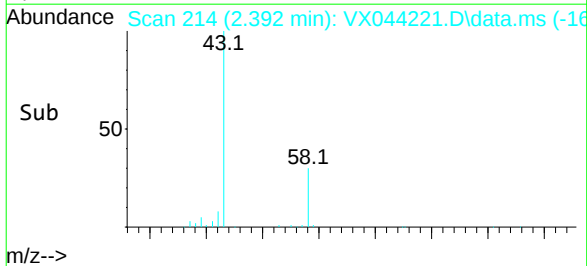
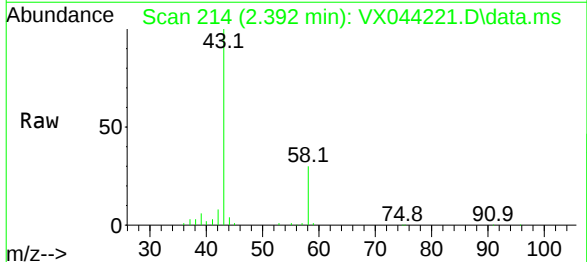
Manual Integrations
APPROVED

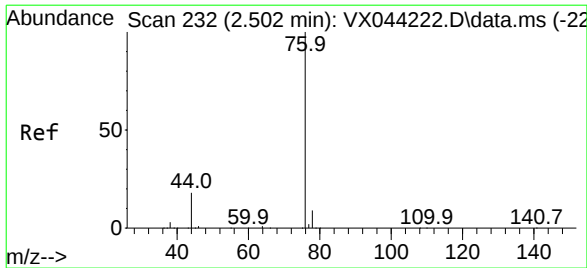
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#16
Acetone
Concen: 92.601 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 43 Resp: 88985
Ion Ratio Lower Upper
43 100
58 29.8 21.6 32.4





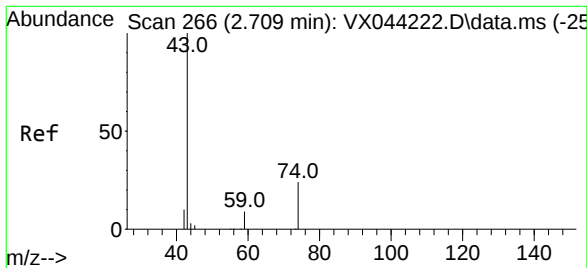
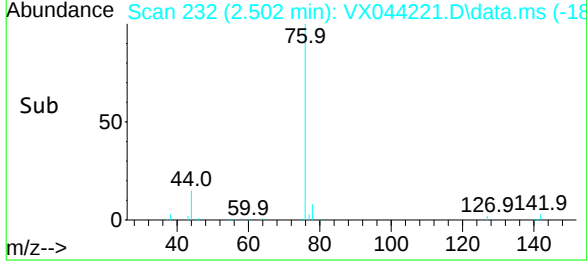
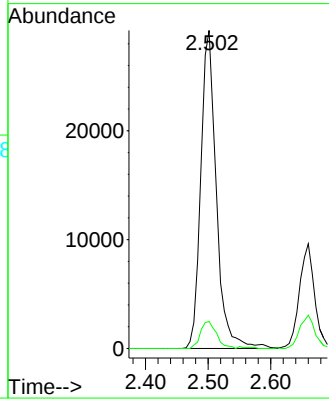
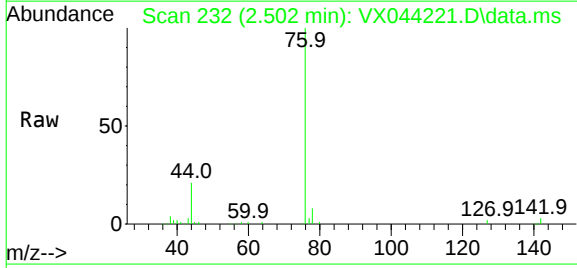
#17
Carbon Disulfide
Concen: 17.595 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 50399
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

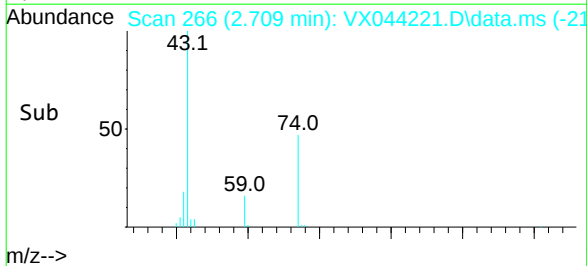
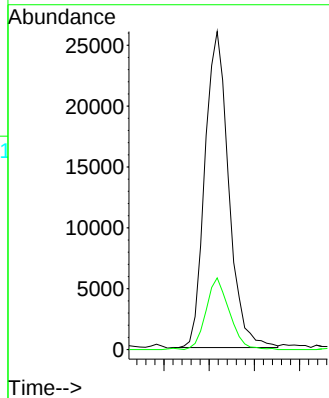
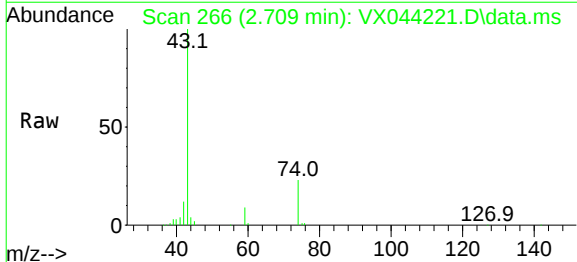
Manual Integrations
APPROVED

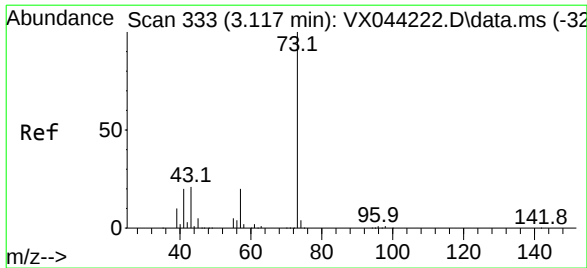
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#18
Methyl Acetate
Concen: 19.175 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 43 Resp: 47509
Ion Ratio Lower Upper
43 100
74 22.2 17.7 26.5





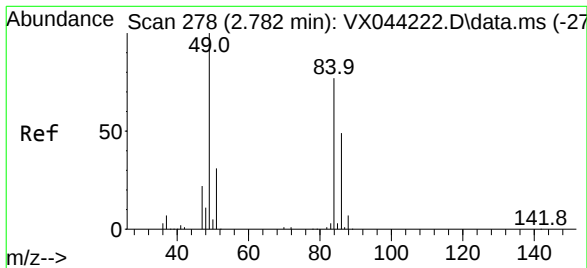
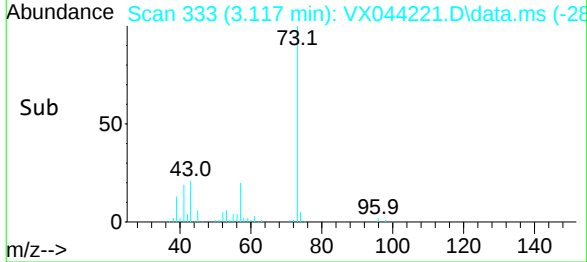
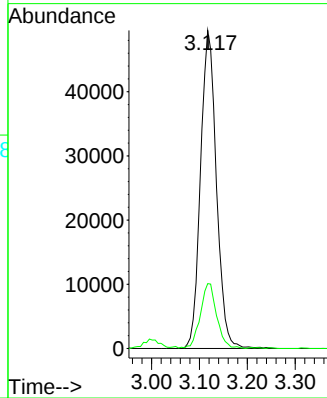
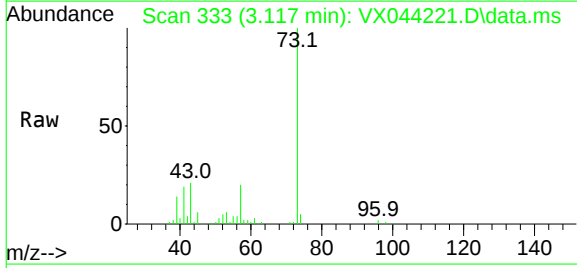
#19
Methyl tert-butyl Ether
Concen: 19.450 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 114371
Ion Ratio Lower Upper
73 100
57 20.4 16.2 24.4

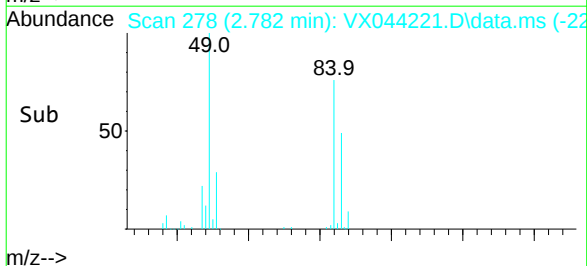
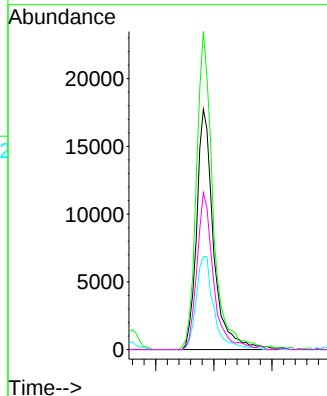
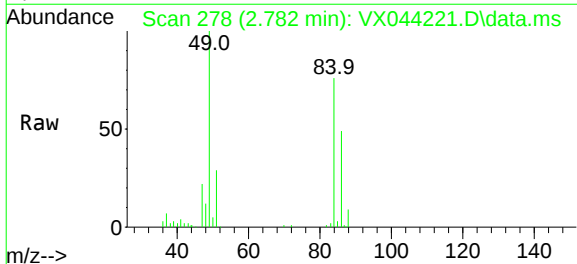
Manual Integrations
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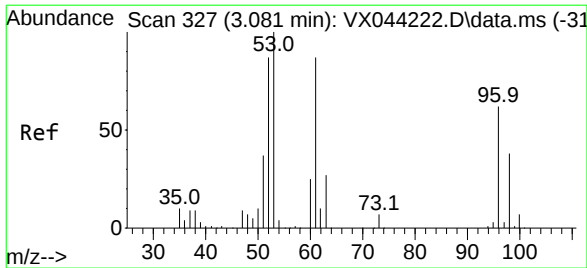
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#20
Methylene Chloride
Concen: 19.846 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 84 Resp: 35820
Ion Ratio Lower Upper
84 100
49 132.3 104.2 156.4
51 38.7 32.2 48.4
86 65.3 50.9 76.3





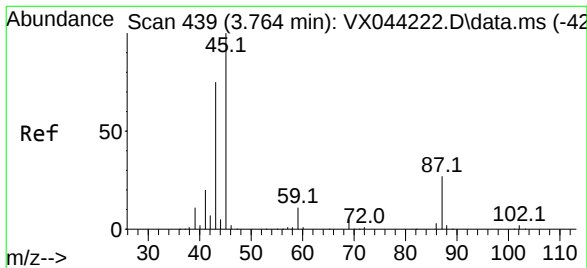
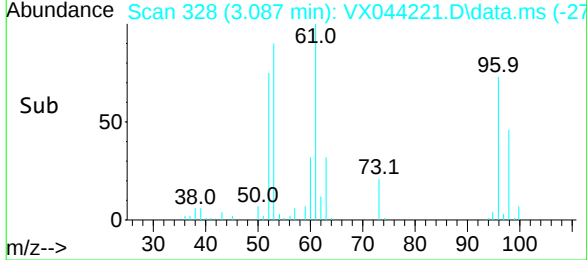
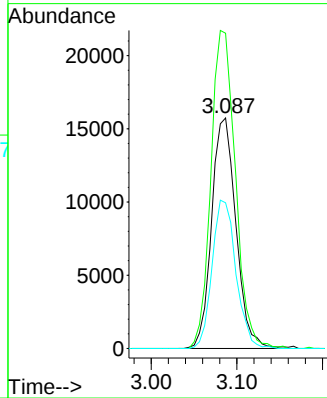
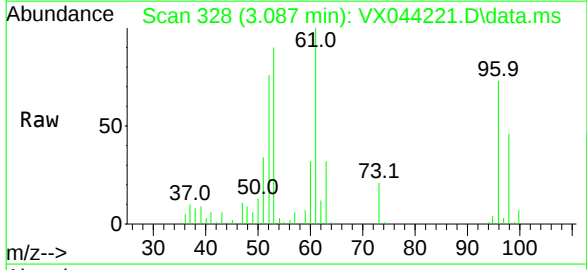
#21
trans-1,2-Dichloroethene
Concen: 19.380 ug/l
RT: 3.087 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 31036
Ion Ratio Lower Upper
96 100
61 136.8 112.0 168.0
98 63.2 48.8 73.2

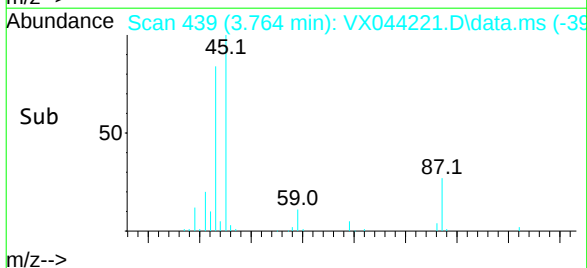
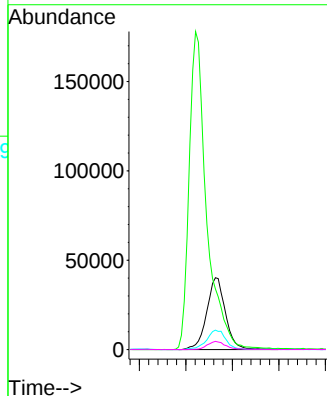
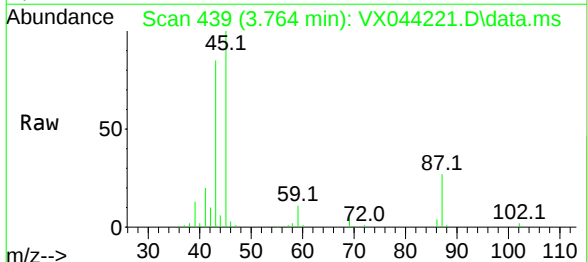
Manual Integrations
APPROVED

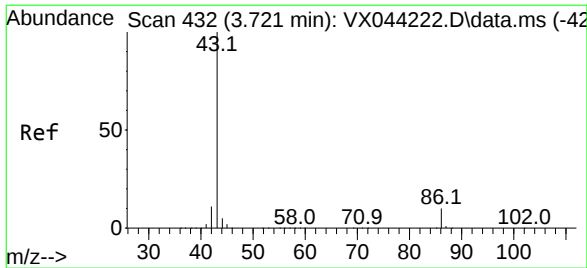
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#22
Diisopropyl ether
Concen: 19.907 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 45 Resp: 112511
Ion Ratio Lower Upper
45 100
43 82.8 60.2 90.2
87 27.1 21.2 31.8
59 11.4 8.9 13.3





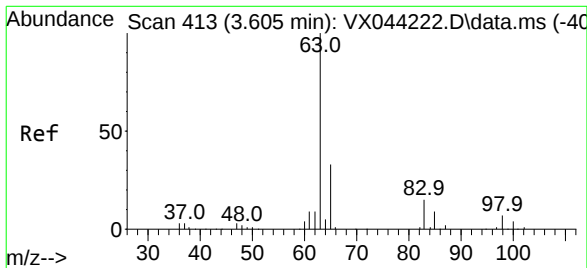
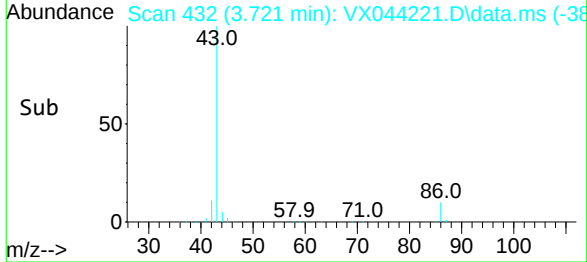
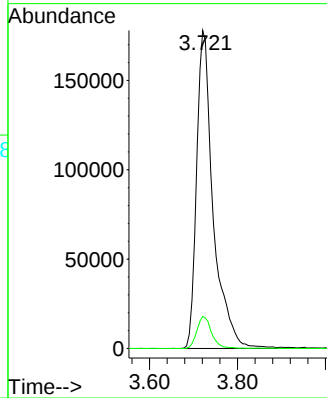
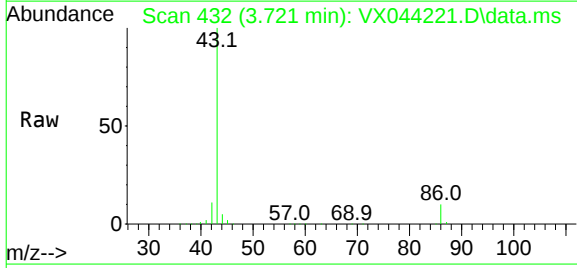
#23
 Vinyl Acetate
 Concen: 101.354 ug/l
 RT: 3.721 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: VX044221.D
 Acq: 11 Dec 2024 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 465716
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.2 12.2

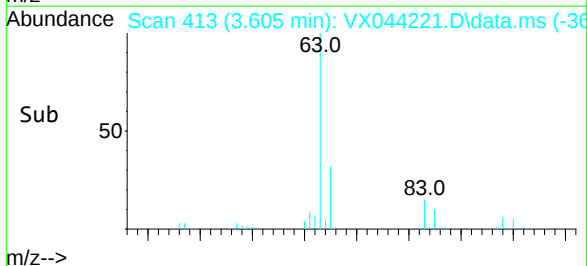
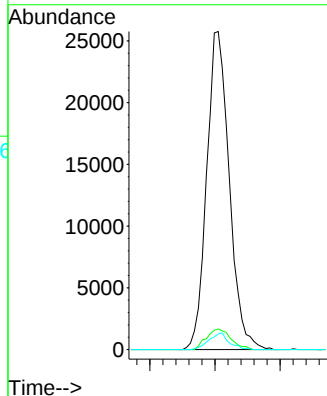
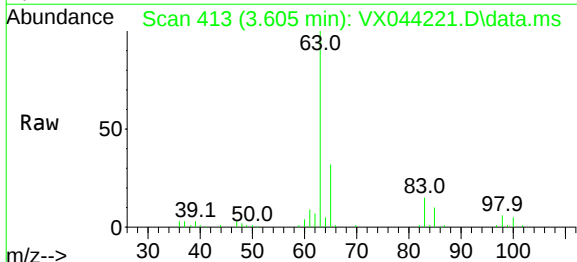
Manual Integrations
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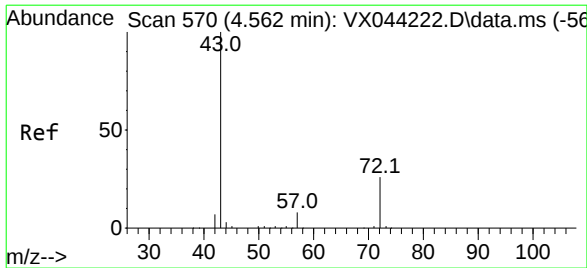
Reviewed By :John Carlone 12/12/2024
 Supervised By :Mahesh Dadoda 12/12/2024



#24
 1,1-Dichloroethane
 Concen: 19.699 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044221.D
 Acq: 11 Dec 2024 11:50

Tgt Ion: 63 Resp: 62059
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 4.9 2.1 6.3





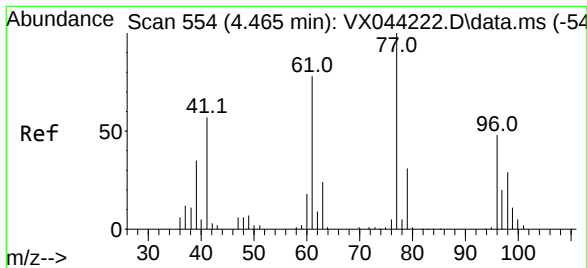
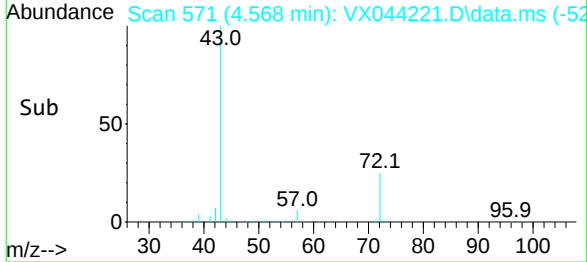
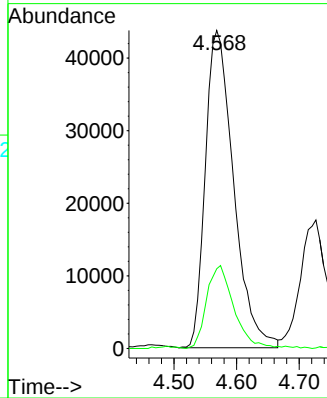
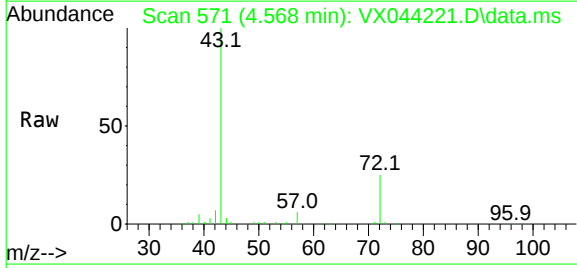
#25
2-Butanone
Concen: 100.277 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 136992
Ion Ratio Lower Upper
43 100
72 24.8 20.2 30.4

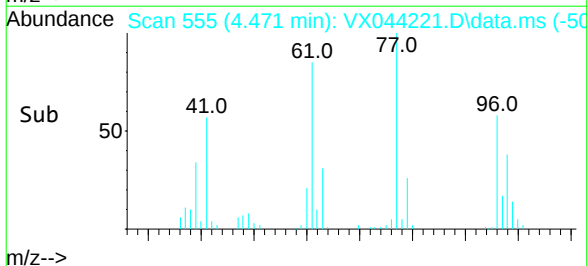
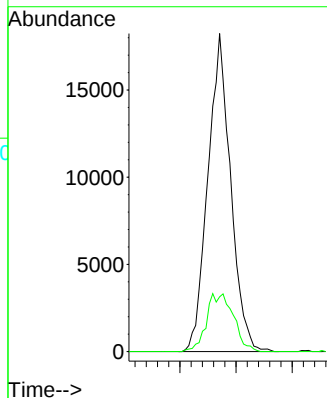
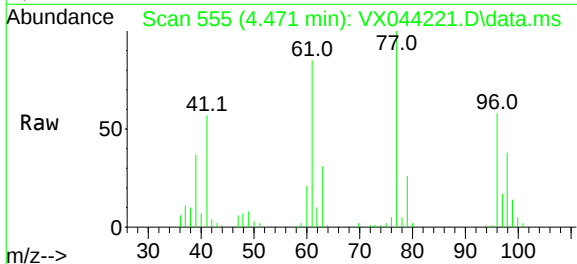
Manual Integrations
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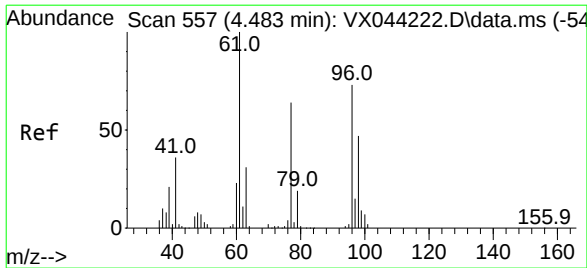
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#26
2,2-Dichloropropane
Concen: 20.095 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

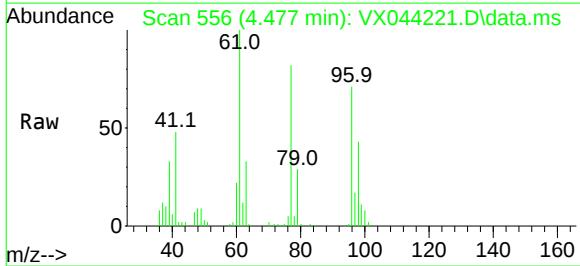
Tgt Ion: 77 Resp: 51431
Ion Ratio Lower Upper
77 100
97 9.1 10.7 32.1#





#27
 cis-1,2-Dichloroethene
 Concen: 19.254 ug/l
 RT: 4.477 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VX044221.D
 Acq: 11 Dec 2024 11:50

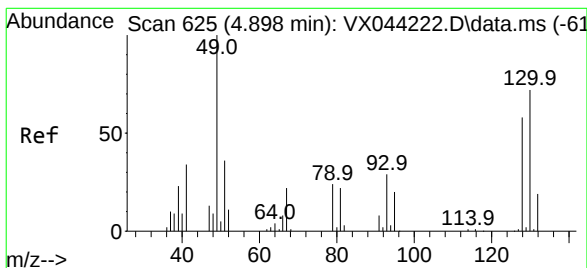
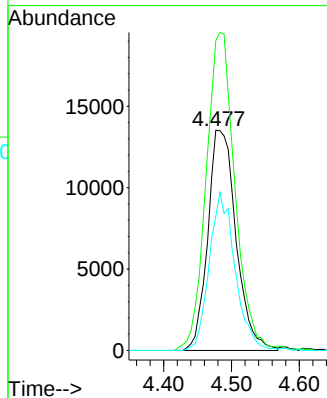
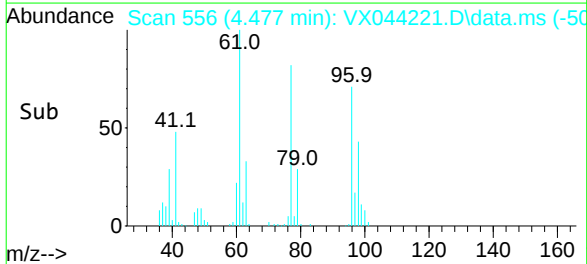
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020



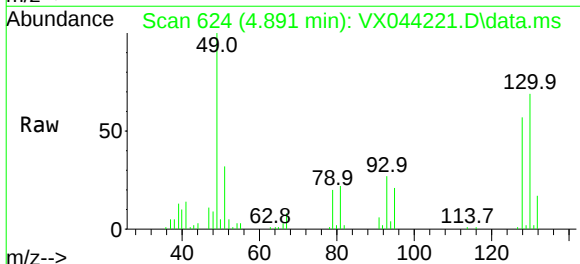
Tgt Ion: 96 Resp: 39161
 Ion Ratio Lower Upper
 96 100
 61 147.6 0.0 299.0
 98 65.5 0.0 129.0

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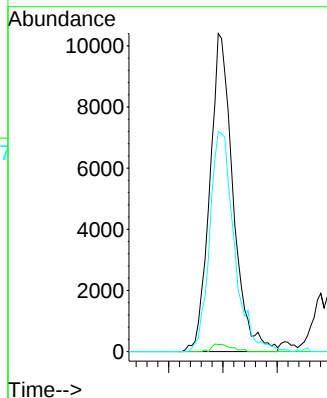
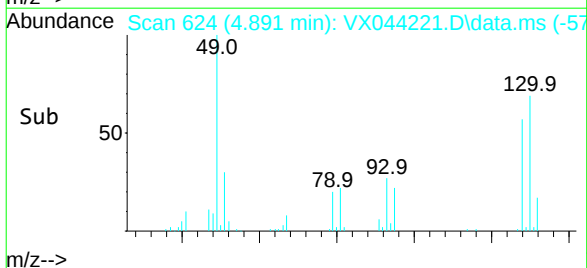
Reviewed By :John Carlone 12/12/2024
 Supervised By :Mahesh Dadoda 12/12/2024

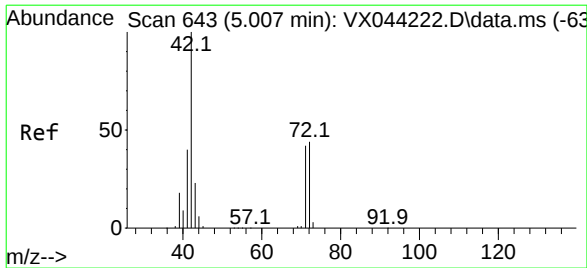


#28
 Bromochloromethane
 Concen: 20.052 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX044221.D
 Acq: 11 Dec 2024 11:50



Tgt Ion: 49 Resp: 30977
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 73.1 62.1 93.1





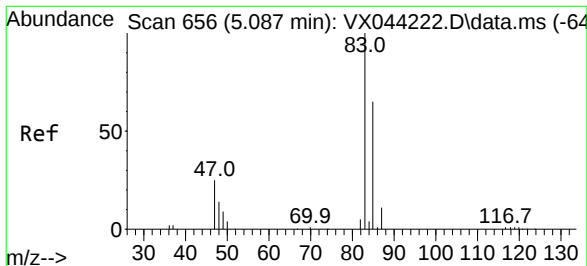
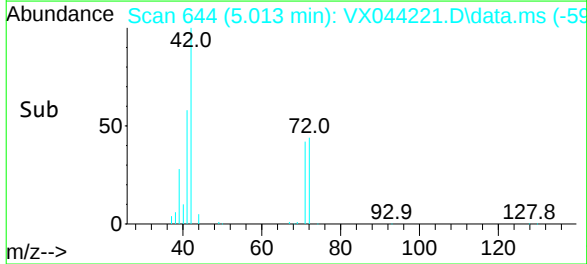
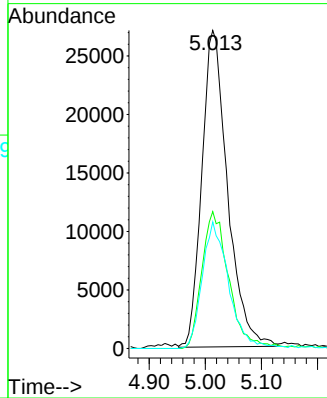
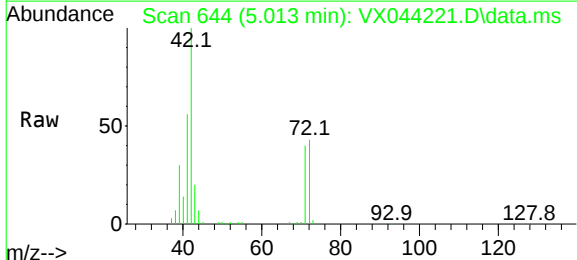
#29
Tetrahydrofuran
Concen: 98.343 ug/l
RT: 5.013 min Scan# 643
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 86235
Ion Ratio Lower Upper
42 100
72 45.2 37.0 55.6
71 41.1 33.6 50.4

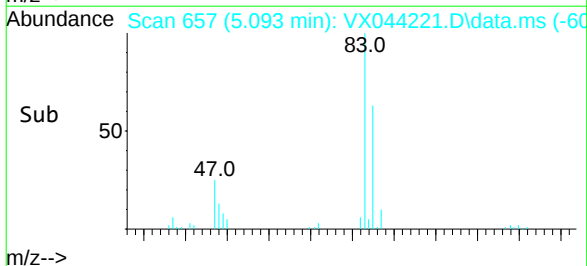
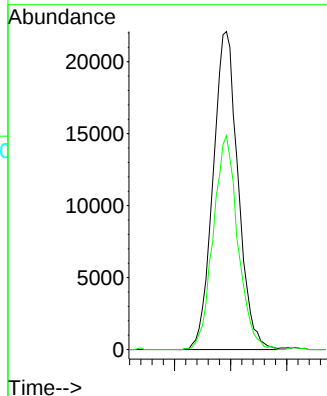
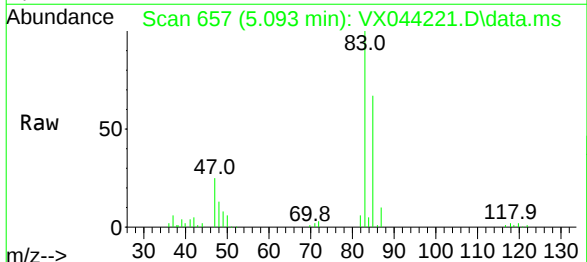
Manual Integrations
APPROVED

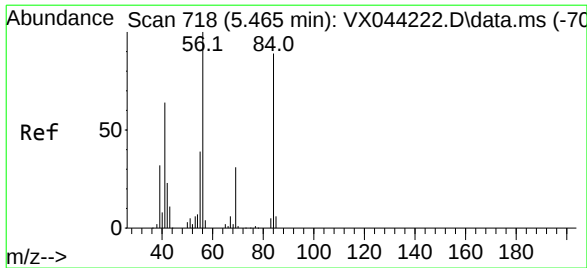
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#30
Chloroform
Concen: 19.327 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 83 Resp: 68410
Ion Ratio Lower Upper
83 100
85 67.2 51.6 77.4





#31

Cyclohexane

Concen: 20.351 ug/l

RT: 5.458 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 51773

Ion Ratio Lower Upper

56 100

69 29.8 24.7 37.1

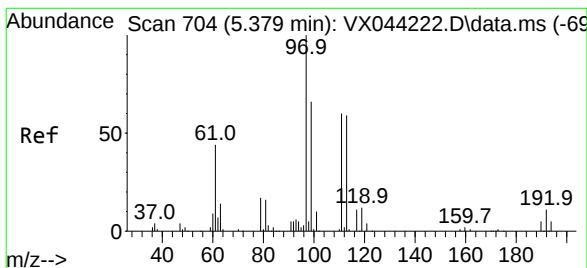
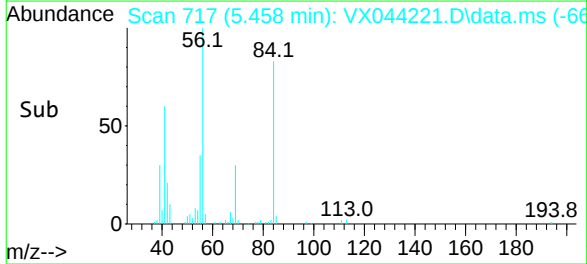
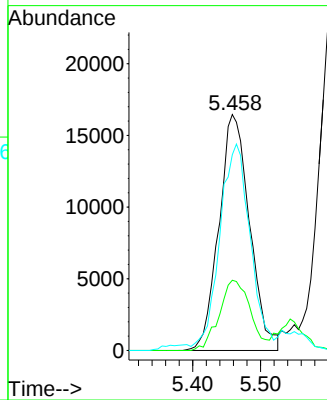
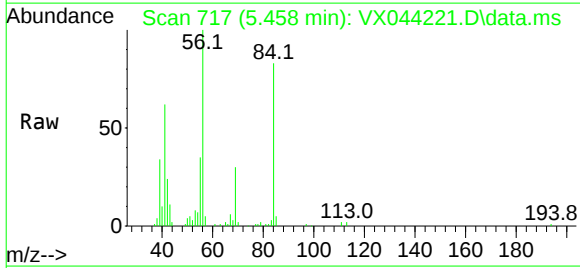
84 80.7 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#32

1,1,1-Trichloroethane

Concen: 19.706 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

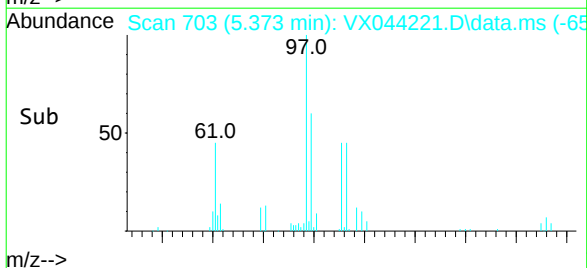
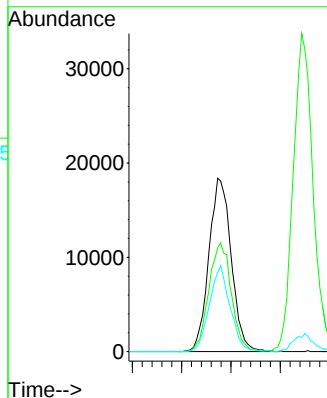
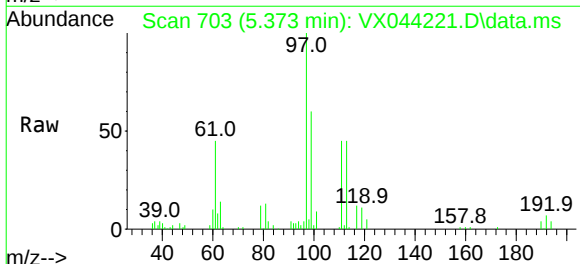
Tgt Ion: 97 Resp: 57900

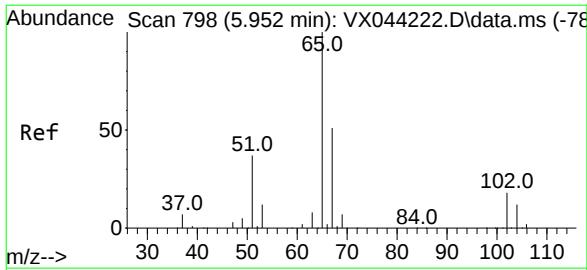
Ion Ratio Lower Upper

97 100

99 63.0 50.8 76.2

61 45.7 35.2 52.8





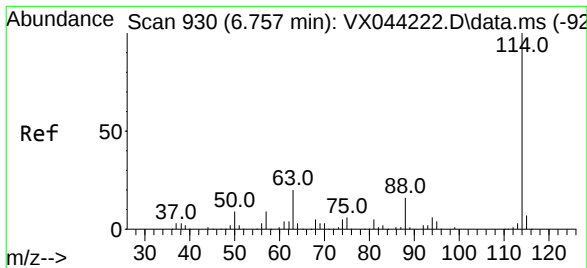
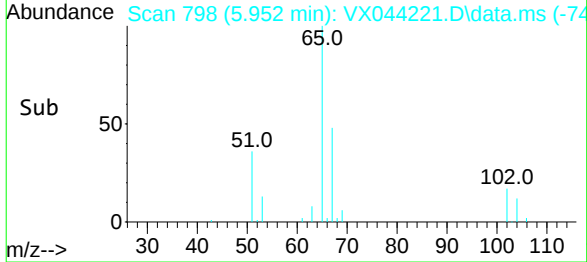
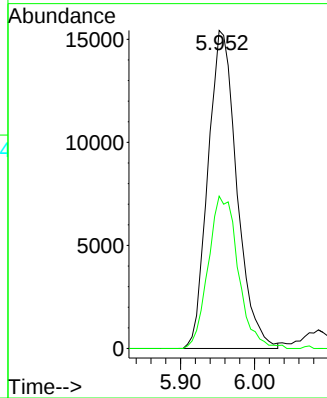
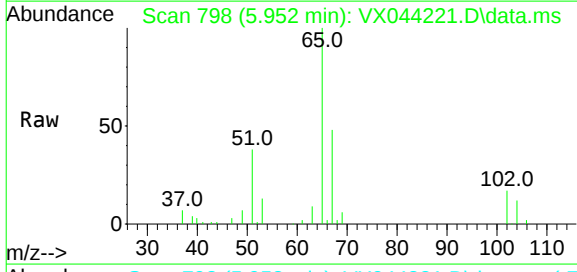
#33
1,2-Dichloroethane-d4
Concen: 17.743 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 41821
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.6

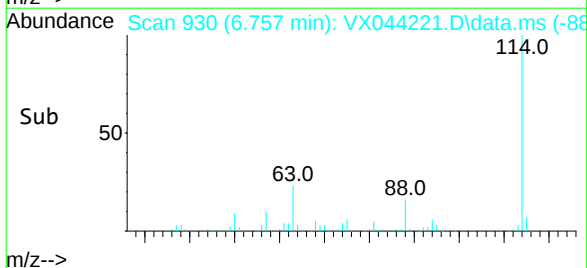
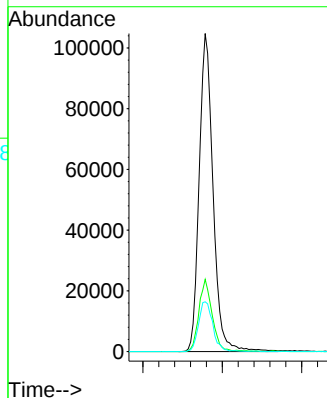
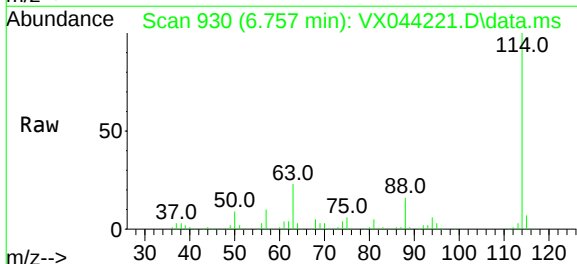
Manual Integrations
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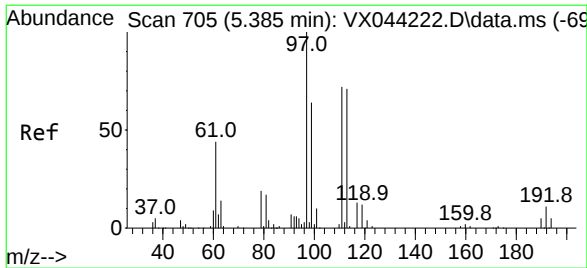
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:114 Resp: 254199
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.6
88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 17.213 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

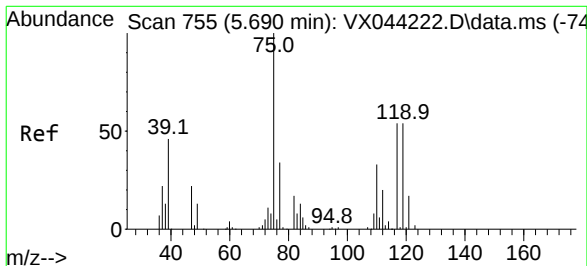
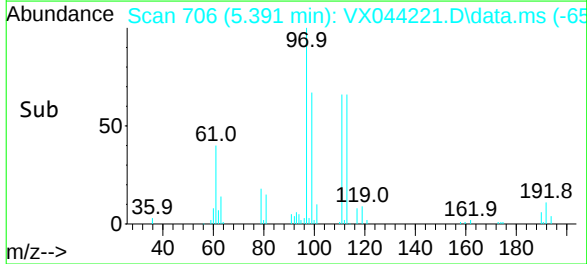
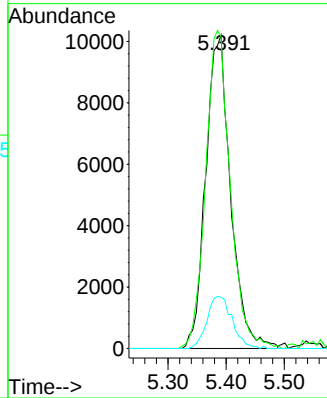
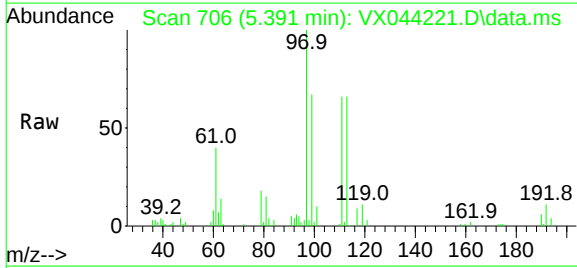
Tgt Ion:	113	Resp:	30304
Ion	Ratio	Lower	Upper
113	100		
111	100.9	80.4	120.6
192	16.7	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#36

1,1-Dichloropropene

Concen: 18.841 ug/l

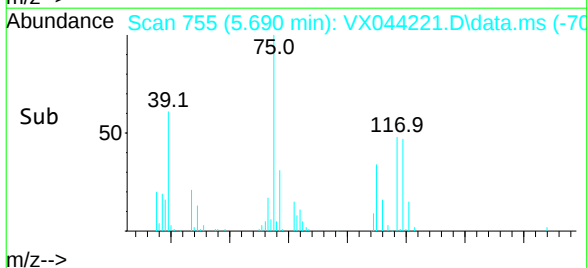
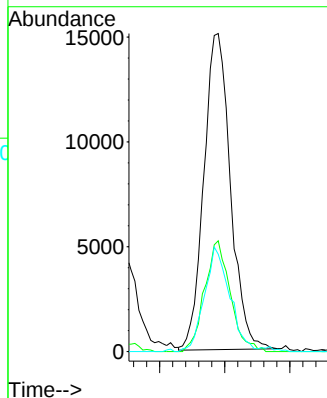
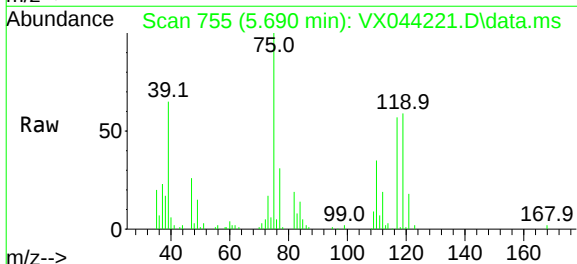
RT: 5.690 min Scan# 755

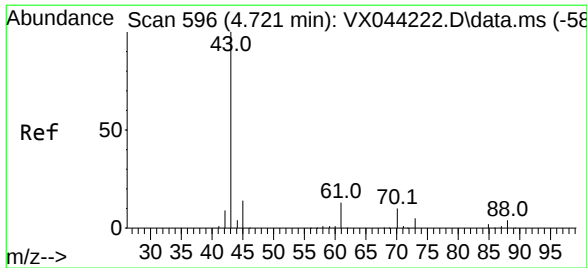
Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Tgt Ion:	75	Resp:	42878
Ion	Ratio	Lower	Upper
75	100		
110	33.7	17.3	51.7
77	31.3	25.4	38.0





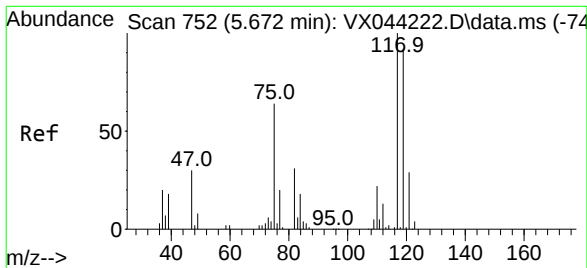
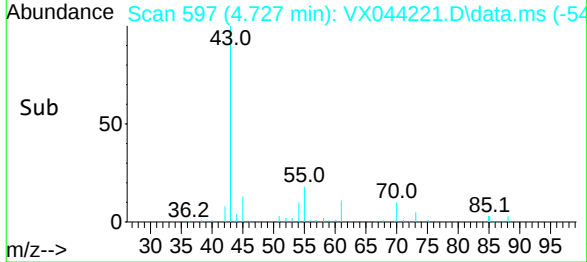
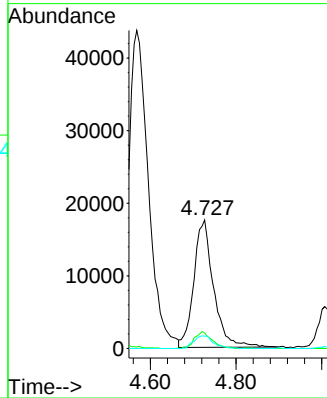
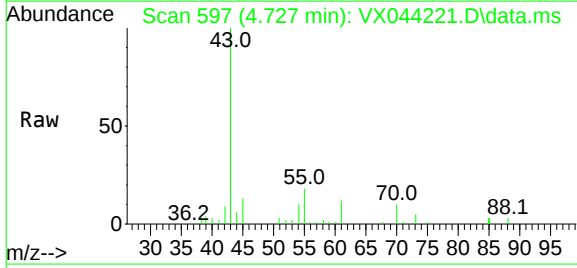
#37
Ethyl Acetate
Concen: 19.913 ug/l
RT: 4.727 min Scan# 59
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:	43	Resp:	56019
Ion	Ratio	Lower	Upper
43	100		
61	11.8	9.8	14.8
70	9.9	7.7	11.5

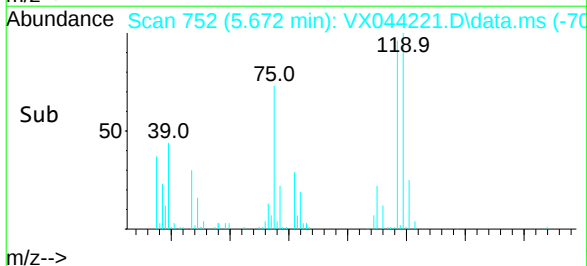
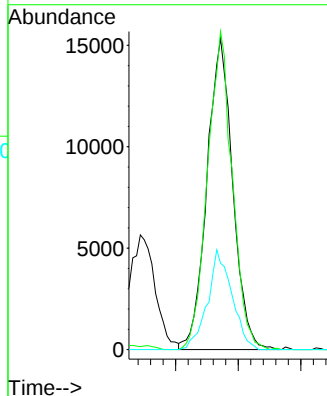
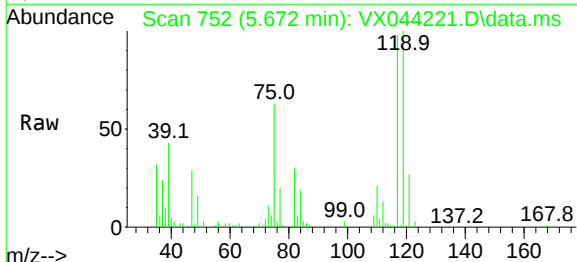
Manual Integrations
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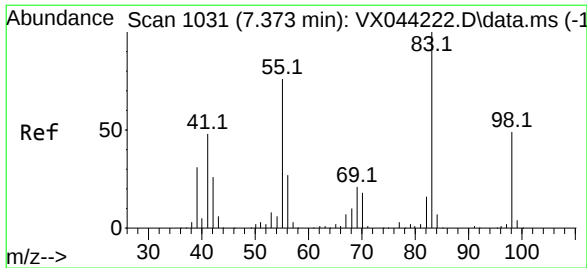
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#38
Carbon Tetrachloride
Concen: 17.918 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:	117	Resp:	43901
Ion	Ratio	Lower	Upper
117	100		
119	102.3	74.2	111.4
121	27.8	23.0	34.6





#39
Methylcyclohexane
Concen: 19.678 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

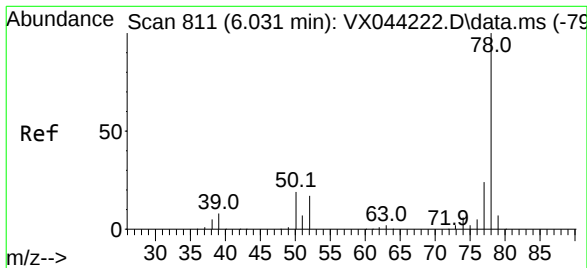
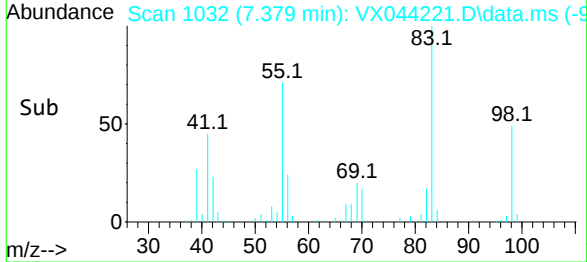
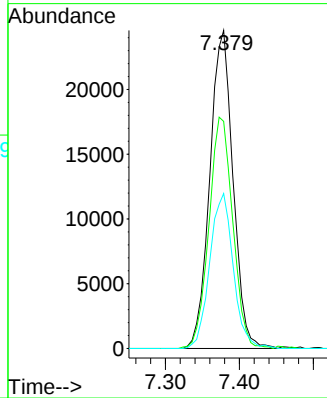
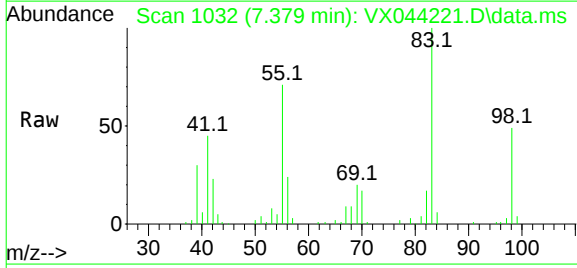
Tgt Ion: 83 Resp: 53536
Ion Ratio Lower Upper
83 100
55 71.4 60.7 91.1
98 48.7 38.9 58.3

Manual Integrations

APPROVED

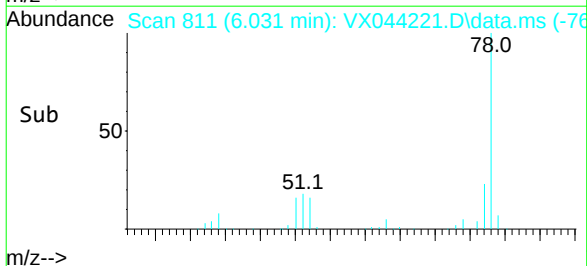
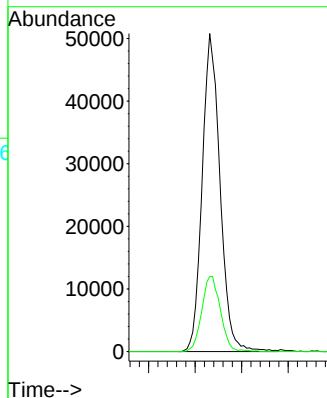
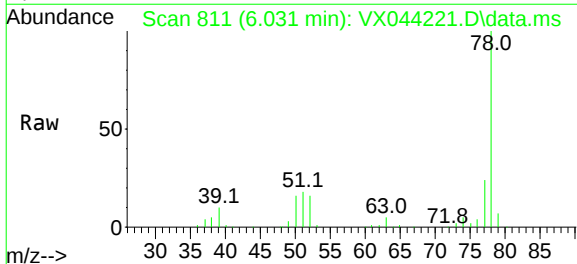
Reviewed By :John Carlone 12/12/2024

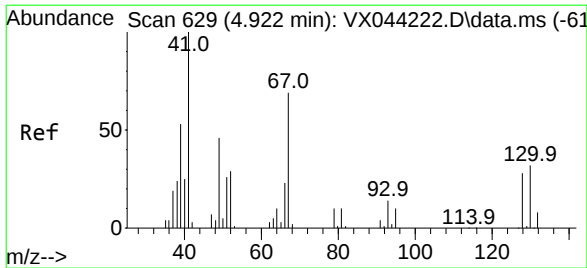
Supervised By :Mahesh Dadoda 12/12/2024



#40
Benzene
Concen: 19.606 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 78 Resp: 135467
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





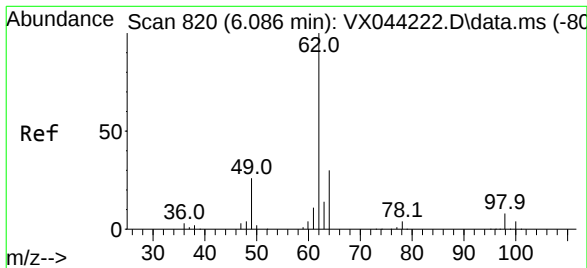
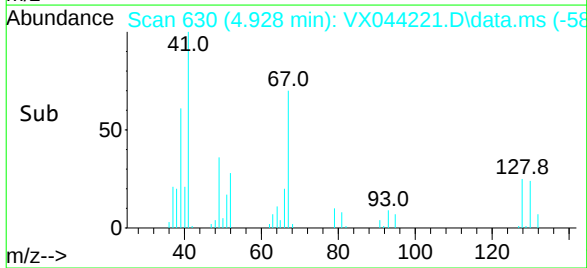
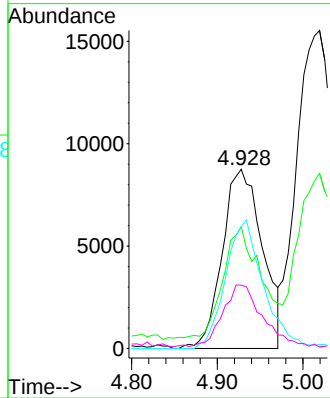
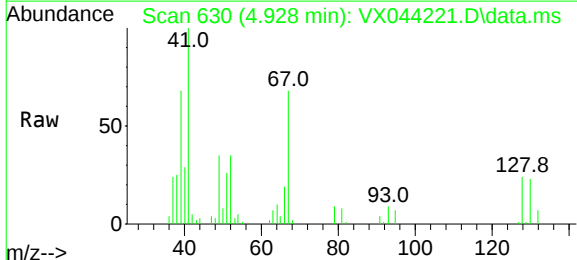
#41
Methacrylonitrile
Concen: 19.095 ug/l
RT: 4.928 min Scan# 630
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 41	Resp: 28523
Ion Ratio	Lower Upper
41 100	
39 59.0	44.2 66.4
67 67.6	57.2 85.8
52 35.1	24.6 37.0

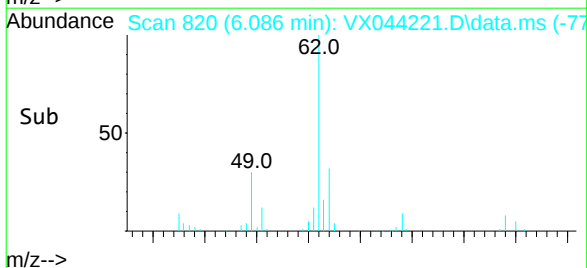
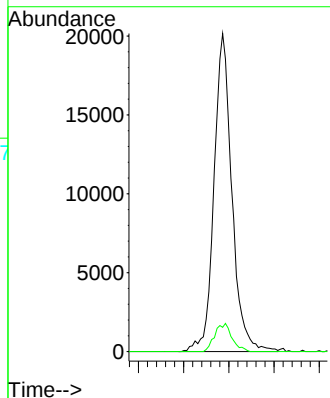
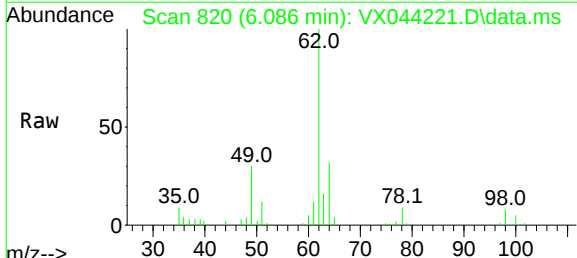
Manual Integrations
APPROVED

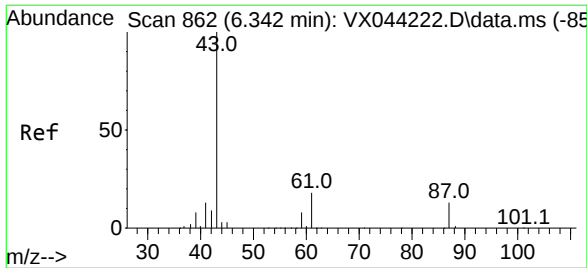
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#42
1,2-Dichloroethane
Concen: 19.456 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 62	Resp: 55377
Ion Ratio	Lower Upper
62 100	
98 8.5	0.0 15.8





#43

Isopropyl Acetate

Concen: 19.301 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

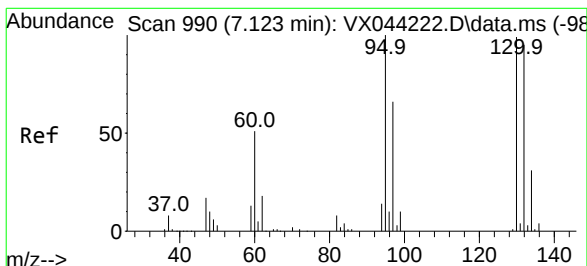
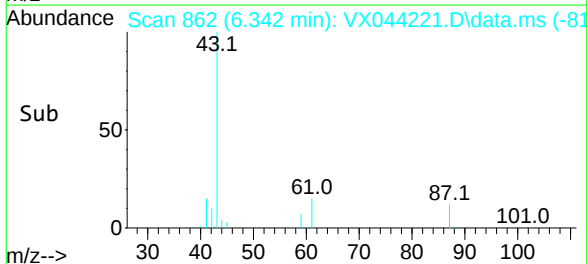
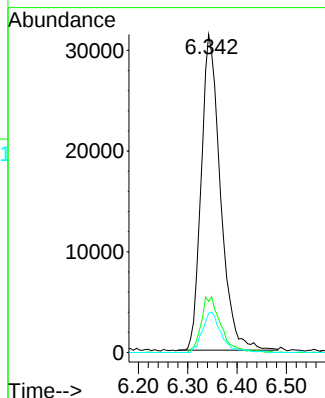
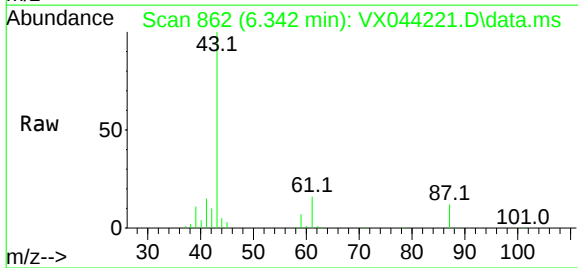
Tgt Ion:	43	Resp:	84866
Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.2	21.2
87	12.5	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#44

Trichloroethene

Concen: 19.149 ug/l

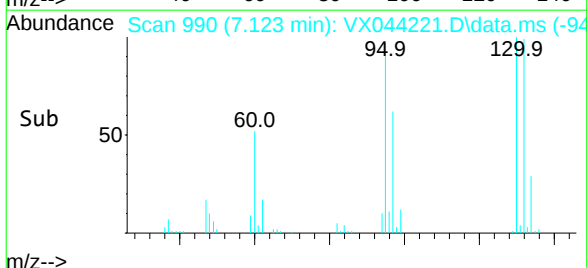
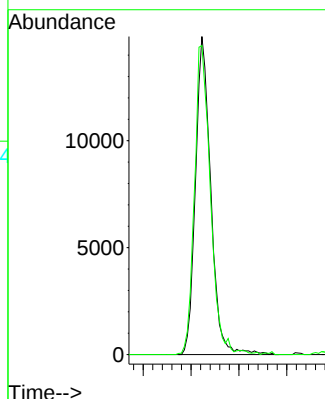
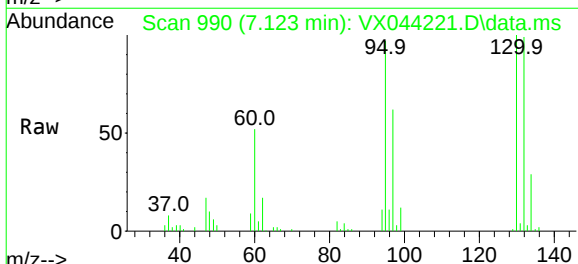
RT: 7.123 min Scan# 990

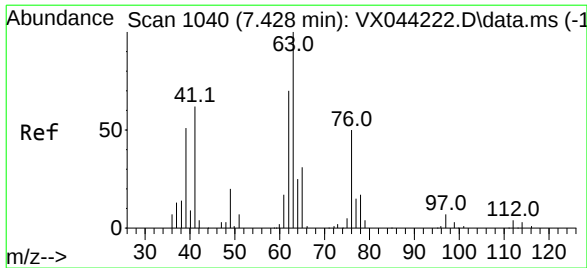
Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Tgt Ion:	130	Resp:	32995
Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	201.4





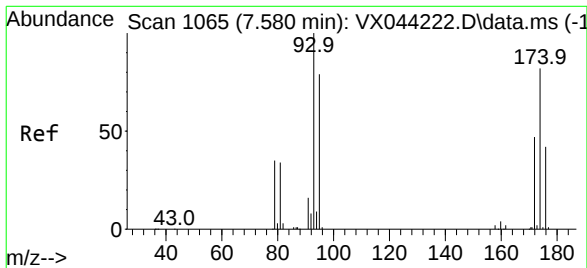
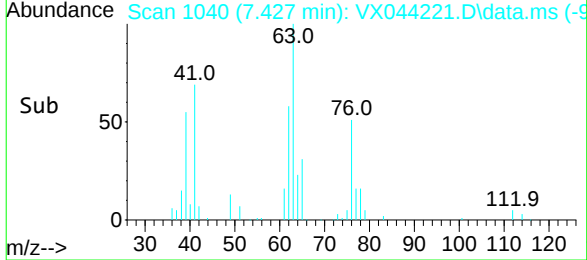
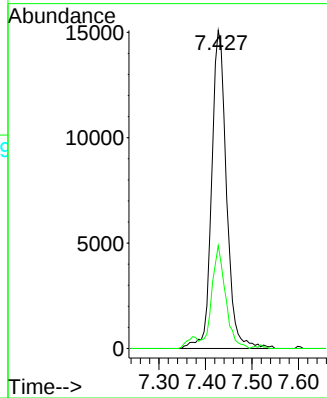
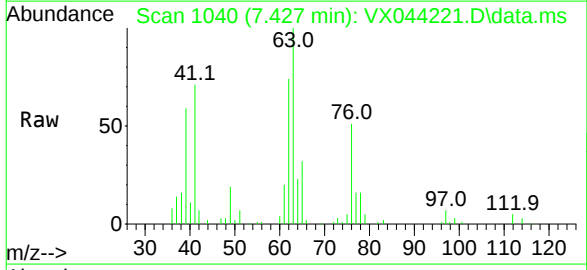
#45
1,2-Dichloropropane
Concen: 19.025 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 33585
Ion Ratio Lower Upper
63 100
65 32.4 24.6 37.0

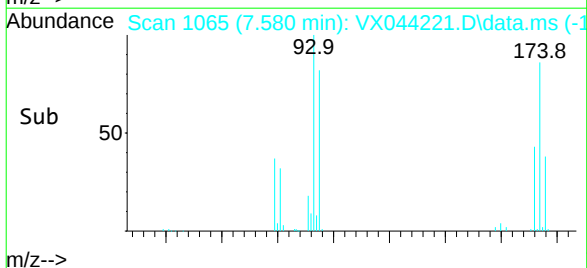
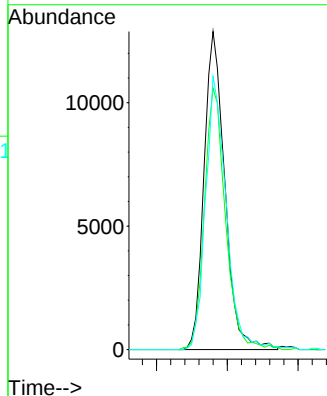
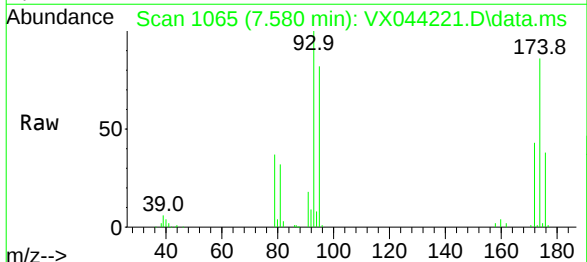
Manual Integrations
APPROVED

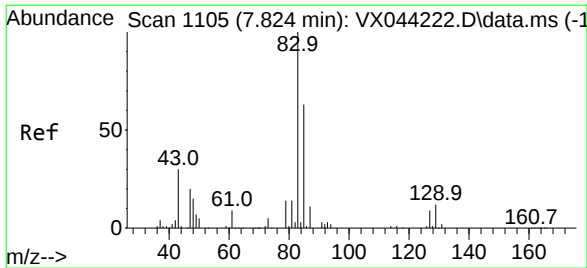
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#46
Dibromomethane
Concen: 19.199 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 93 Resp: 26293
Ion Ratio Lower Upper
93 100
95 83.0 65.4 98.2
174 86.1 67.9 101.9





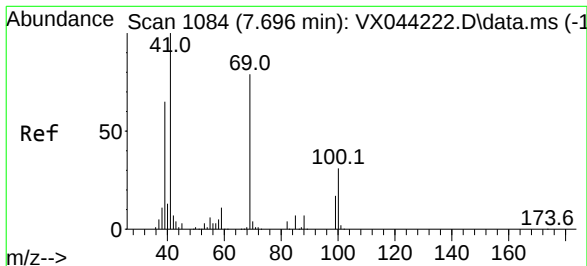
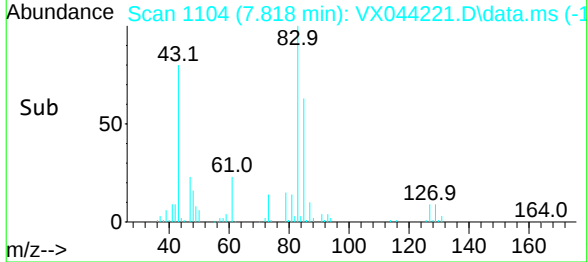
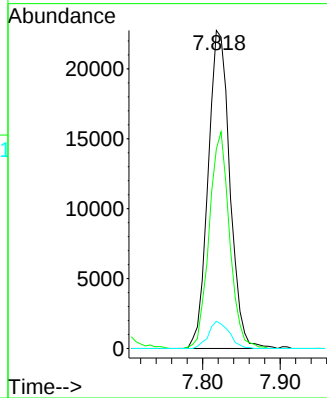
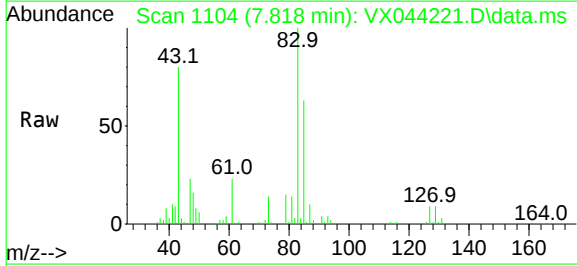
#47
Bromodichloromethane
Concen: 18.735 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 44312
Ion Ratio Lower Upper
83 100
85 62.7 50.6 75.8
127 8.6 7.3 10.9

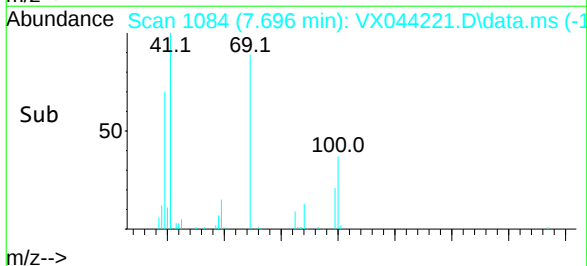
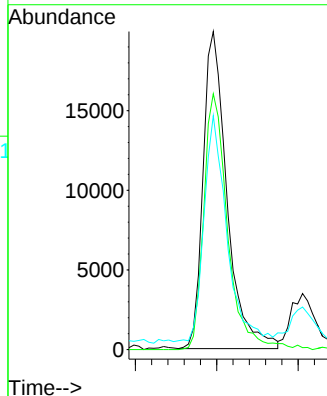
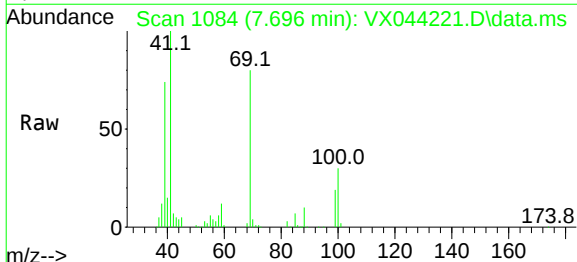
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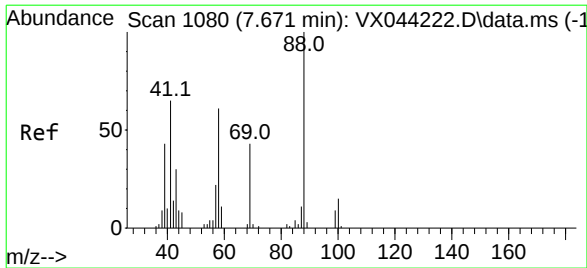
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#48
Methyl methacrylate
Concen: 19.032 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 41 Resp: 40620
Ion Ratio Lower Upper
41 100
69 80.5 62.4 93.6
39 67.5 53.3 79.9





#49

1,4-Dioxane

Concen: 391.518 ug/l m

RT: 7.671 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VX044221.D

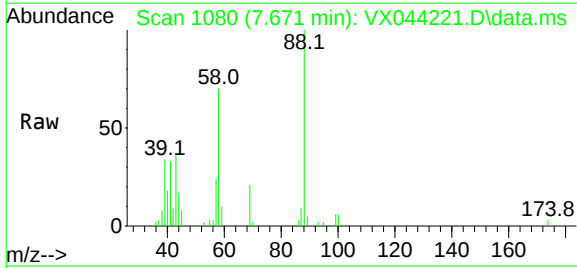
Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



Tgt Ion: 88 Resp: 14281

Ion Ratio Lower Upper

88 100

43 34.0 27.1 40.7

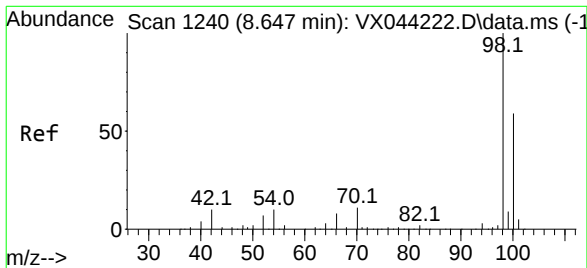
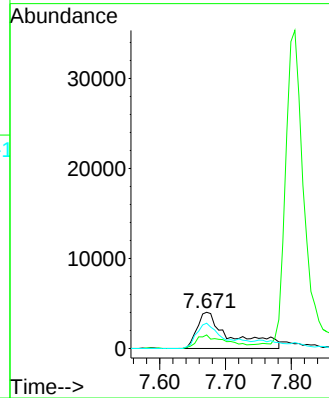
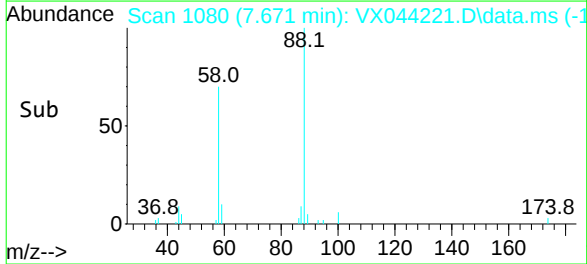
58 49.5 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#50

Toluene-d8

Concen: 17.284 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044221.D

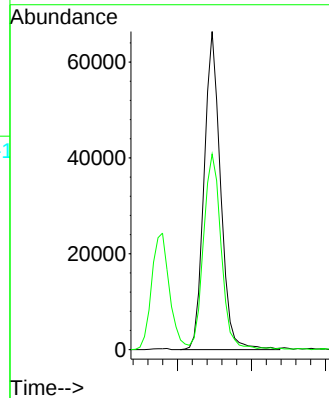
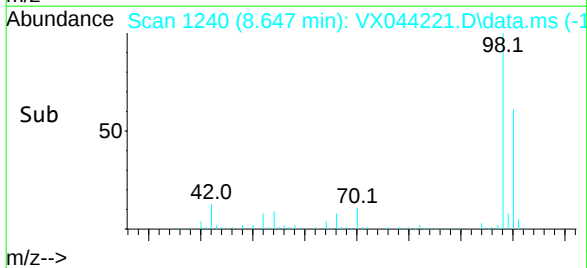
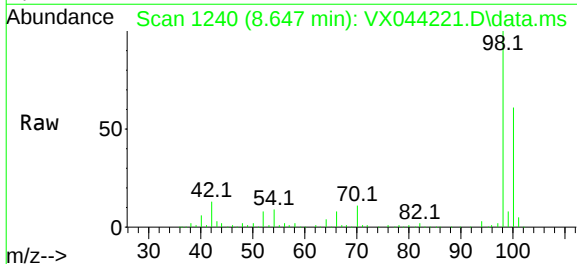
Acq: 11 Dec 2024 11:50

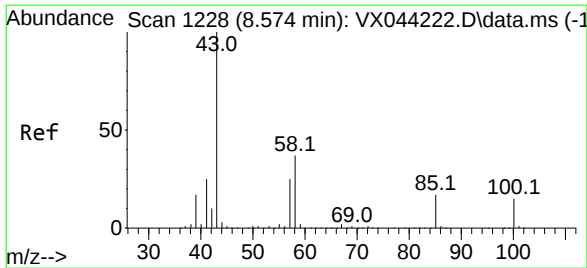
Tgt Ion: 98 Resp: 102660

Ion Ratio Lower Upper

98 100

100 65.4 51.5 77.3





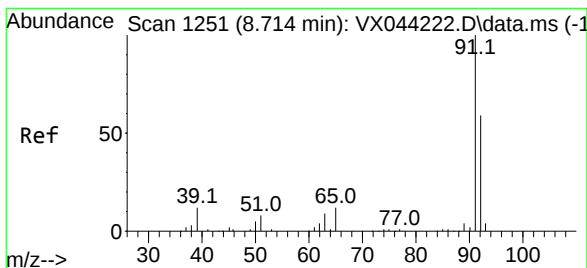
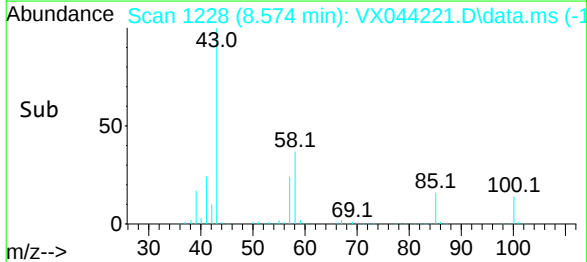
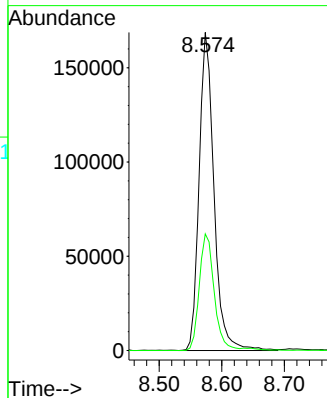
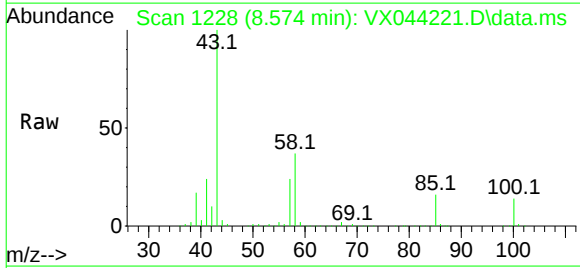
#51
4-Methyl-2-Pentanone
Concen: 98.429 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 278267
Ion Ratio Lower Upper
43 100
58 36.6 29.4 44.0

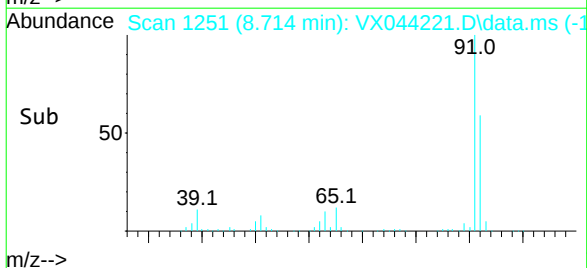
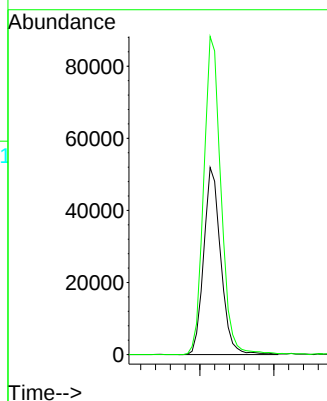
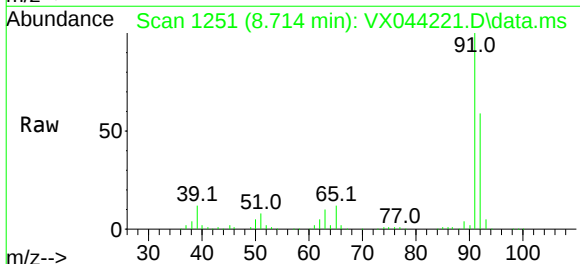
Manual Integrations
APPROVED

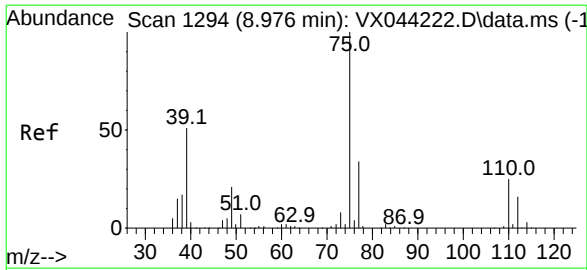
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#52
Toluene
Concen: 19.113 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 92 Resp: 82934
Ion Ratio Lower Upper
92 100
91 172.9 137.0 205.6





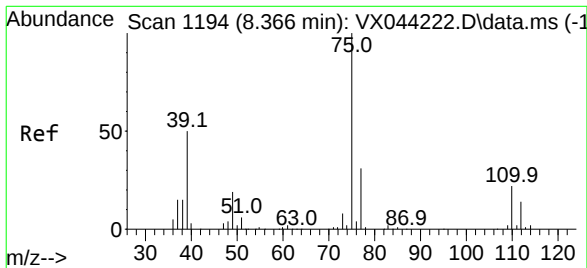
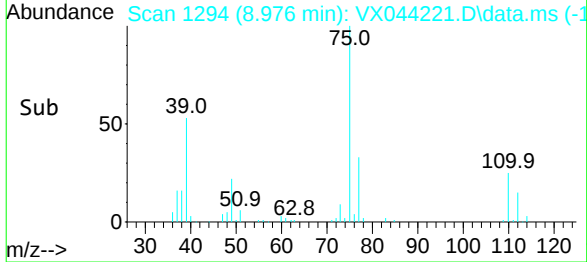
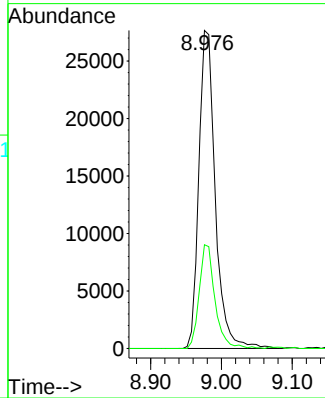
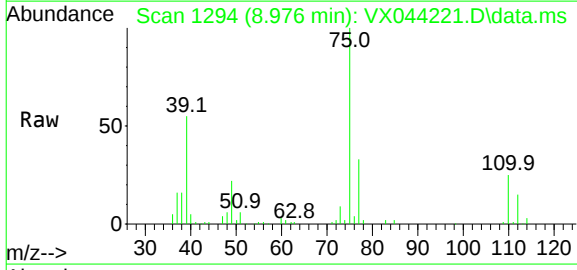
#53
t-1,3-Dichloropropene
Concen: 18.785 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 44614
Ion Ratio Lower Upper
75 100
77 32.6 27.2 40.8

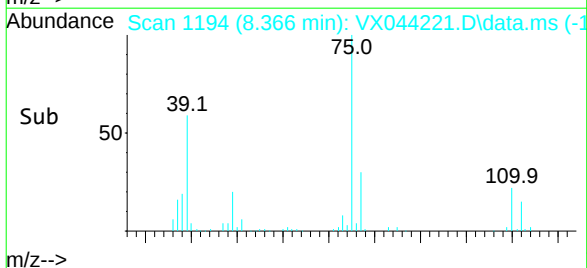
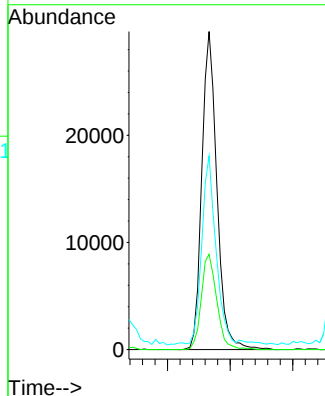
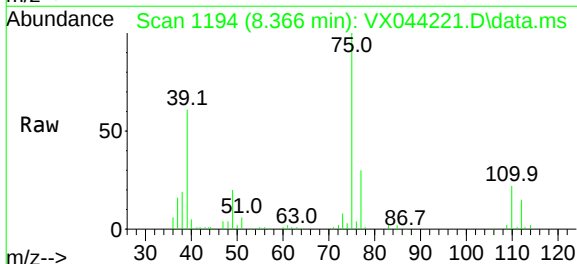
Manual Integrations
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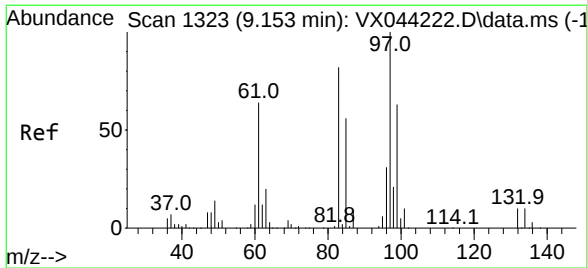
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#54
cis-1,3-Dichloropropene
Concen: 19.258 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

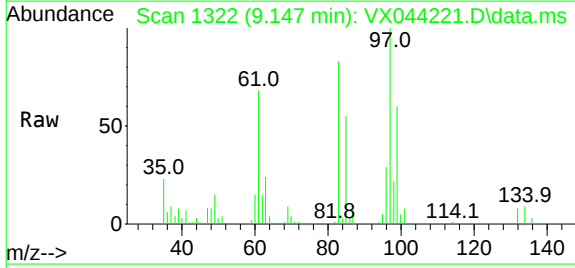
Tgt Ion: 75 Resp: 49596
Ion Ratio Lower Upper
75 100
77 30.0 24.7 37.1
39 59.4 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 19.732 ug/l
RT: 9.147 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

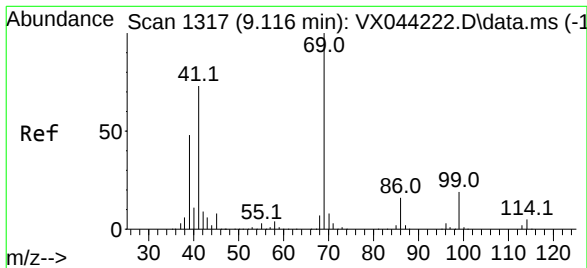
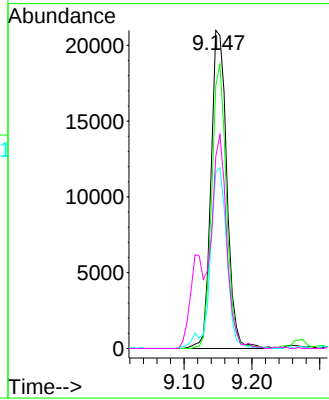
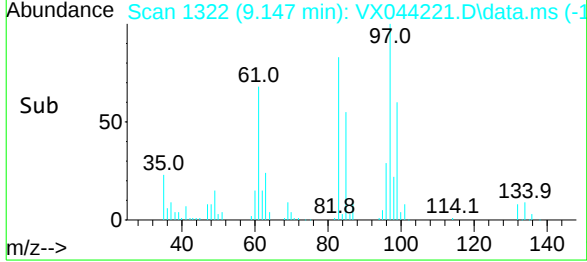
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.6	65.3	97.9
85	55.3	44.6	67.0
99	60.4	50.2	75.2

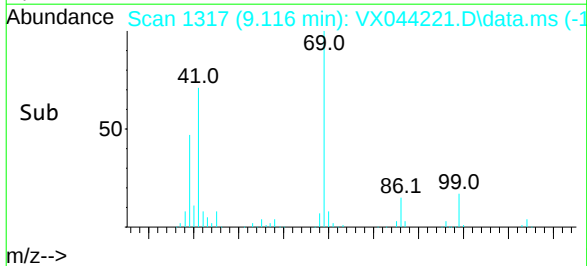
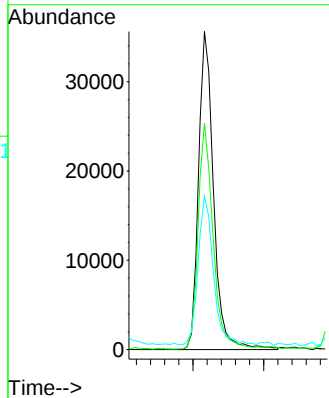
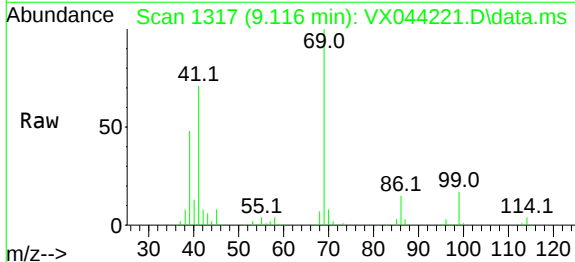
Manual Integrations
APPROVED

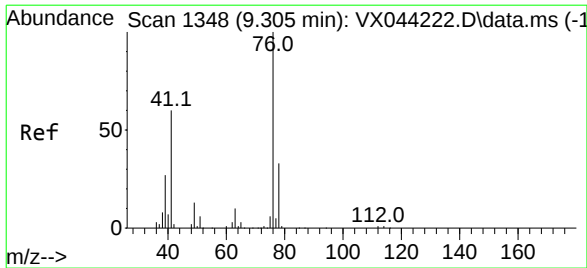
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#56
Ethyl methacrylate
Concen: 19.318 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.6	85.0
39	47.8	37.4	56.0





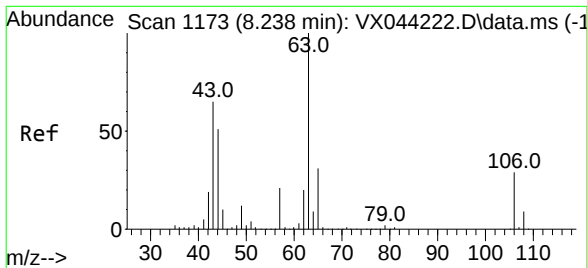
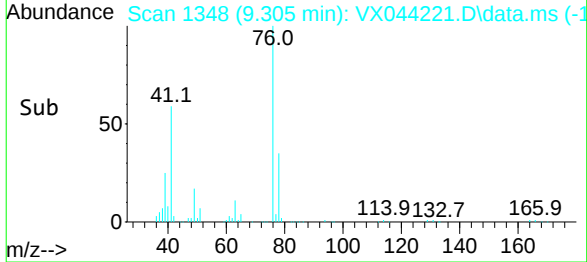
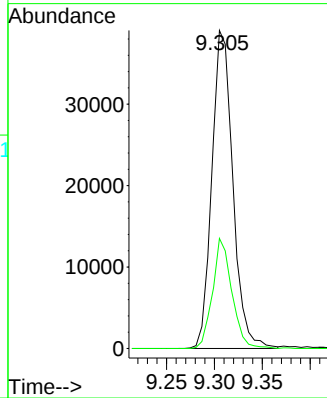
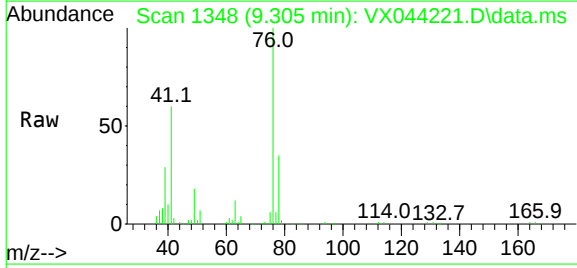
#57
1,3-Dichloropropane
Concen: 19.827 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 59489
Ion Ratio Lower Upper
76 100
78 31.9 26.5 39.7

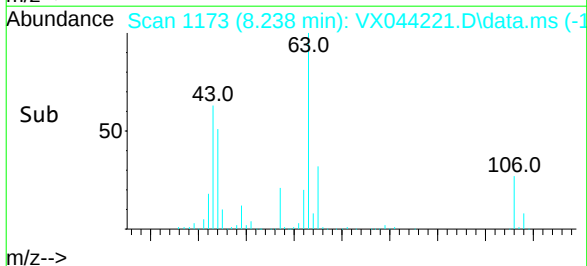
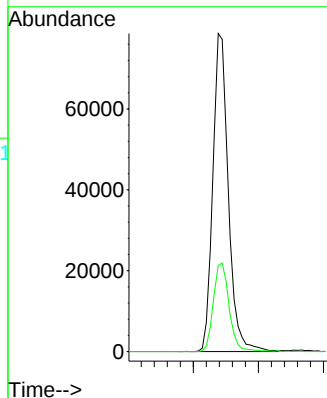
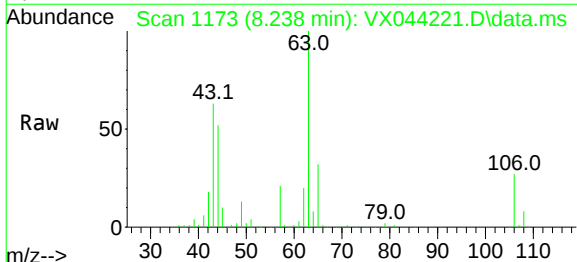
Manual Integrations
APPROVED

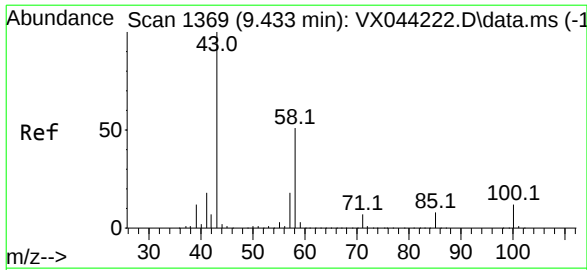
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#58
2-Chloroethyl Vinyl ether
Concen: 94.642 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 63 Resp: 129900
Ion Ratio Lower Upper
63 100
106 28.4 22.8 34.2





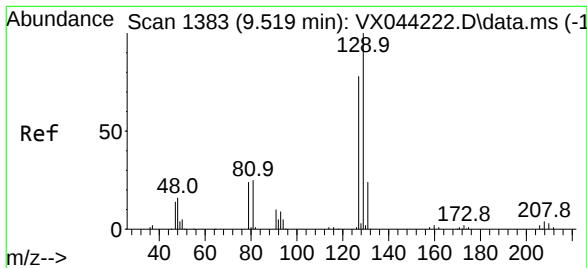
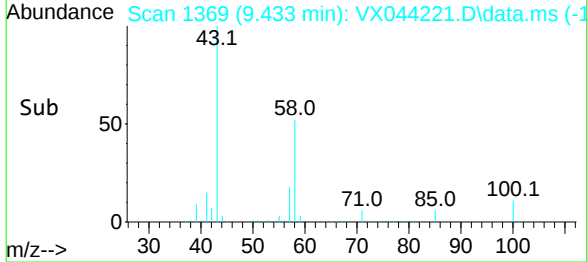
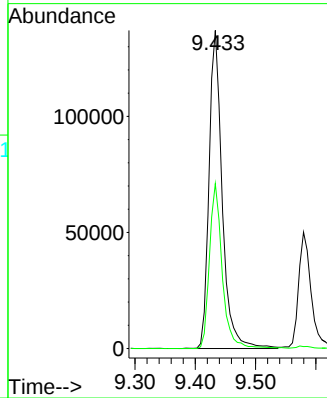
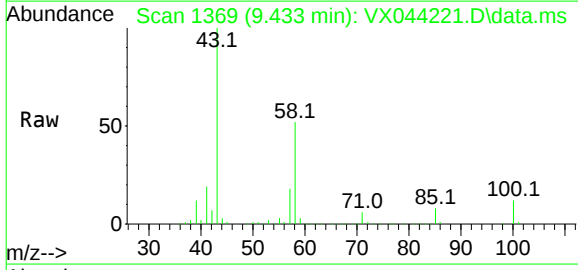
#59
2-Hexanone
Concen: 101.440 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 207578
Ion Ratio Lower Upper
43 100
58 50.4 25.7 77.0

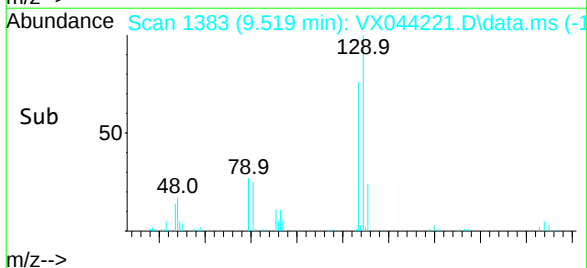
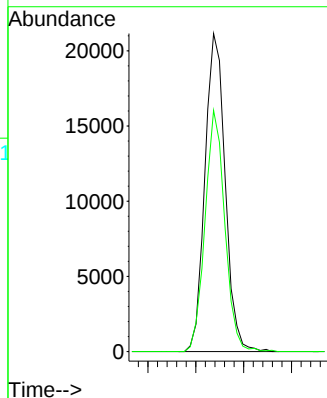
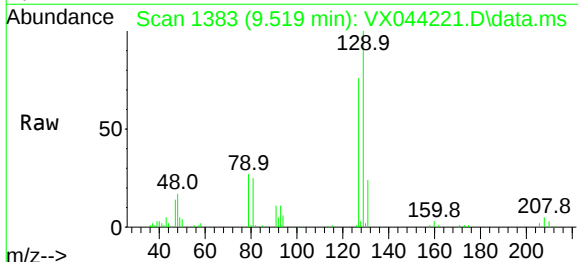
Manual Integrations
APPROVED

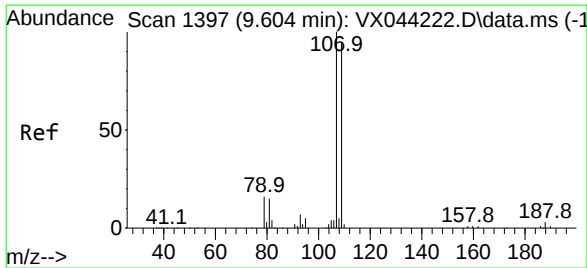
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#60
Dibromochloromethane
Concen: 18.318 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:129 Resp: 31066
Ion Ratio Lower Upper
129 100
127 74.1 38.5 115.3





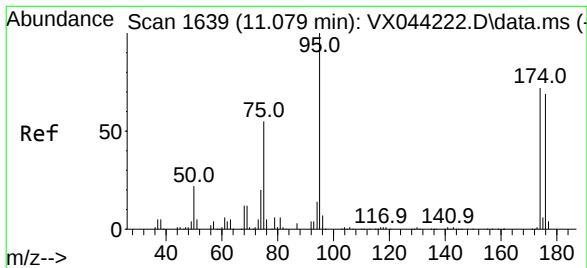
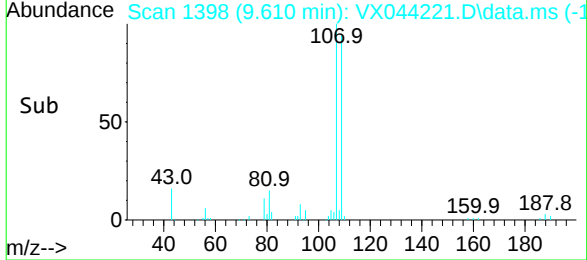
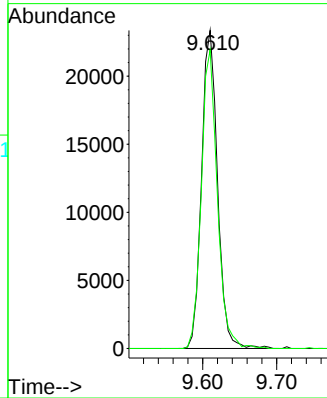
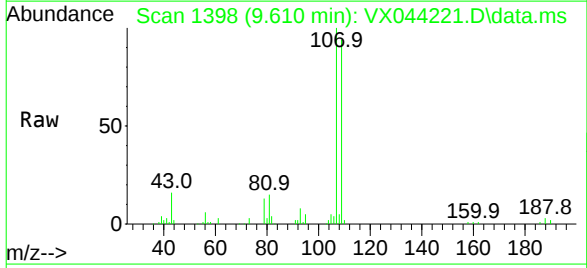
#61
1,2-Dibromoethane
Concen: 19.935 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 107 Resp: 34978
Ion Ratio Lower Upper
107 100
109 94.4 77.0 115.4

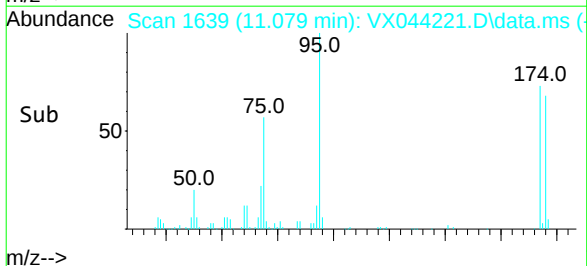
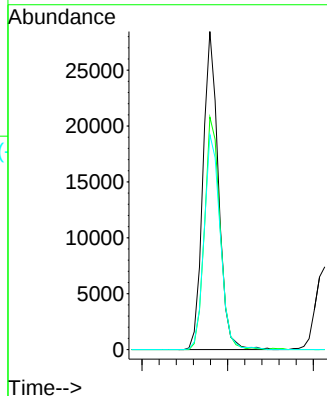
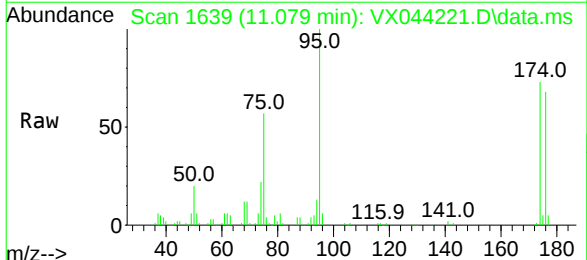
Manual Integrations
APPROVED

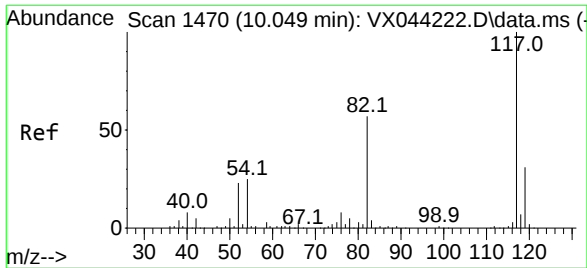
Reviewed By : John Carlone 12/12/2024
Supervised By : Mahesh Dadoda 12/12/2024



#62
4-Bromofluorobenzene
Concen: 17.175 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 95 Resp: 35645
Ion Ratio Lower Upper
95 100
174 73.3 0.0 145.8
176 70.5 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

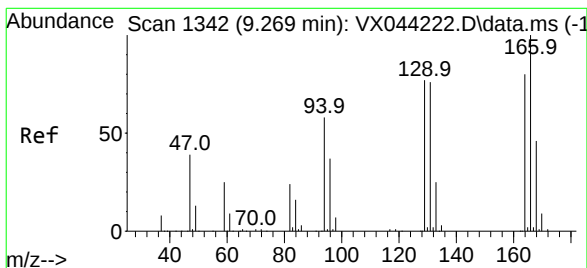
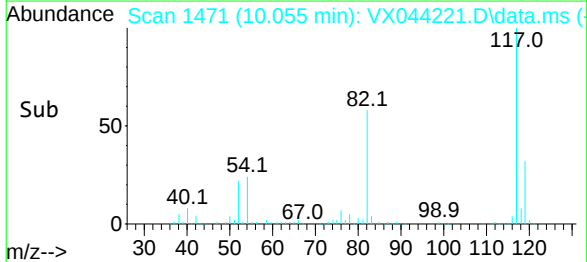
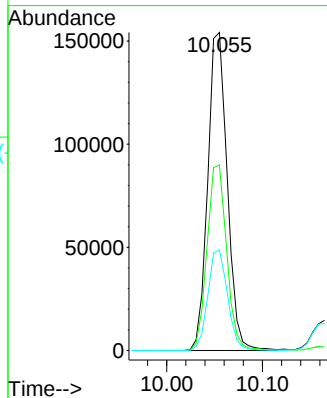
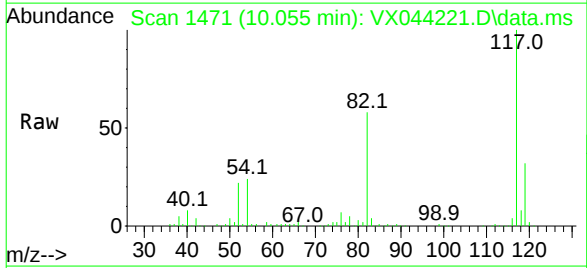
Tgt Ion:	117	Resp:	218148
Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.8	68.8
119	31.6	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#64

Tetrachloroethene

Concen: 19.133 ug/l

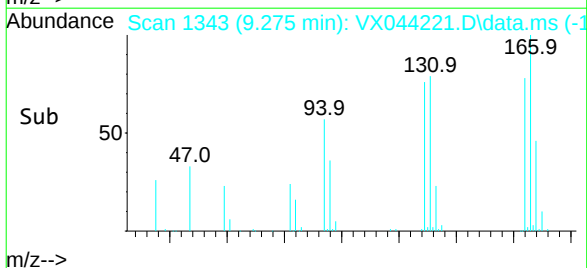
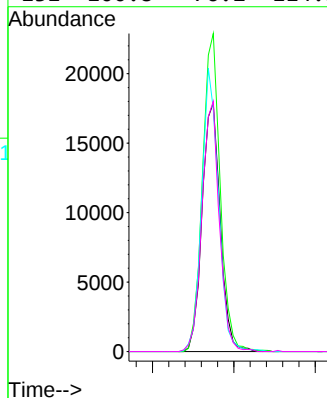
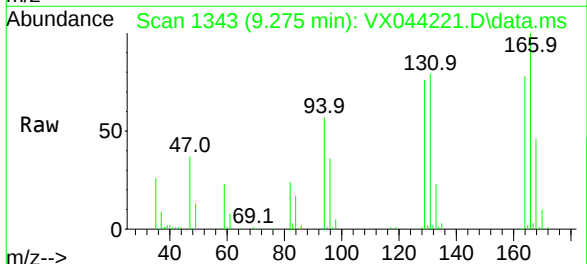
RT: 9.275 min Scan# 1343

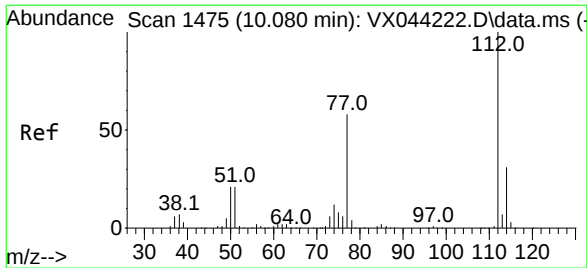
Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Tgt Ion:	164	Resp:	27702
Ion	Ratio	Lower	Upper
164	100		
166	128.0	100.4	150.6
129	97.5	77.2	115.8
131	100.8	76.2	114.2





#65

Chlorobenzene

Concen: 19.389 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:112 Resp: 90631

Ion Ratio Lower Upper

112 100

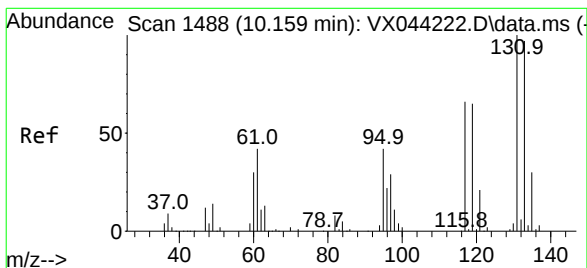
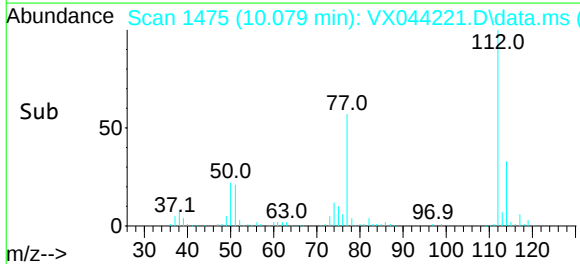
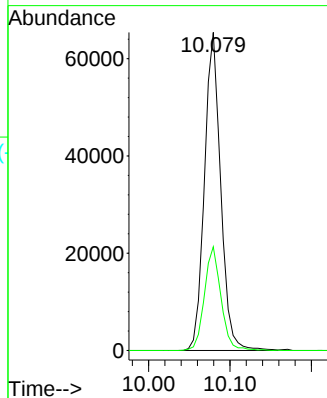
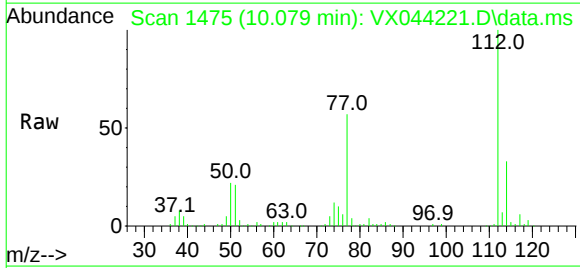
114 32.6 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 19.392 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

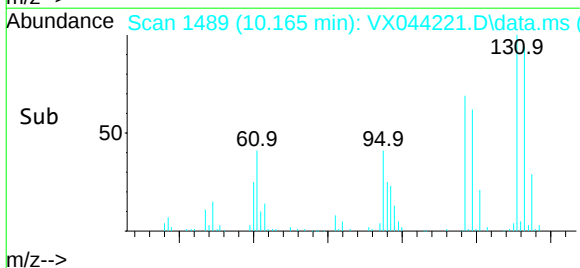
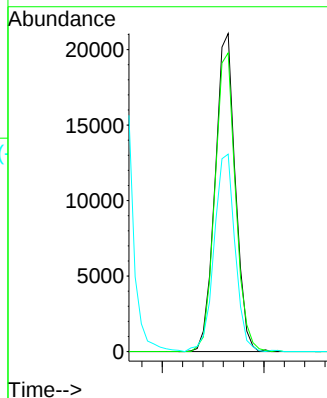
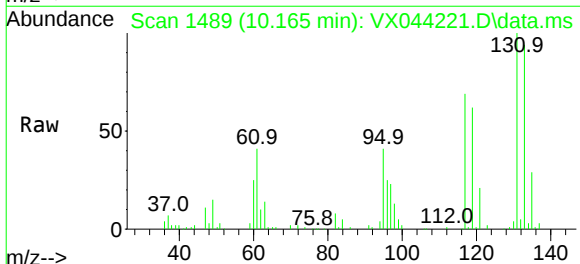
Tgt Ion:131 Resp: 29132

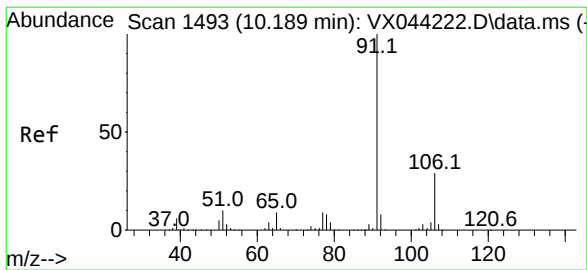
Ion Ratio Lower Upper

131 100

133 95.8 47.3 141.8

119 64.0 31.6 95.0





#67

Ethyl Benzene

Concen: 19.619 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 158455

Ion Ratio Lower Upper

91 100

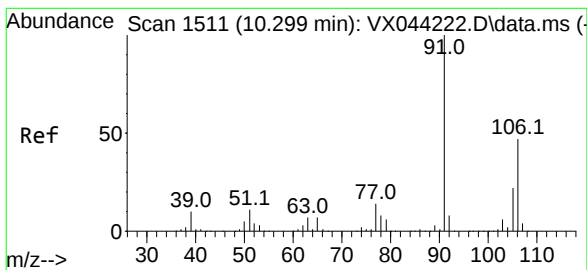
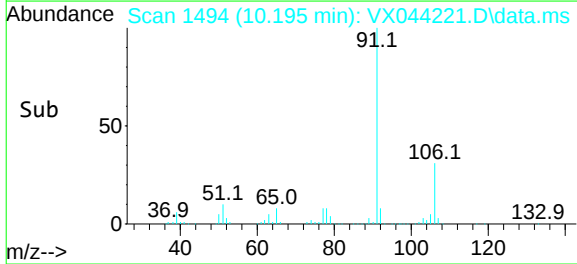
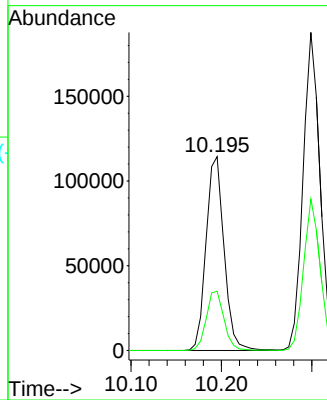
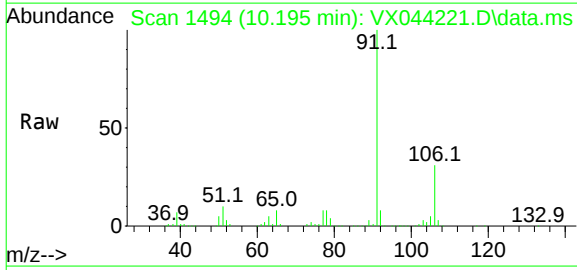
106 30.6 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#68

m/p-Xylenes

Concen: 39.183 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044221.D

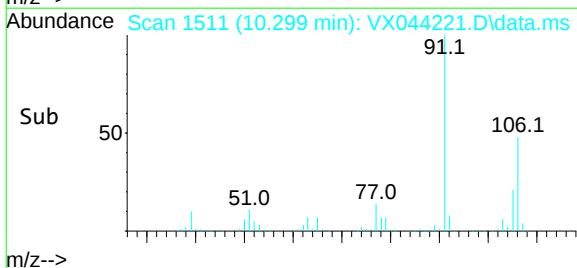
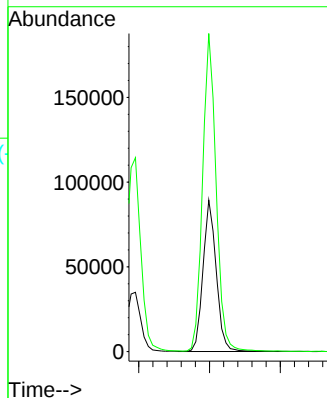
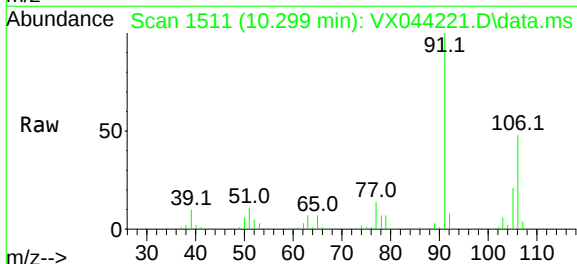
Acq: 11 Dec 2024 11:50

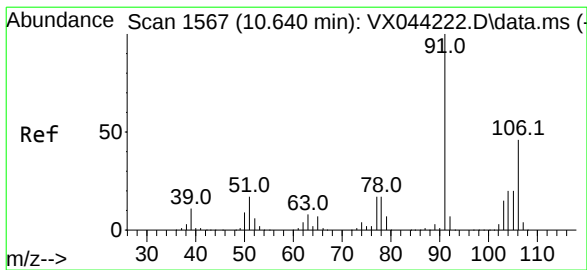
Tgt Ion:106 Resp: 116126

Ion Ratio Lower Upper

106 100

91 215.5 170.2 255.2





#69

o-Xylene

Concen: 19.938 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:106 Resp: 59787

Ion Ratio Lower Upper

106 100

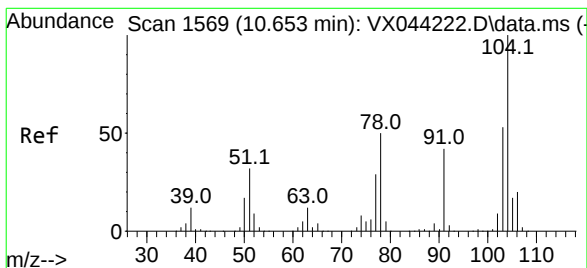
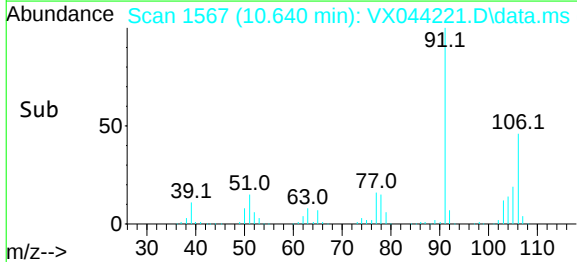
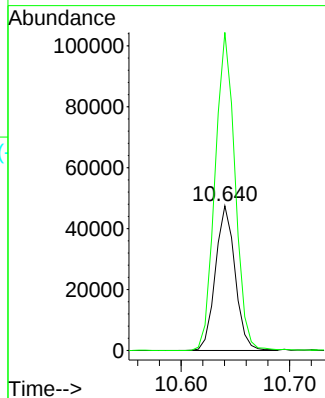
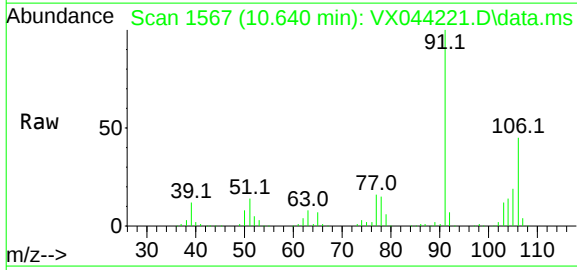
91 223.6 112.3 337.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#70

Styrene

Concen: 19.946 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

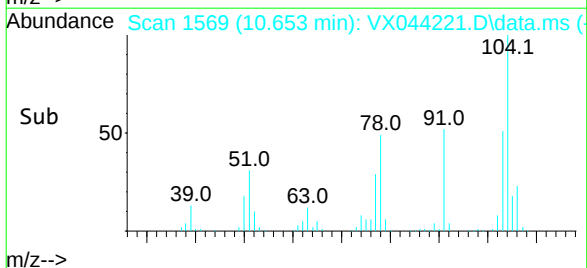
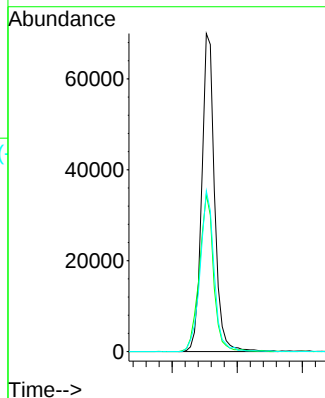
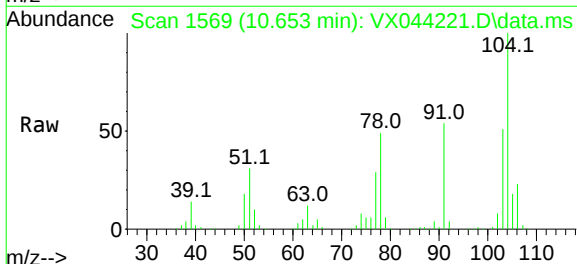
Tgt Ion:104 Resp: 95883

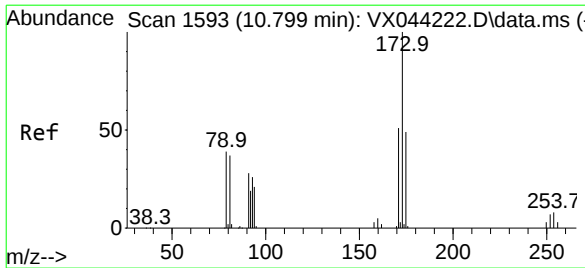
Ion Ratio Lower Upper

104 100

78 54.7 44.6 67.0

103 55.2 45.4 68.0





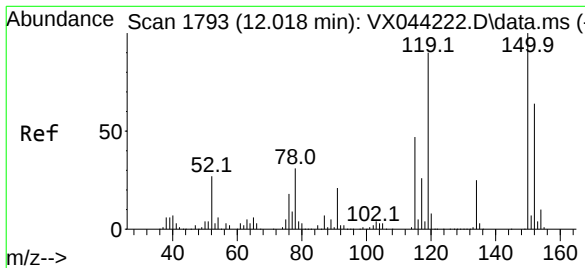
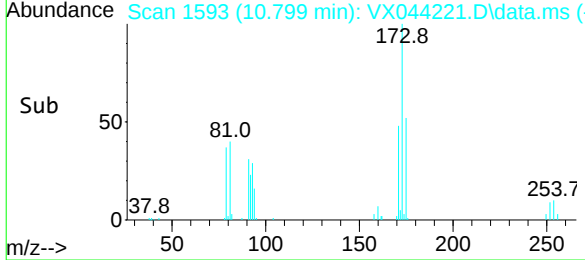
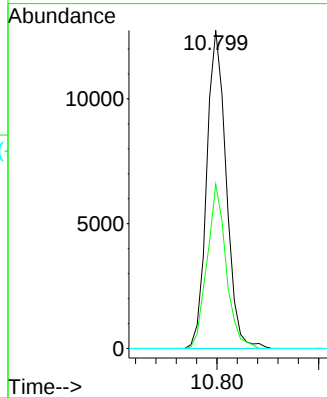
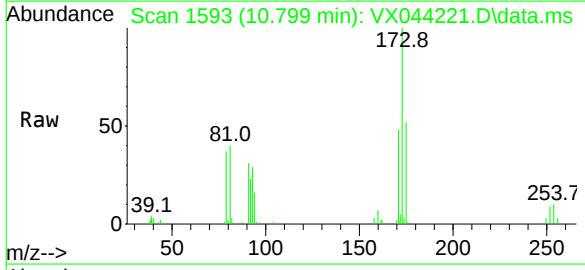
#71
Bromoform
Concen: 18.112 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt	Ion:173	Resp:	16924
Ion	Ratio	Lower	Upper
173	100		
175	50.5	23.8	71.4
254	0.0	0.0	0.0

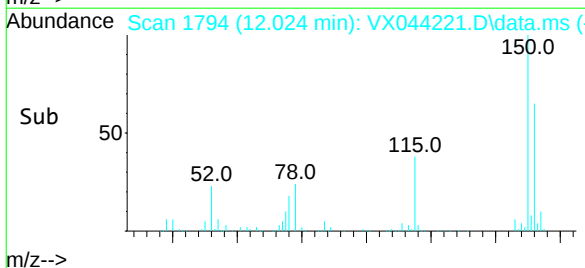
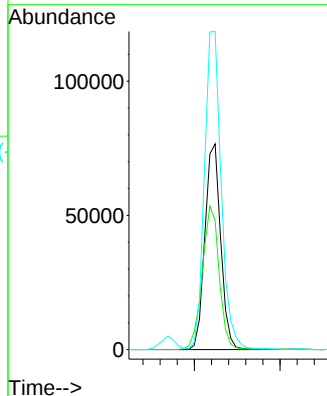
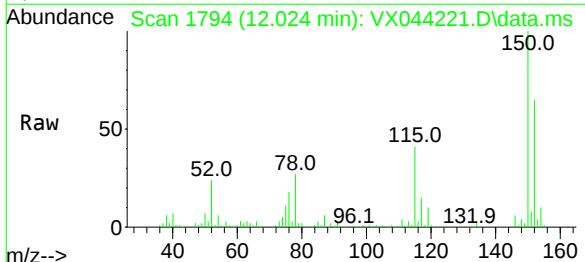
Manual Integrations
APPROVED

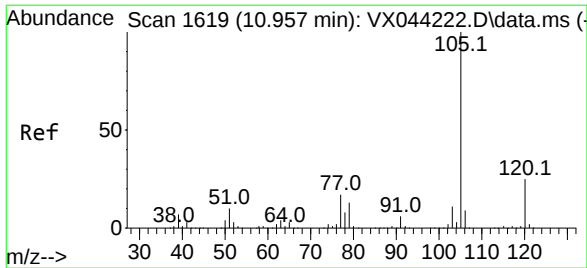
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt	Ion:152	Resp:	98180
Ion	Ratio	Lower	Upper
152	100		
115	74.8	44.5	133.3
150	164.2	0.0	353.8





#73

Isopropylbenzene

Concen: 20.481 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 105 Resp: 153935

Ion Ratio Lower Upper

105 100

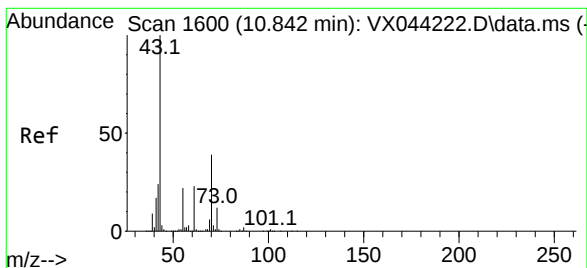
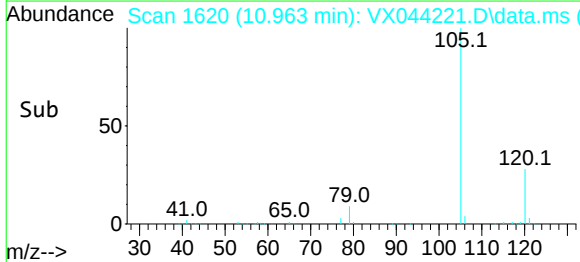
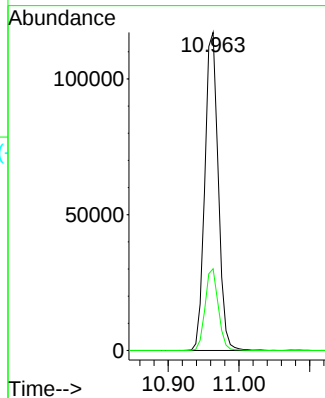
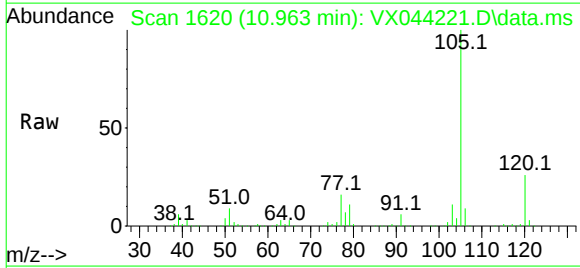
120 25.3 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#74

N-ethyl acetate

Concen: 20.049 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Tgt Ion: 43 Resp: 69643

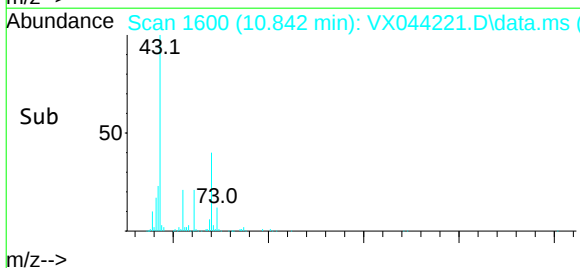
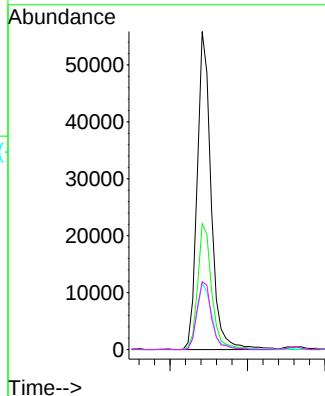
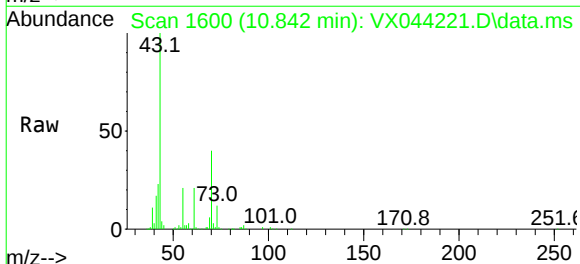
Ion Ratio Lower Upper

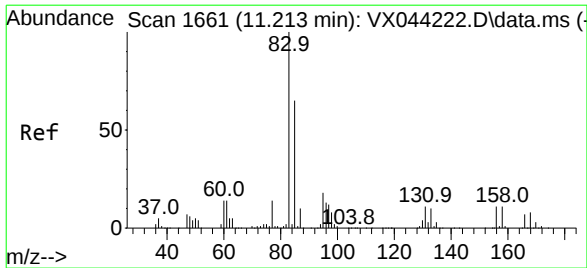
43 100

70 39.8 31.9 47.9

55 22.8 17.9 26.9

61 22.6 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.039 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

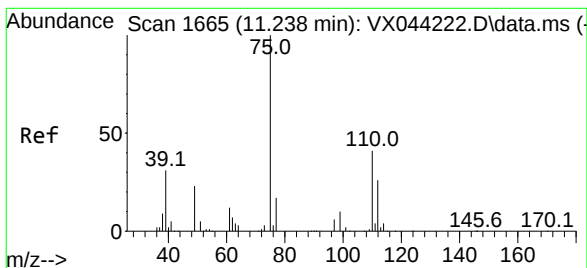
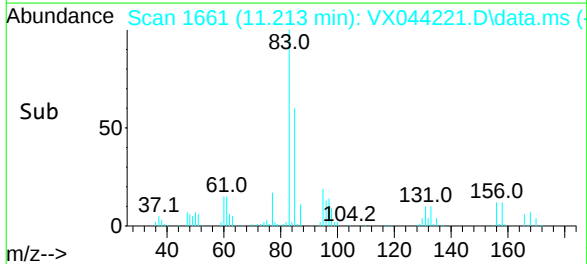
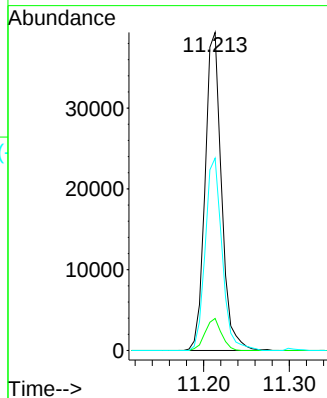
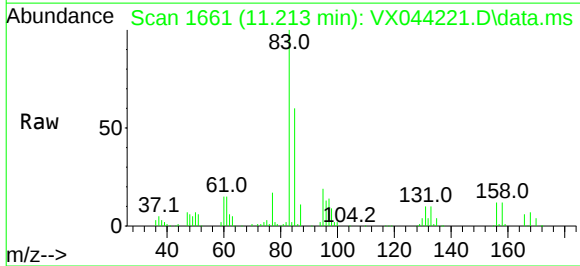
Tgt Ion:	83	Resp:	52312
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.4
85	62.1	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#76

1,2,3-Trichloropropane

Concen: 19.627 ug/l m

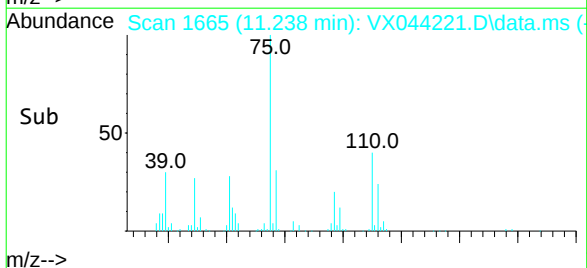
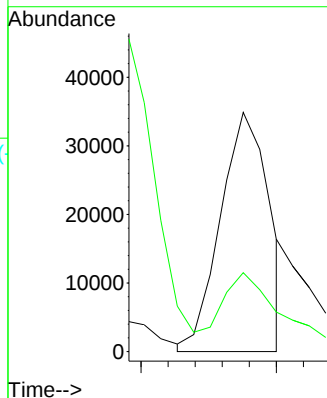
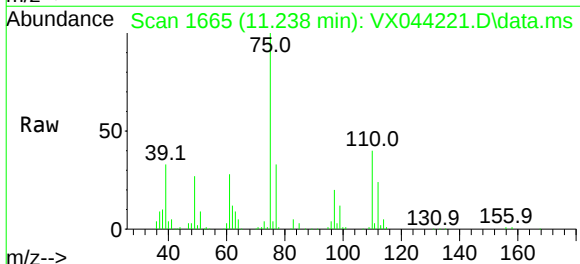
RT: 11.238 min Scan# 1665

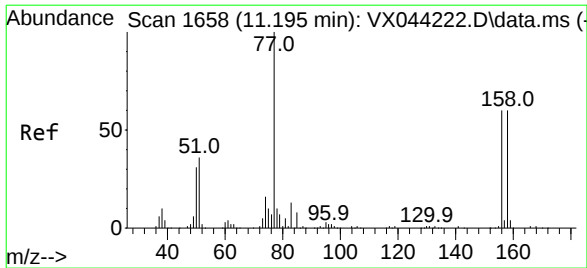
Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Tgt Ion:	75	Resp:	43726
Ion	Ratio	Lower	Upper
75	100		
77	42.1	20.9	62.7





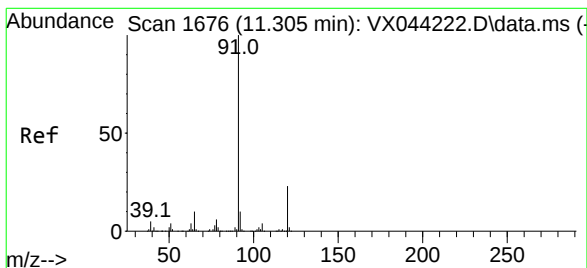
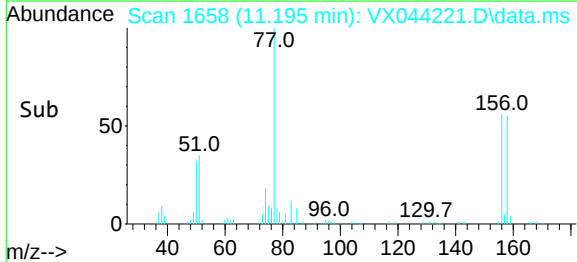
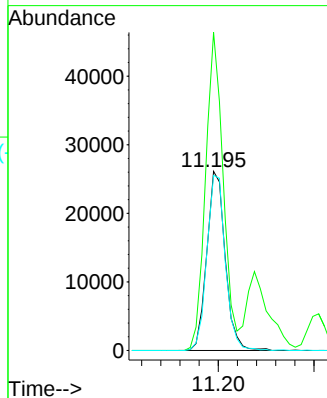
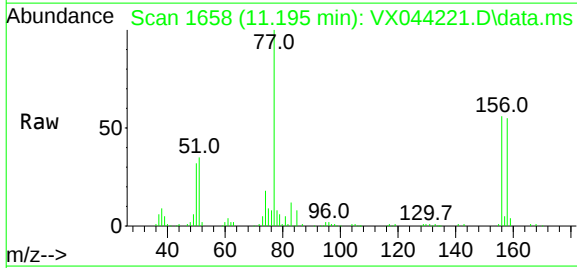
#77
Bromobenzene
Concen: 19.176 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:	156	Resp:	34951
Ion	Ratio	Lower	Upper
156	100		
77	169.4	82.6	247.8
158	98.1	48.8	146.4

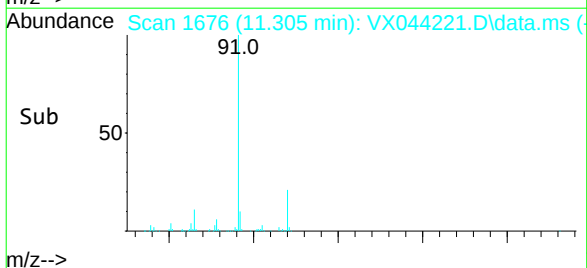
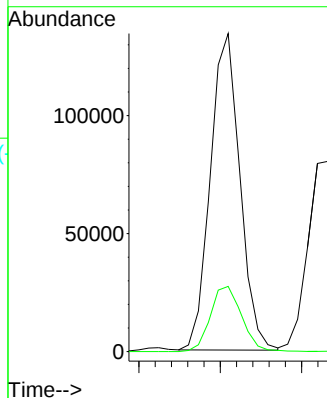
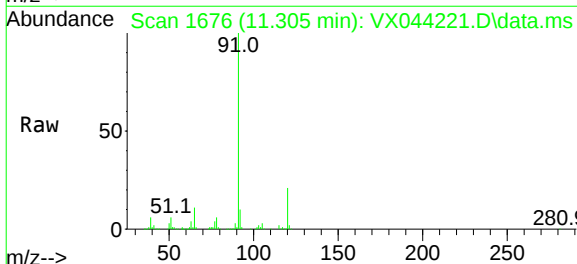
Manual Integrations
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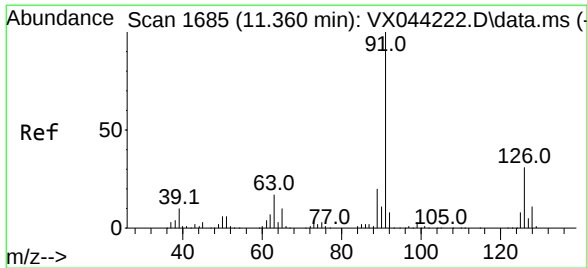
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#78
n-propylbenzene
Concen: 20.419 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:	91	Resp:	169622
Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.0	33.0





#79

2-Chlorotoluene

Concen: 19.788 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 106310

Ion Ratio Lower Upper

91 100

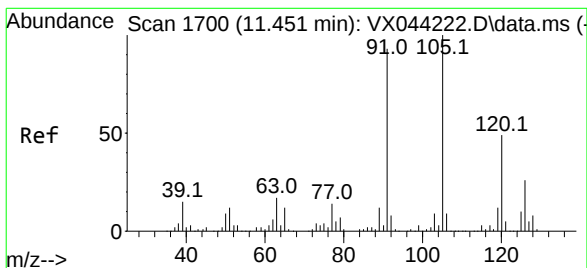
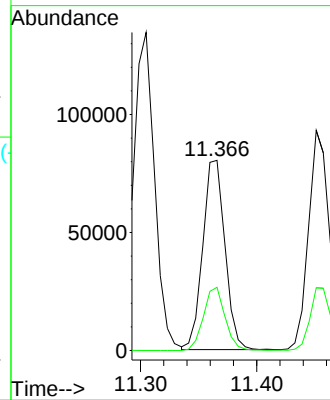
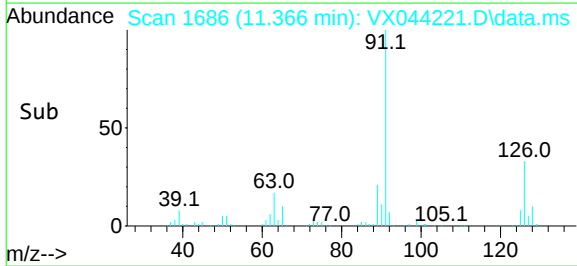
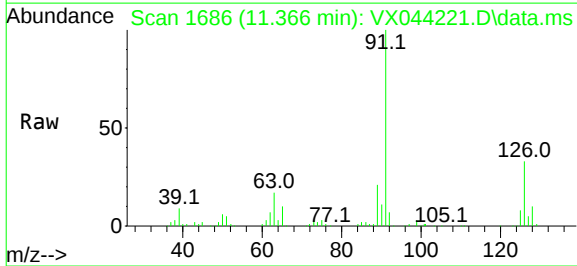
126 32.5 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#80

1,3,5-Trimethylbenzene

Concen: 20.315 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044221.D

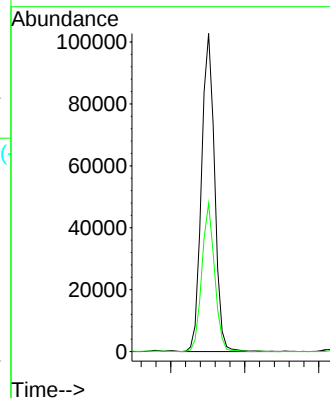
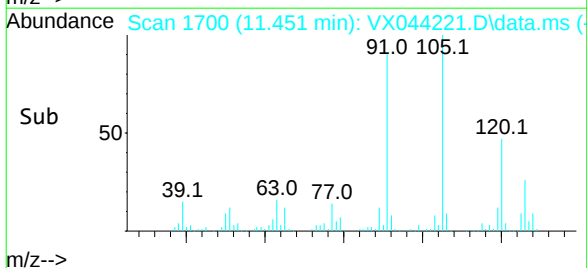
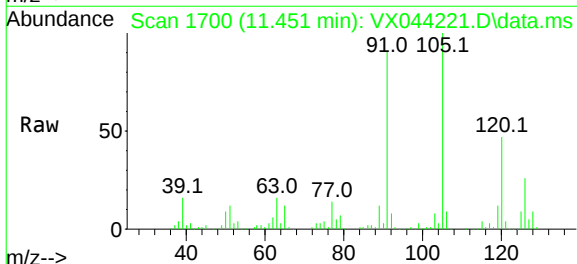
Acq: 11 Dec 2024 11:50

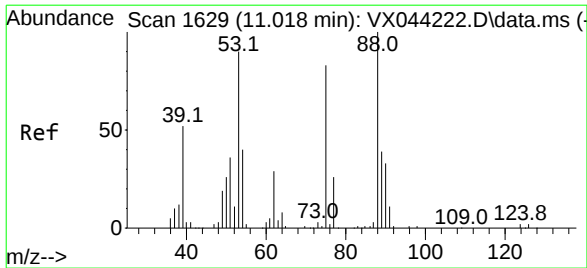
Tgt Ion:105 Resp: 126626

Ion Ratio Lower Upper

105 100

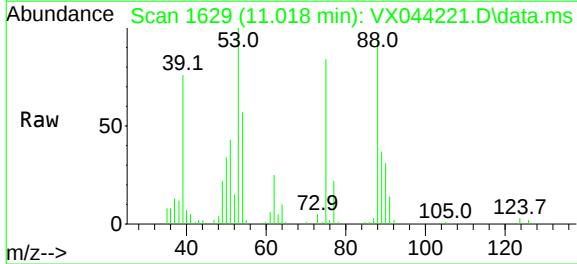
120 45.4 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 19.264 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

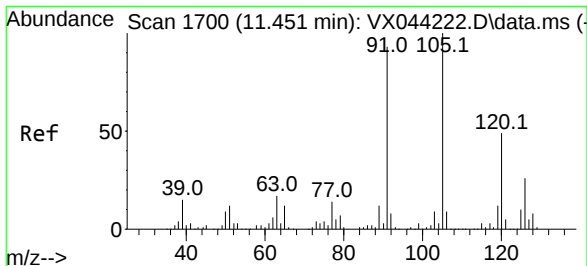
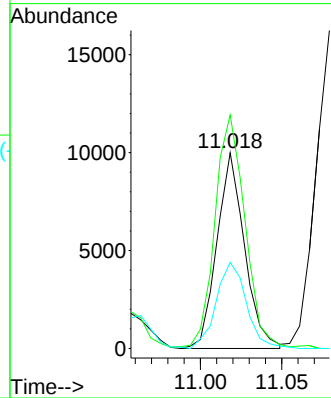
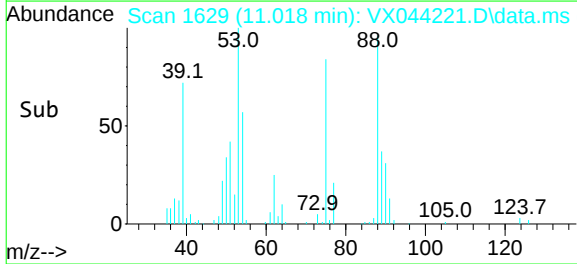
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 11784
Ion Ratio Lower Upper
75 100
53 130.8 93.6 140.4
89 48.1 37.3 55.9

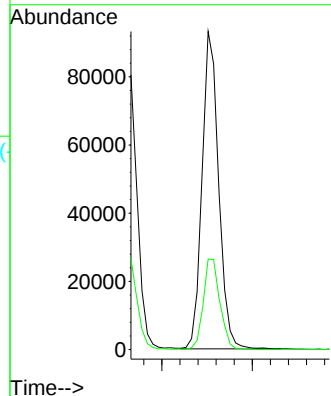
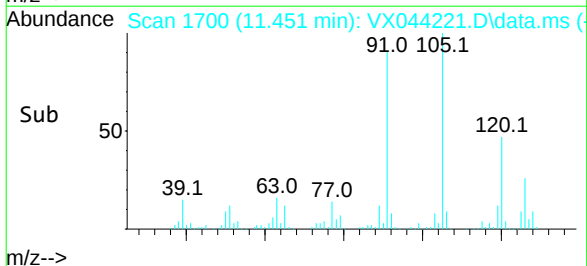
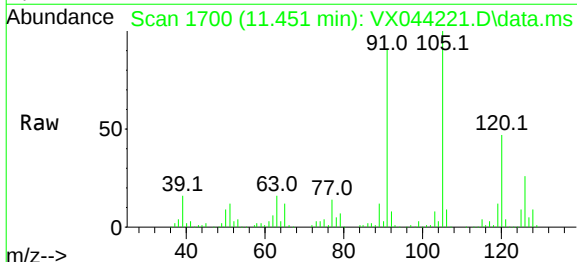
Manual Integrations
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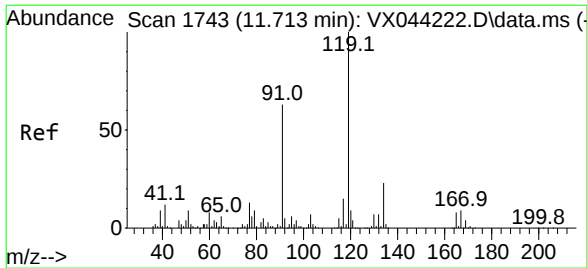
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#82
4-Chlorotoluene
Concen: 19.886 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 91 Resp: 118309
Ion Ratio Lower Upper
91 100
126 28.9 14.5 43.5





#83

tert-Butylbenzene

Concen: 19.794 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:119 Resp: 121929

Ion Ratio Lower Upper

119 100

91 66.0 30.9 92.5

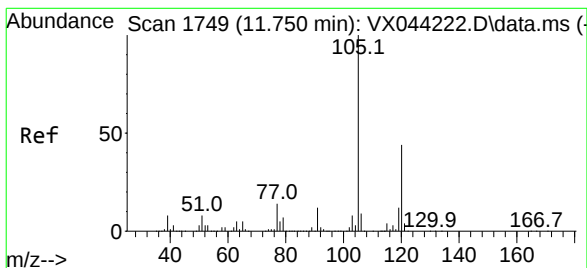
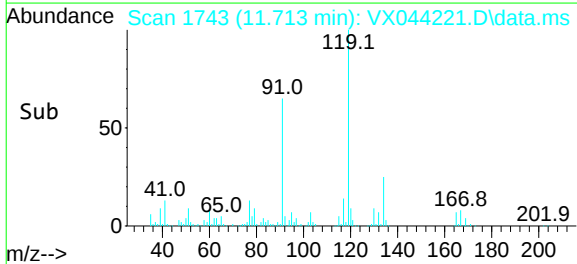
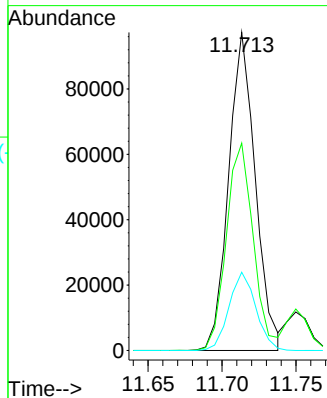
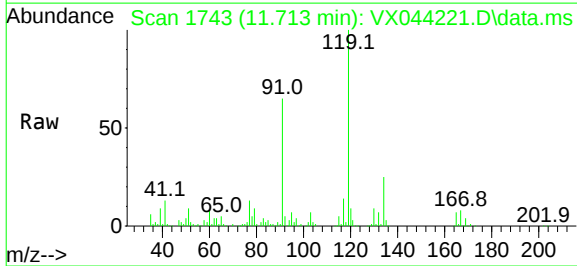
134 24.8 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#84

1,2,4-Trimethylbenzene

Concen: 20.574 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044221.D

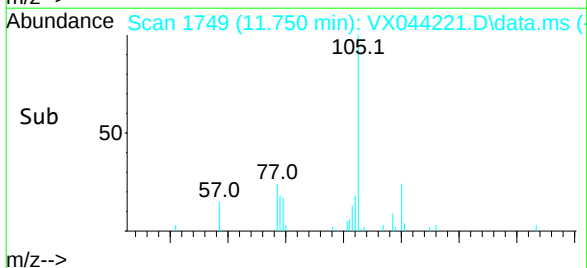
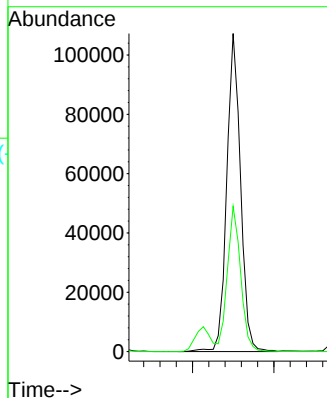
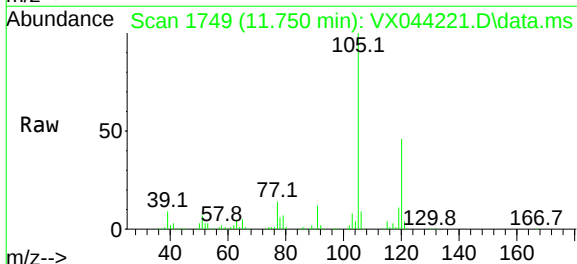
Acq: 11 Dec 2024 11:50

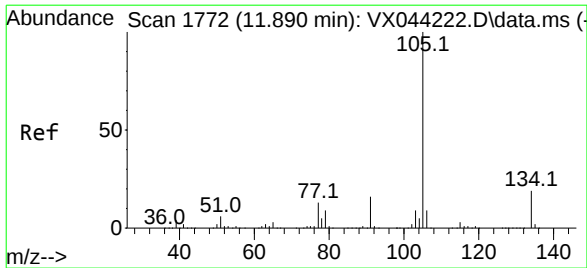
Tgt Ion:105 Resp: 125939

Ion Ratio Lower Upper

105 100

120 43.8 21.7 65.1





#85

sec-Butylbenzene

Concen: 20.165 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 150795

Ion Ratio Lower Upper

105 100

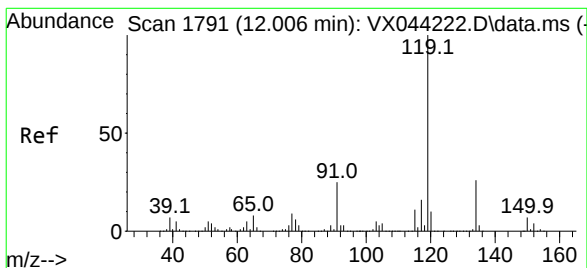
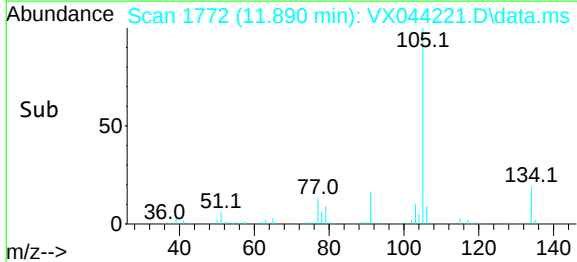
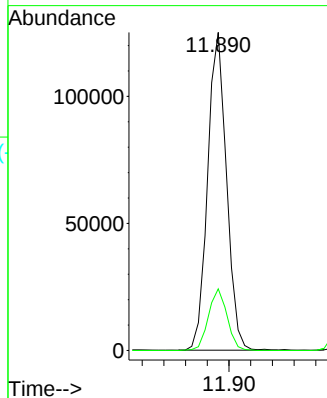
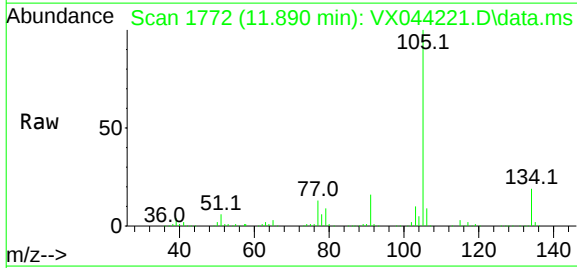
134 19.2 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#86

p-Isopropyltoluene

Concen: 20.532 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

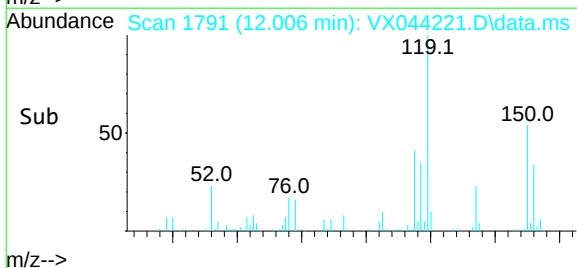
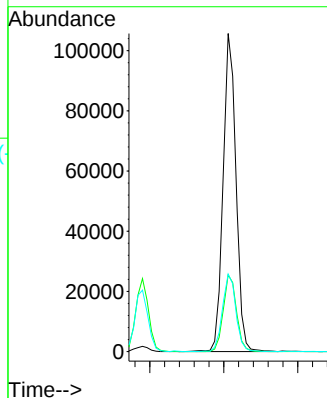
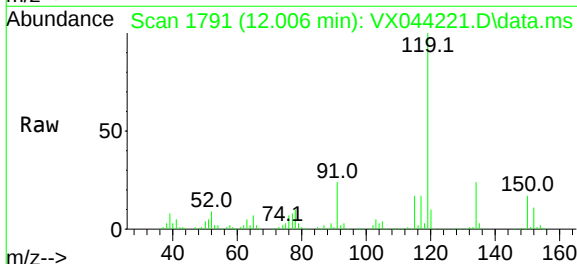
Tgt Ion:119 Resp: 127790

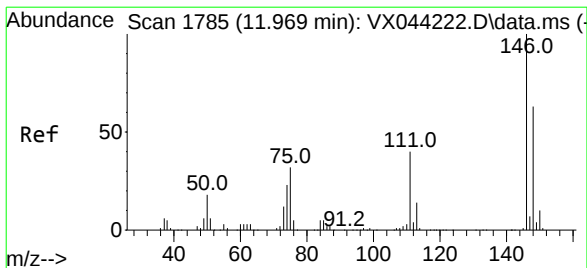
Ion Ratio Lower Upper

119 100

134 24.6 12.8 38.4

91 25.4 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 20.228 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

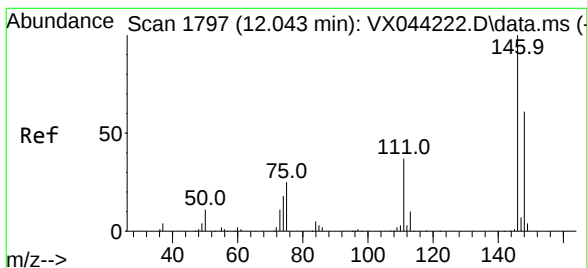
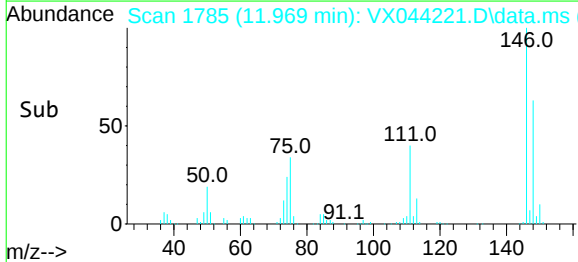
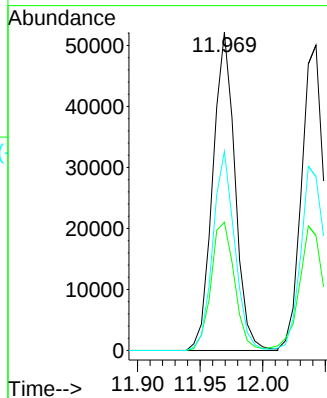
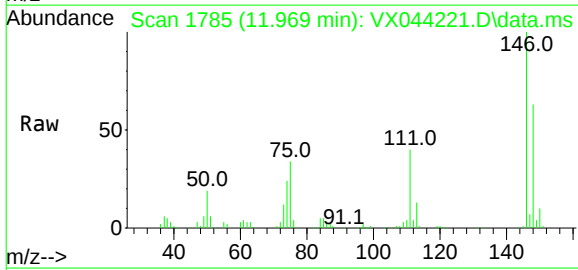
Tgt Ion:	146	Resp:	64399
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.4	64.2
148	61.4	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#88

1,4-Dichlorobenzene

Concen: 19.588 ug/l

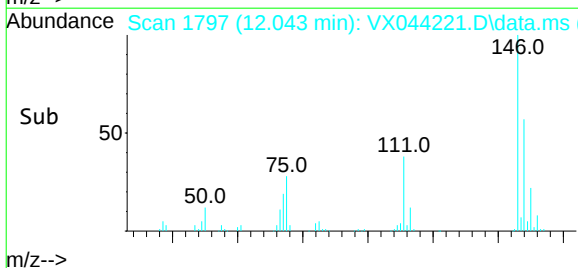
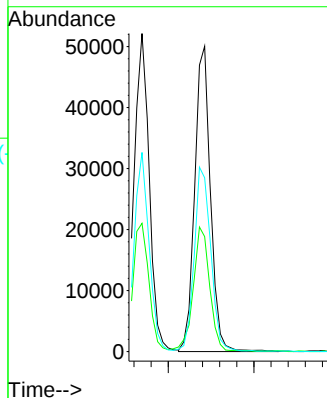
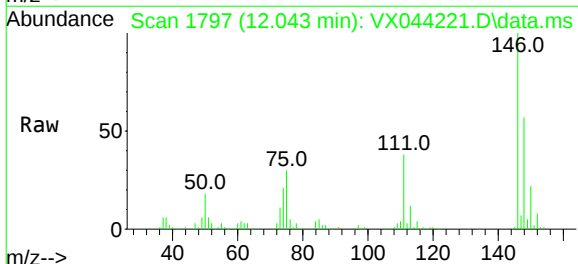
RT: 12.043 min Scan# 1797

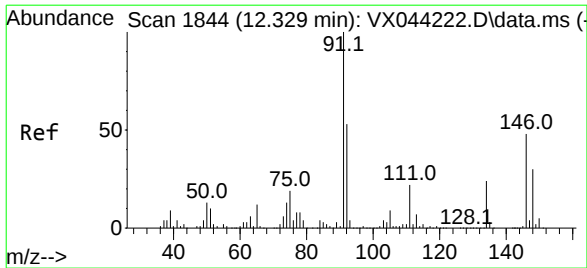
Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Tgt Ion:	146	Resp:	64106
Ion Ratio	Lower	Upper	
146	100		
111	42.7	21.0	63.0
148	63.2	32.3	96.8





#89

n-Butylbenzene

Concen: 19.950 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

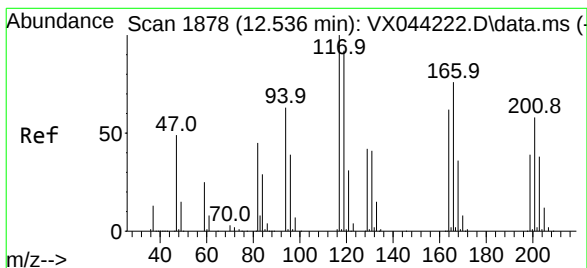
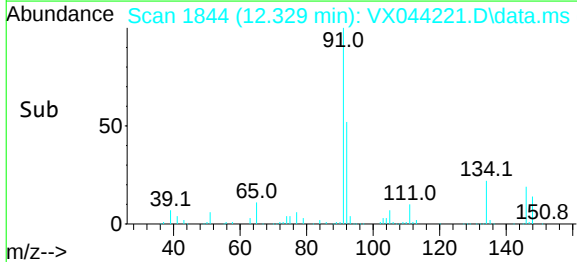
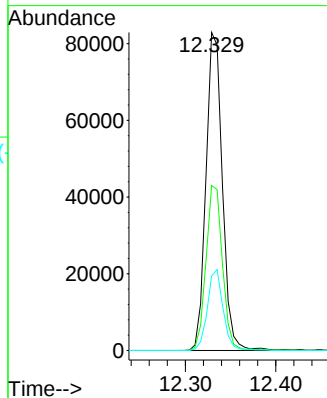
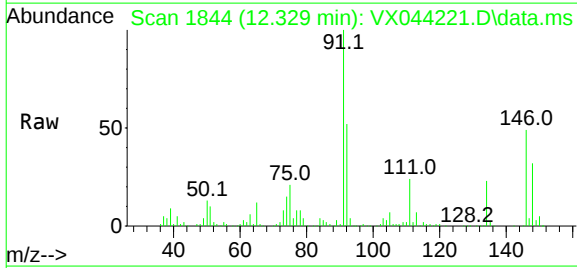
Tgt Ion:	91	Resp:	104410
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.6	79.7
134	24.4	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#90

Hexachloroethane

Concen: 17.543 ug/l

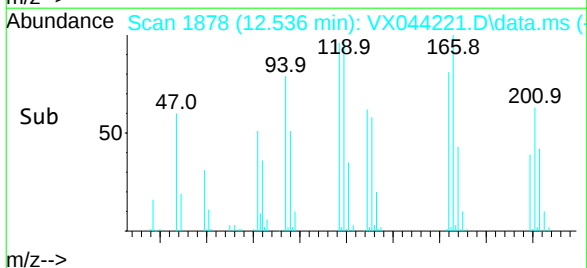
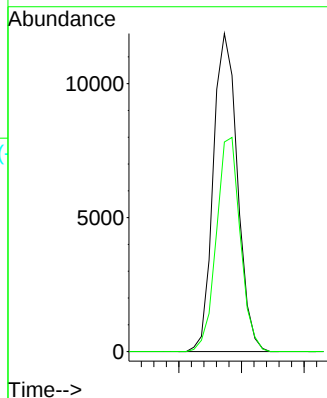
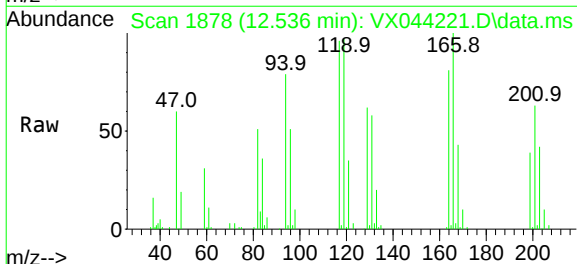
RT: 12.536 min Scan# 1878

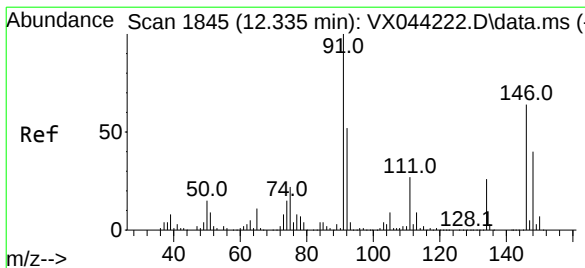
Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Tgt Ion:	117	Resp:	15939
Ion	Ratio	Lower	Upper
117	100		
201	66.8	31.4	94.2





#91

1,2-Dichlorobenzene

Concen: 19.817 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

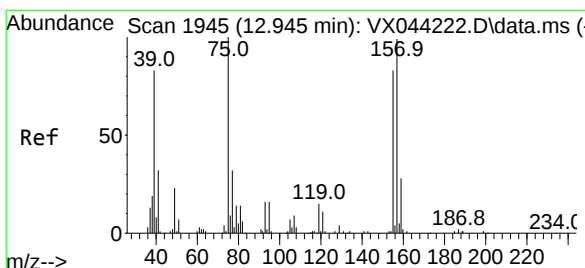
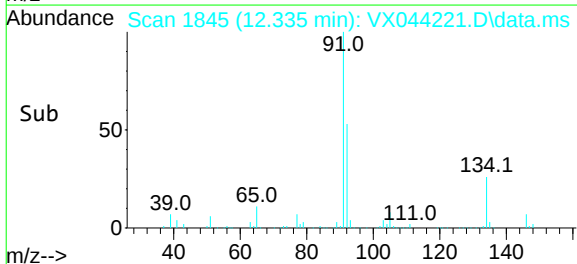
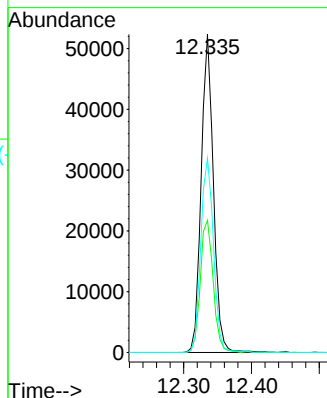
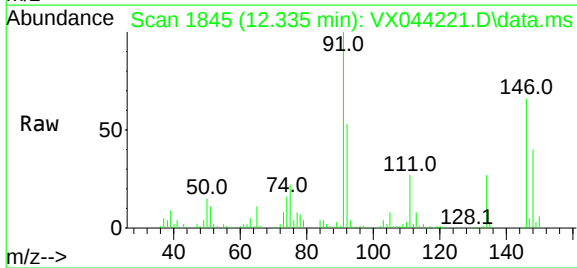
Tgt Ion:	146	Resp:	65511
Ion Ratio	Lower	Upper	
146	100		
111	43.8	21.4	64.3
148	63.5	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.683 ug/l

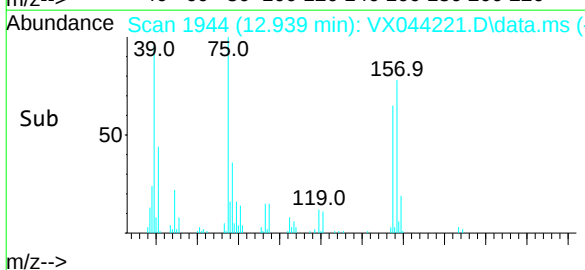
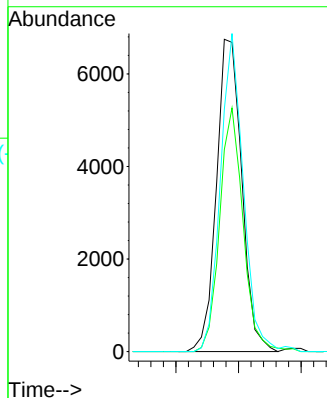
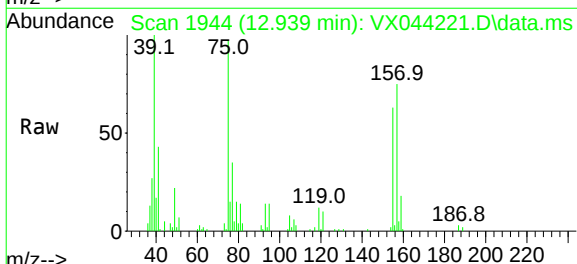
RT: 12.939 min Scan# 1944

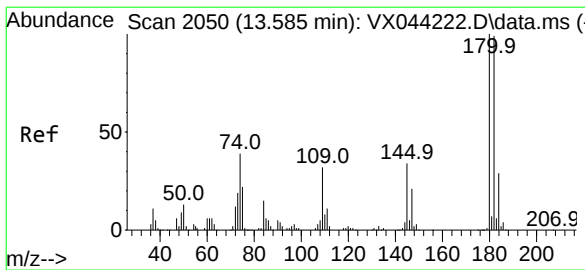
Delta R.T. -0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Tgt Ion:	75	Resp:	9468
Ion Ratio	Lower	Upper	
75	100		
155	72.1	38.1	114.3
157	92.2	47.2	141.6





#93

1,2,4-Trichlorobenzene

Concen: 19.313 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

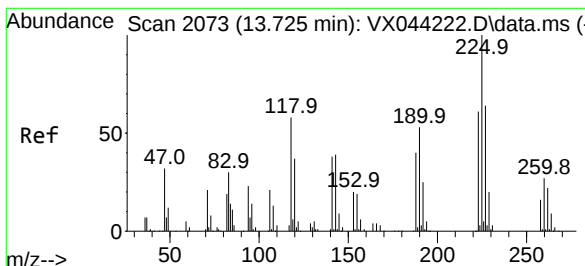
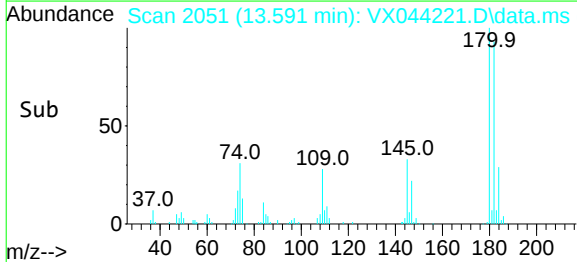
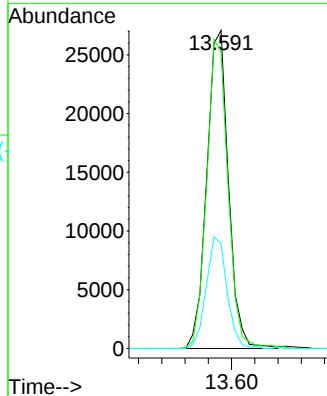
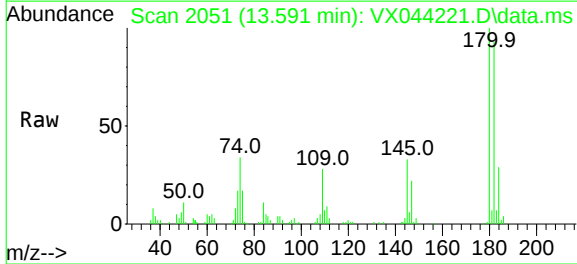
Tgt Ion:	180	Resp:	35001
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.0	144.2
145	33.9	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#94

Hexachlorobutadiene

Concen: 19.774 ug/l

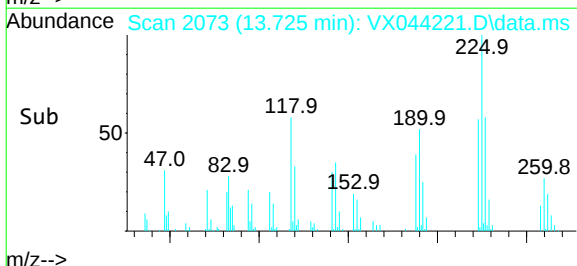
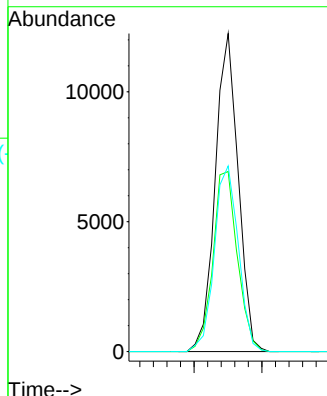
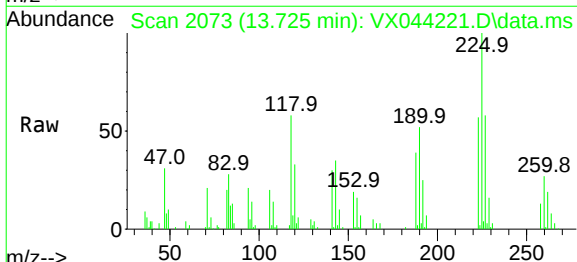
RT: 13.725 min Scan# 2073

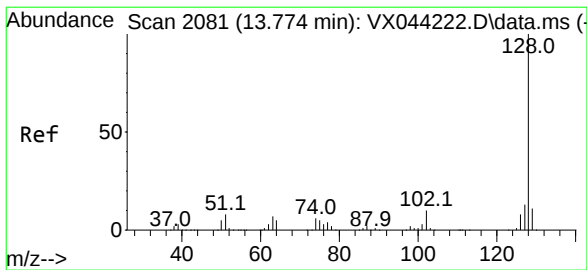
Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Tgt Ion:	225	Resp:	14415
Ion Ratio	Lower	Upper	
225	100		
223	60.5	30.8	92.4
227	60.9	32.1	96.3





#95

Naphthalene

Concen: 20.146 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

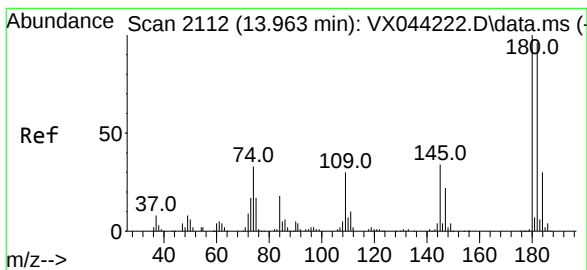
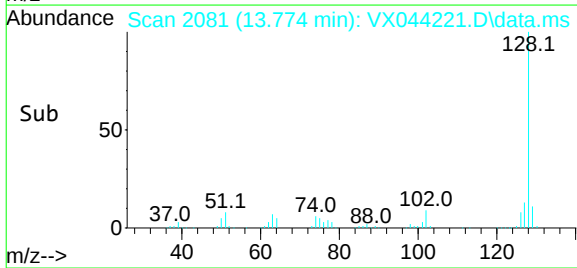
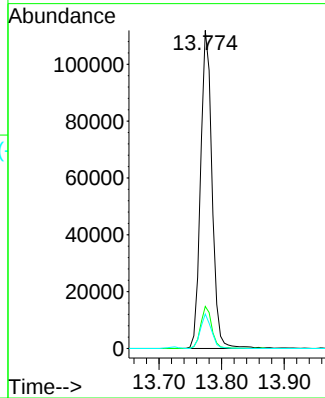
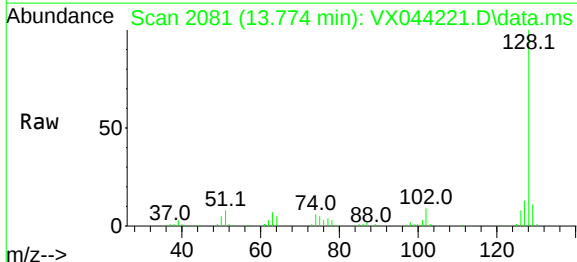
Tgt Ion:	128	Resp:	142515
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.4	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#96

1,2,3-Trichlorobenzene

Concen: 20.101 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Tgt Ion:	180	Resp:	38639
Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.0
145	34.3	17.7	53.1

