

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021425\
 Data File : VY021211.D
 Acq On : 14 Feb 2025 16:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 14 22:21:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	120933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	191359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	171505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	88192	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	61923	49.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.960%
35) Dibromofluoromethane	7.640	113	59385	48.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.840%
50) Toluene-d8	10.115	98	226199	48.449	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.900%
62) 4-Bromofluorobenzene	12.414	95	77982	51.126	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	47950	44.487	ug/l	98
3) Chloromethane	2.074	50	51850	48.750	ug/l	96
4) Vinyl Chloride	2.214	62	51618	48.217	ug/l	99
5) Bromomethane	2.604	94	31448	47.529	ug/l	100
6) Chloroethane	2.745	64	31762	49.841	ug/l	97
7) Trichlorofluoromethane	3.068	101	86668	44.437	ug/l	99
8) Diethyl Ether	3.464	74	28446	46.721	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.830	101	56025	45.769	ug/l	96
10) Methyl Iodide	4.019	142	62734	46.131	ug/l	91
11) Tert butyl alcohol	4.866	59	16636	198.130	ug/l	96
12) 1,1-Dichloroethene	3.799	96	52755	45.752	ug/l	93
13) Acrolein	3.659	56	17761	137.366	ug/l	98
14) Allyl chloride	4.397	41	96603	49.710	ug/l	93
15) Acrylonitrile	5.067	53	62533	246.641	ug/l	99
16) Acetone	3.879	43	45888	237.481	ug/l	97
17) Carbon Disulfide	4.116	76	156765	43.357	ug/l	99
18) Methyl Acetate	4.397	43	33756	49.765	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	138228	47.429	ug/l	99
20) Methylene Chloride	4.628	84	58403	48.620	ug/l	88
21) trans-1,2-Dichloroethene	5.128	96	60573	47.724	ug/l	95
22) Diisopropyl ether	6.031	45	206792	51.626	ug/l	97
23) Vinyl Acetate	5.970	43	549633	246.144	ug/l	98
24) 1,1-Dichloroethane	5.927	63	117129	49.909	ug/l	99
25) 2-Butanone	6.902	43	74508	234.652	ug/l	95
26) 2,2-Dichloropropane	6.896	77	96560	44.467	ug/l	98
27) cis-1,2-Dichloroethene	6.909	96	71984	49.272	ug/l	95
28) Bromochloromethane	7.256	49	48786	52.571	ug/l	98
29) Tetrahydrofuran	7.274	42	51594	240.130	ug/l	93
30) Chloroform	7.433	83	120287	49.900	ug/l	100
31) Cyclohexane	7.713	56	92394	43.719	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	109459	48.840	ug/l	100
36) 1,1-Dichloropropene	7.847	75	82540	45.440	ug/l	99
37) Ethyl Acetate	7.000	43	36073	45.269	ug/l	98
38) Carbon Tetrachloride	7.829	117	99311	46.791	ug/l	99
39) Methylcyclohexane	9.115	83	99600	44.827	ug/l	98
40) Benzene	8.091	78	256499	48.118	ug/l	98

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 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	20686	44.871	ug/l	93
42) 1,2-Dichloroethane	8.164	62	70647	47.776	ug/l	98
43) Isopropyl Acetate	8.207	43	73500	46.420	ug/l #	86
44) Trichloroethene	8.872	130	62753	45.565	ug/l	95
45) 1,2-Dichloropropane	9.152	63	61920	48.940	ug/l	99
46) Dibromomethane	9.237	93	33454	47.755	ug/l	97
47) Bromodichloromethane	9.432	83	91936	48.934	ug/l	97
48) Methyl methacrylate	9.225	41	34552	47.906	ug/l	93
49) 1,4-Dioxane	9.237	88	6688	1025.546	ug/l	91
51) 4-Methyl-2-Pentanone	10.006	43	187115	235.001	ug/l	94
52) Toluene	10.176	92	161767	48.330	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	79460	47.102	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	95819	47.971	ug/l #	91
55) 1,1,2-Trichloroethane	10.579	97	43922	48.418	ug/l	98
56) Ethyl methacrylate	10.444	69	57467	47.354	ug/l	90
57) 1,3-Dichloropropane	10.725	76	75265	47.935	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	140685	243.677	ug/l	98
59) 2-Hexanone	10.768	43	122770	239.476	ug/l	94
60) Dibromochloromethane	10.920	129	60429	47.435	ug/l	99
61) 1,2-Dibromoethane	11.024	107	39670	46.687	ug/l	99
64) Tetrachloroethene	10.652	164	55165	43.329	ug/l	98
65) Chlorobenzene	11.450	112	175913	46.064	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	63489	46.782	ug/l	97
67) Ethyl Benzene	11.524	91	317120	46.949	ug/l	98
68) m/p-Xylenes	11.633	106	235552	93.219	ug/l	96
69) o-Xylene	11.962	106	112067	47.569	ug/l	98
70) Styrene	11.975	104	190725	48.574	ug/l	98
71) Bromoform	12.139	173	34600	45.804	ug/l #	98
73) Isopropylbenzene	12.261	105	301768	43.804	ug/l	100
74) N-amyl acetate	12.078	43	65464	43.465	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.511	83	48509	42.339	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	37701m	47.126	ug/l	
77) Bromobenzene	12.542	156	69070	43.447	ug/l	93
78) n-propylbenzene	12.603	91	363893	44.342	ug/l	99
79) 2-Chlorotoluene	12.688	91	208043	44.263	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	249242	44.624	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	15813	40.332	ug/l	95
82) 4-Chlorotoluene	12.786	91	209441	43.735	ug/l	100
83) tert-Butylbenzene	13.005	119	224152	44.152	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	248852	45.567	ug/l	99
85) sec-Butylbenzene	13.182	105	322375	44.112	ug/l	98
86) p-Isopropyltoluene	13.298	119	273079	44.984	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	135081	44.006	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	132389	43.803	ug/l	99
89) n-Butylbenzene	13.627	91	251987	45.501	ug/l	99
90) Hexachloroethane	13.889	117	57464	45.375	ug/l	87
91) 1,2-Dichlorobenzene	13.669	146	118197	44.364	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	7153	41.778	ug/l	99
93) 1,2,4-Trichlorobenzene	14.931	180	69173	46.644	ug/l	99
94) Hexachlorobutadiene	15.035	225	46059	46.868	ug/l	98
95) Naphthalene	15.151	128	113047	47.647	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	59613	48.303	ug/l	99

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Instrument :
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ClientSampleId :
VSTDCCC050EC

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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

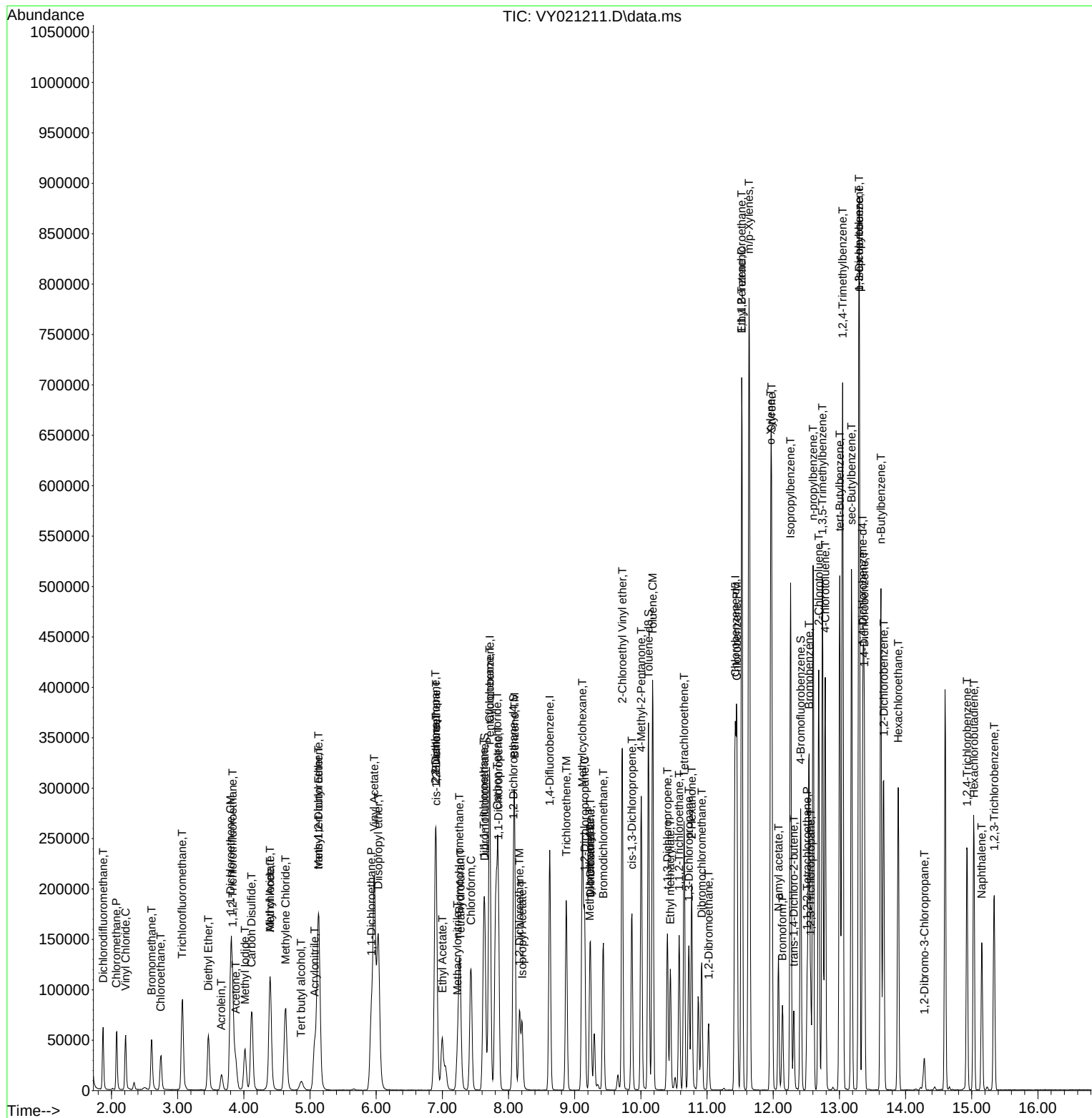
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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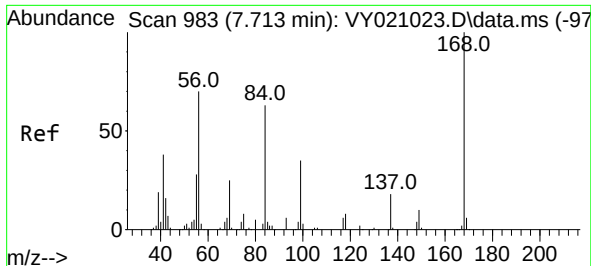
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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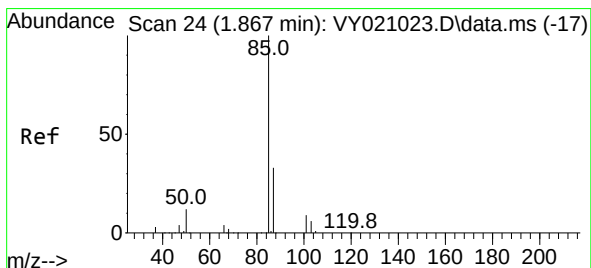
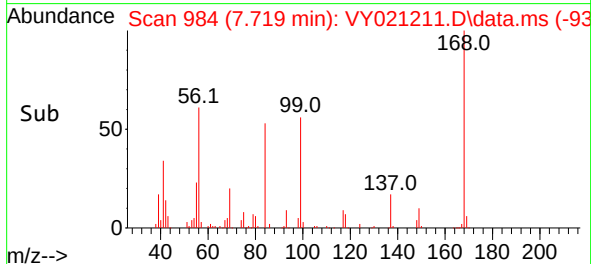
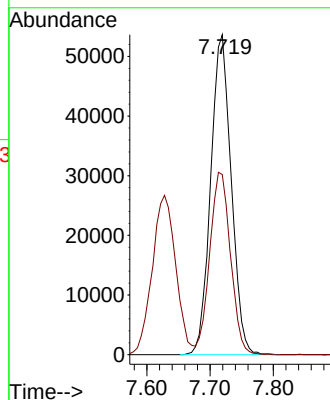
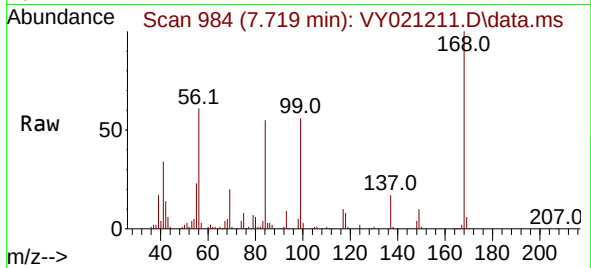




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

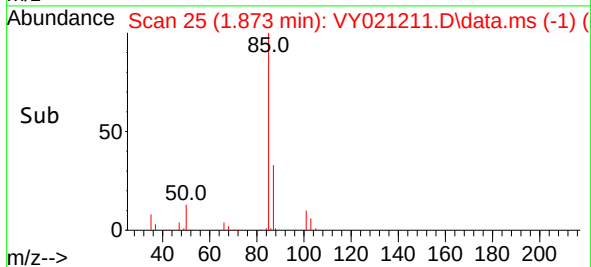
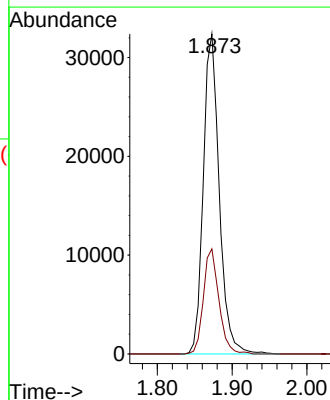
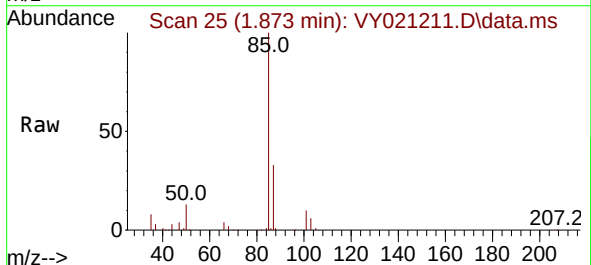
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

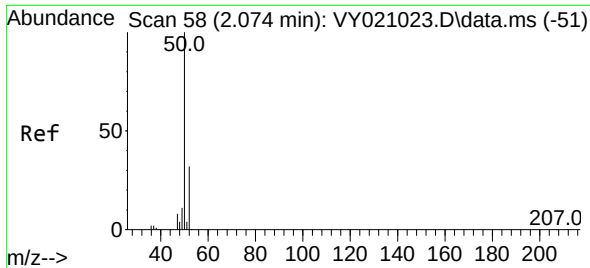
Tgt Ion:168 Resp: 120933
Ion Ratio Lower Upper
168 100
99 56.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 44.487 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 85 Resp: 47950
Ion Ratio Lower Upper
85 100
87 32.9 17.1 51.3

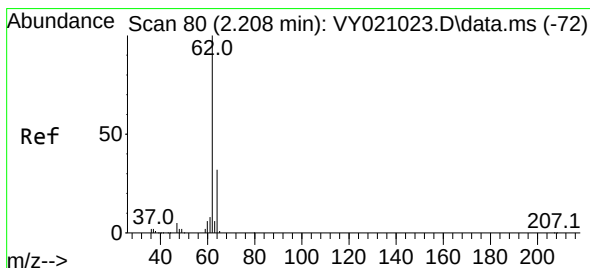
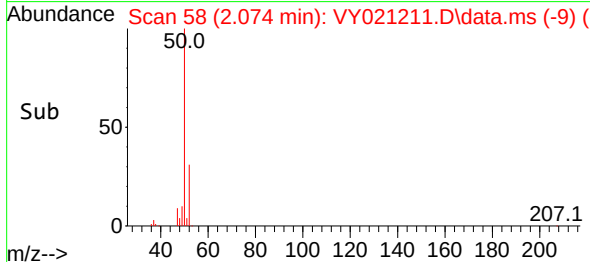
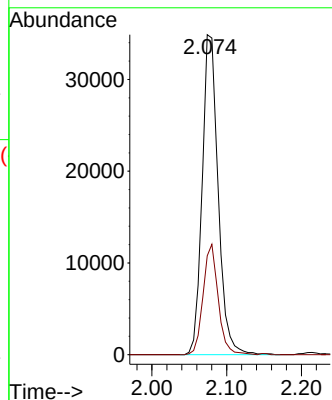
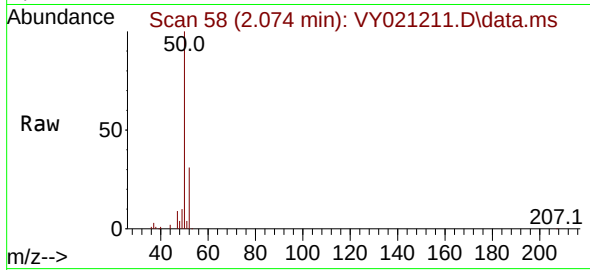




#3
Chloromethane
Concen: 48.750 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

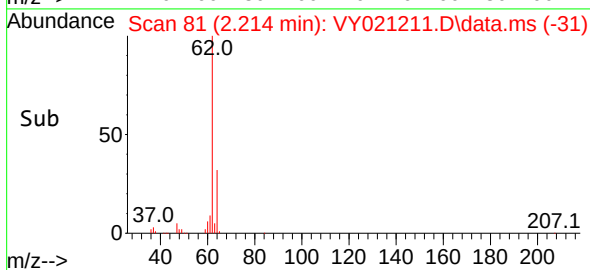
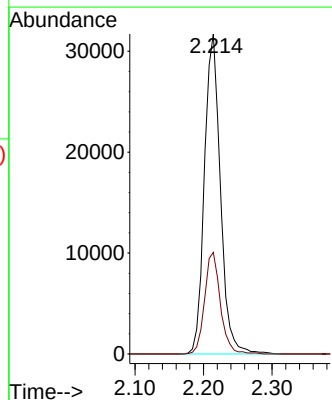
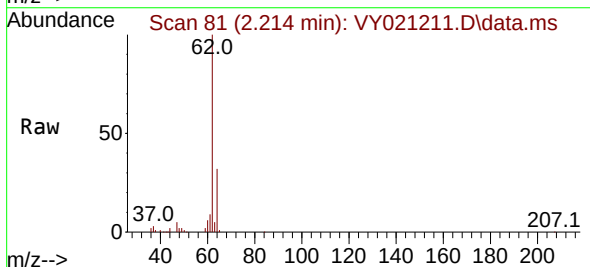
Instrument :
MSVOA_Y
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VSTDCCC050EC

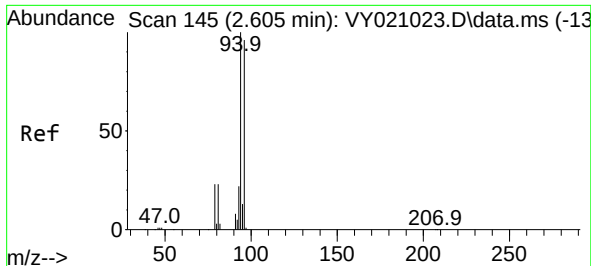
Tgt Ion: 50 Resp: 51850
Ion Ratio Lower Upper
50 100
52 30.9 26.7 40.1



#4
Vinyl Chloride
Concen: 48.217 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 62 Resp: 51618
Ion Ratio Lower Upper
62 100
64 31.7 25.7 38.5

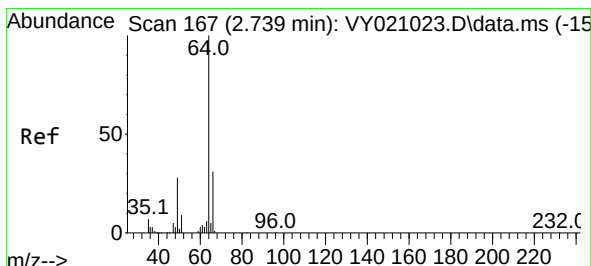
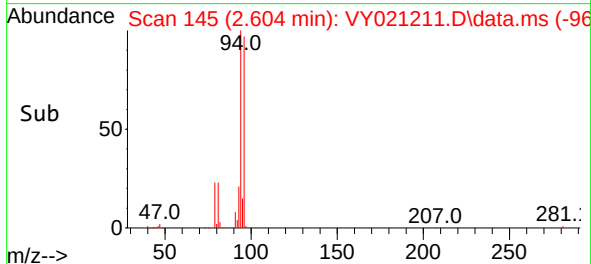
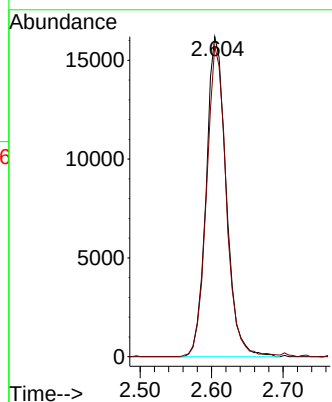
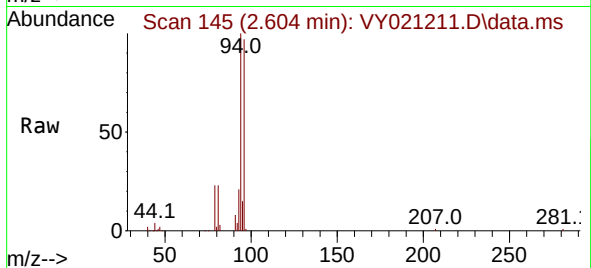




#5
Bromomethane
Concen: 47.529 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

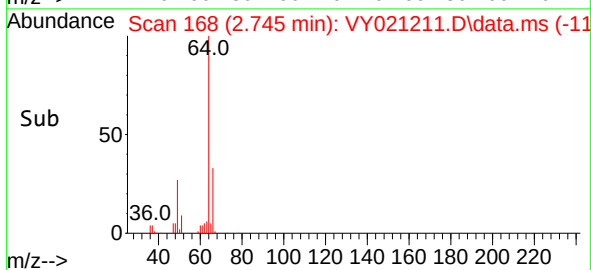
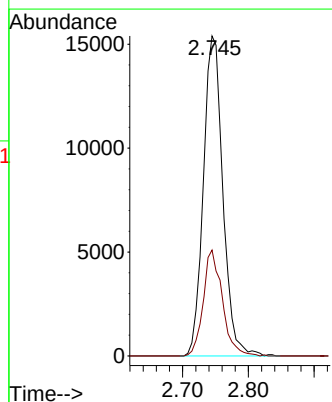
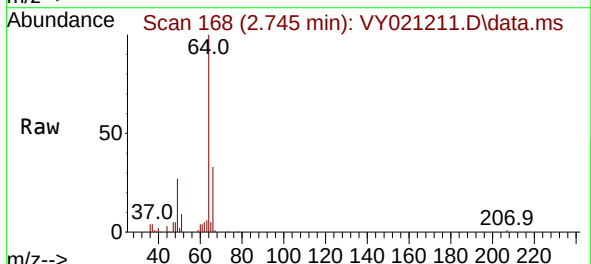
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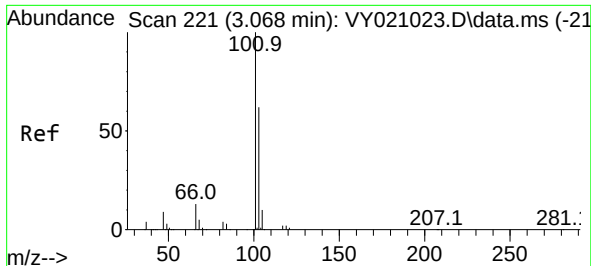
Tgt Ion: 94 Resp: 31448
Ion Ratio Lower Upper
94 100
96 97.1 77.3 115.9



#6
Chloroethane
Concen: 49.841 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 64 Resp: 31762
Ion Ratio Lower Upper
64 100
66 33.1 25.1 37.7

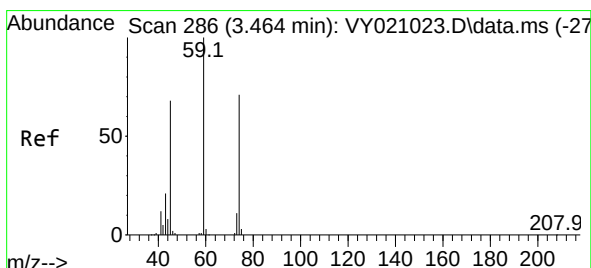
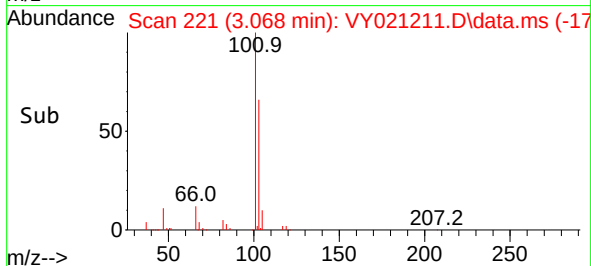
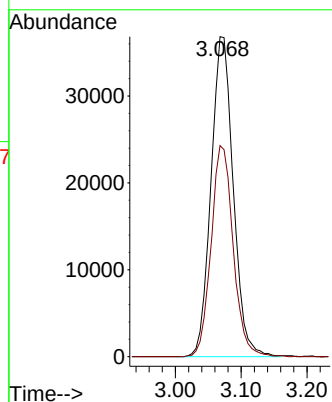
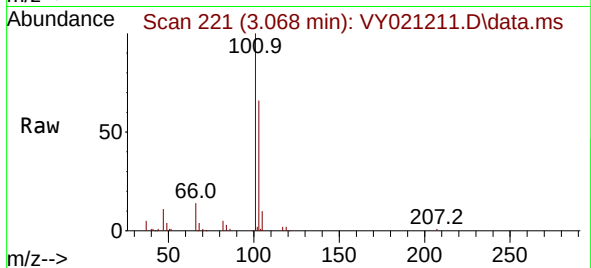




#7
 Trichlorofluoromethane
 Concen: 44.437 ug/l
 RT: 3.068 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VY021211.D
 Acq: 14 Feb 2025 16:17

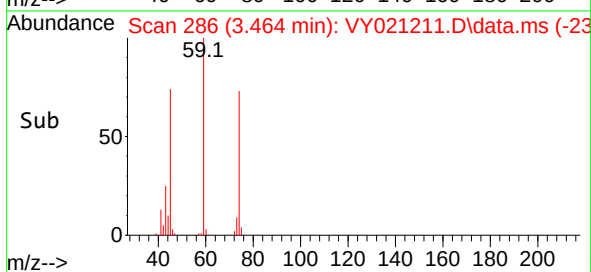
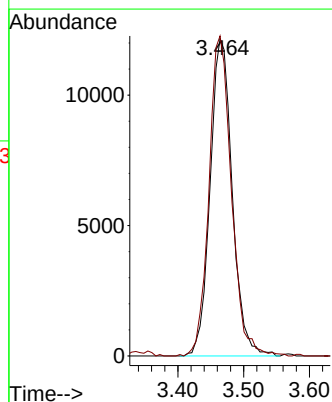
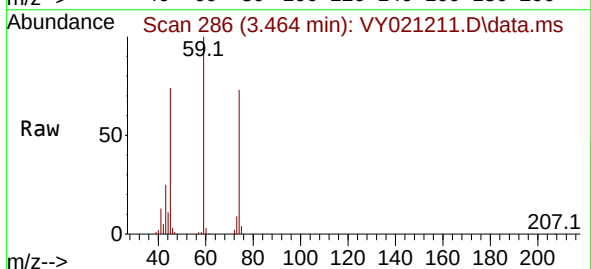
Instrument :
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 VSTDCCC050EC

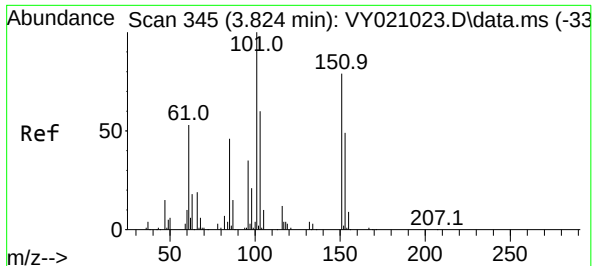
Tgt Ion:101 Resp: 86668
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.9 77.9



#8
 Diethyl Ether
 Concen: 46.721 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. -0.000 min
 Lab File: VY021211.D
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Tgt Ion: 74 Resp: 28446
 Ion Ratio Lower Upper
 74 100
 45 102.5 47.9 143.7

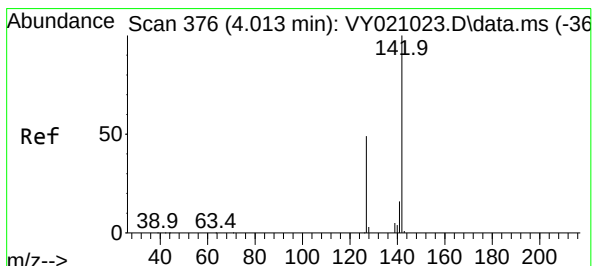
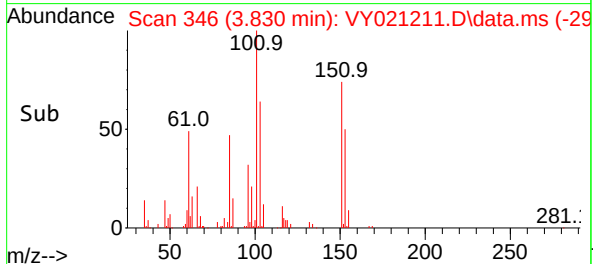
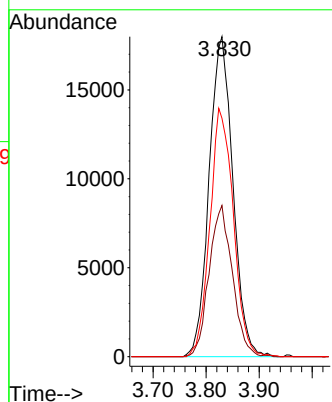
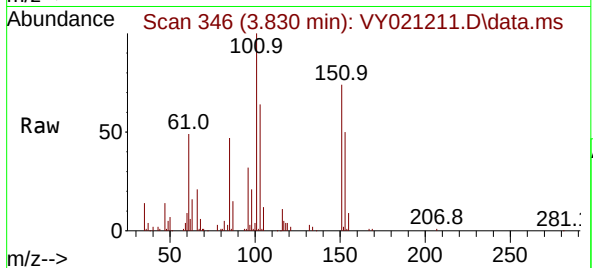




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.769 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

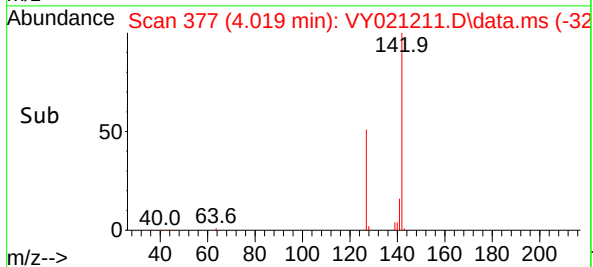
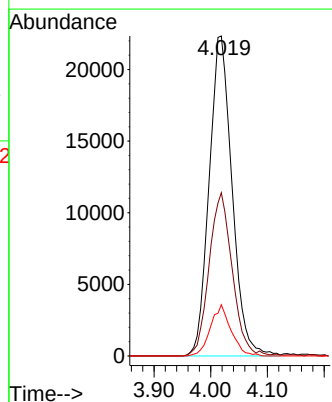
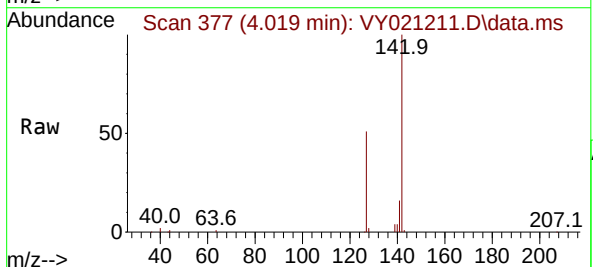
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

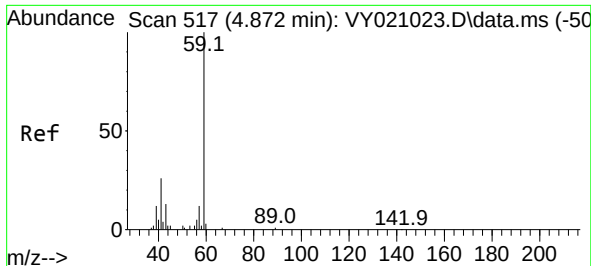
Tgt Ion:101 Resp: 56025
Ion Ratio Lower Upper
101 100
85 46.4 35.8 53.6
151 76.8 58.6 88.0



#10
Methyl Iodide
Concen: 46.131 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion:142 Resp: 62734
Ion Ratio Lower Upper
142 100
127 51.4 35.1 52.7
141 14.3 11.8 17.6

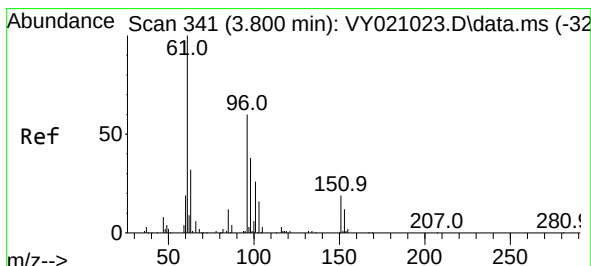
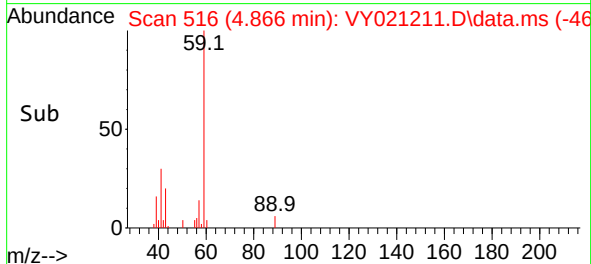
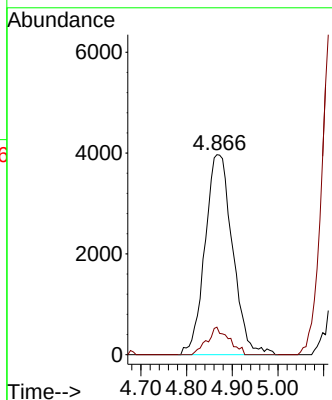
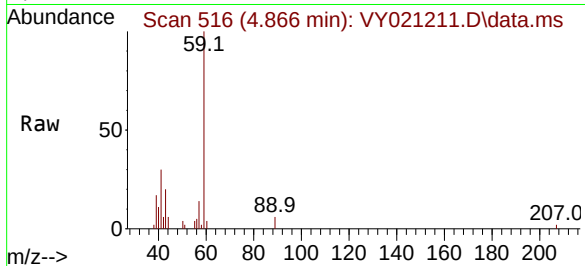




#11
Tert butyl alcohol
Concen: 198.130 ug/l
RT: 4.866 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

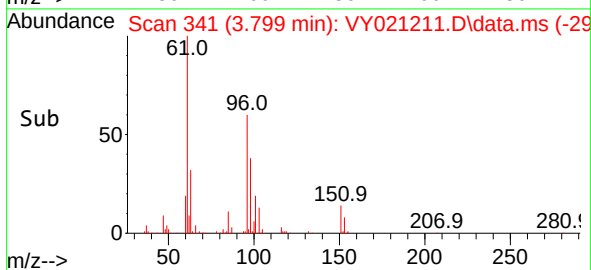
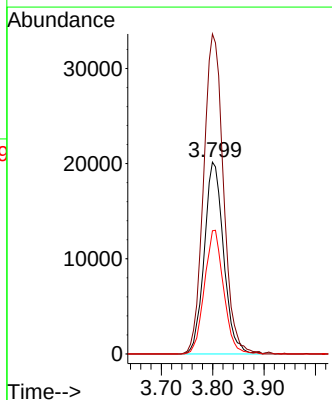
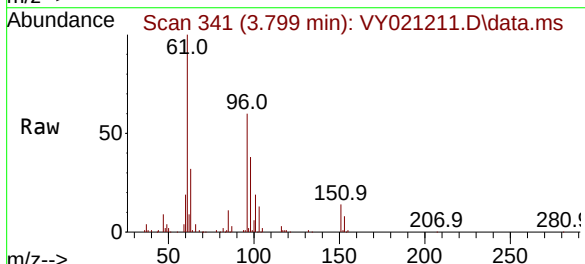
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

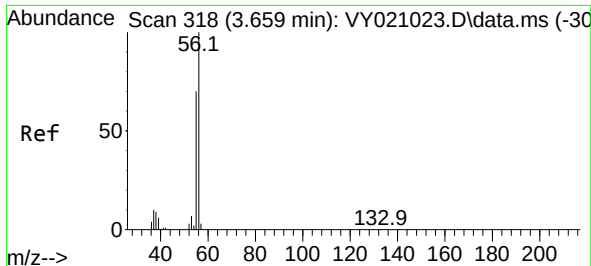
Tgt Ion: 59 Resp: 16636
Ion Ratio Lower Upper
59 100
57 10.8 7.4 11.0



#12
1,1-Dichloroethene
Concen: 45.752 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 96 Resp: 52755
Ion Ratio Lower Upper
96 100
61 166.9 124.2 186.2
98 64.2 52.6 79.0

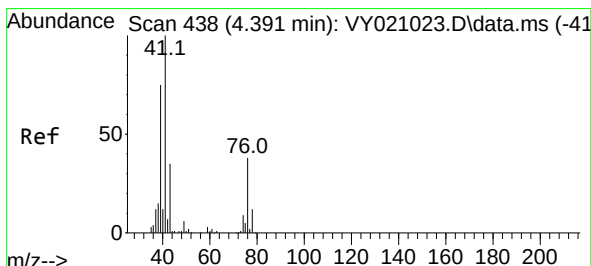
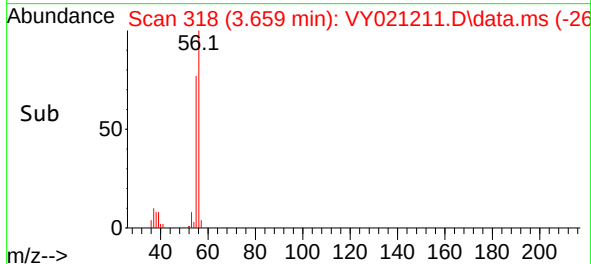
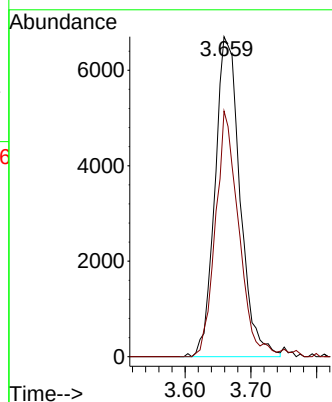
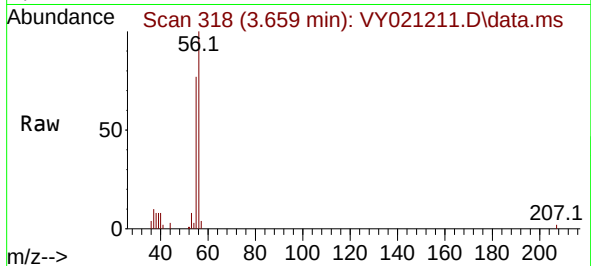




#13
Acrolein
Concen: 137.366 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

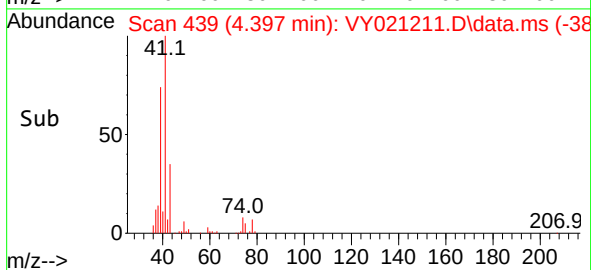
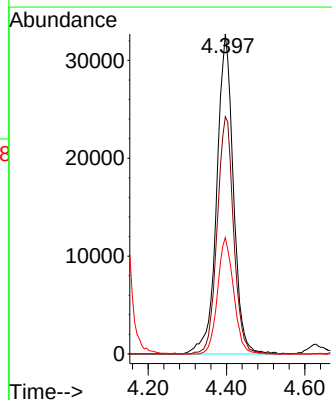
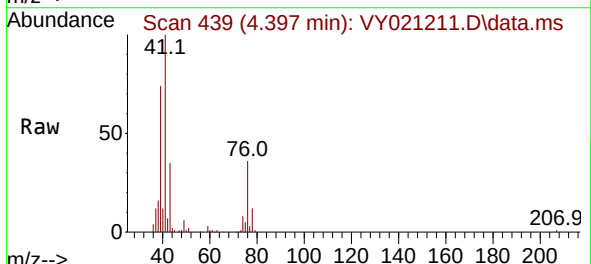
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

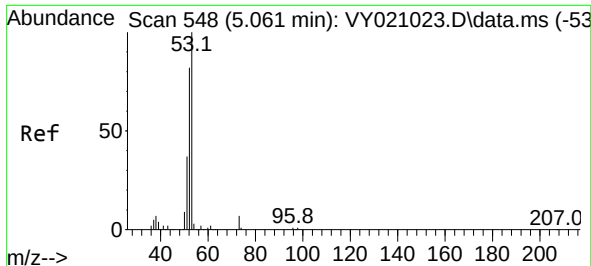
Tgt Ion: 56 Resp: 17761
Ion Ratio Lower Upper
56 100
55 71.2 55.4 83.0



#14
Allyl chloride
Concen: 49.710 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 41 Resp: 96603
Ion Ratio Lower Upper
41 100
39 73.3 54.7 82.1
76 35.0 31.8 47.6

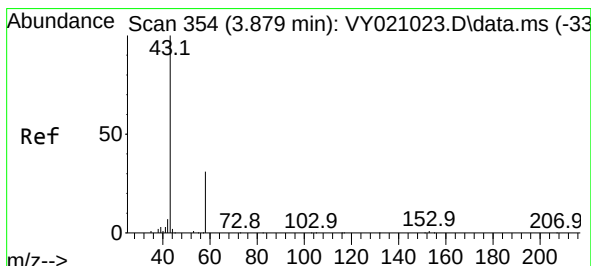
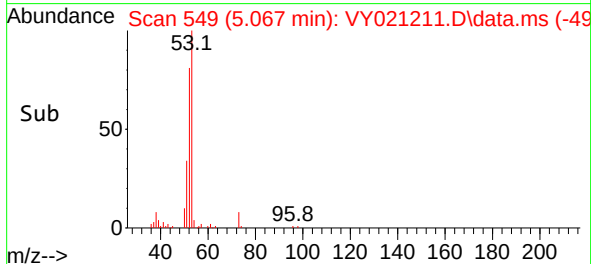
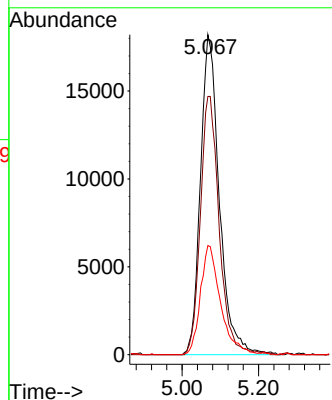
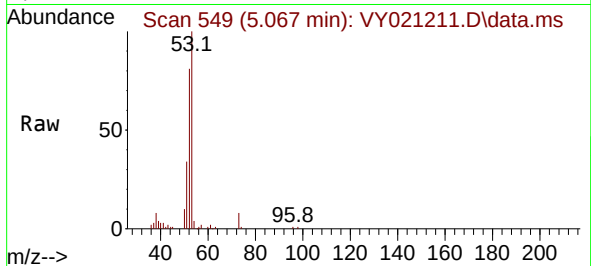




#15
Acrylonitrile
Concen: 246.641 ug/l
RT: 5.067 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

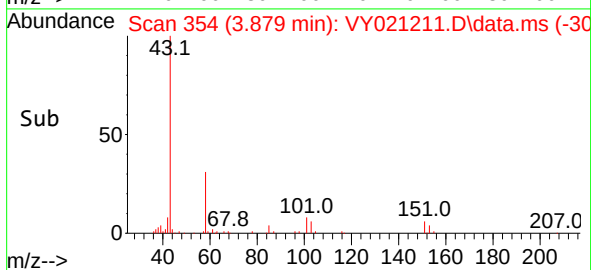
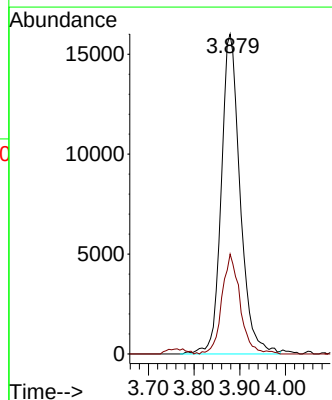
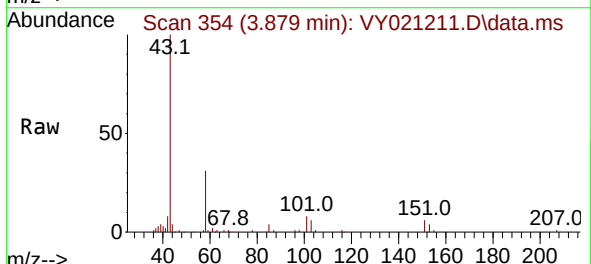
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

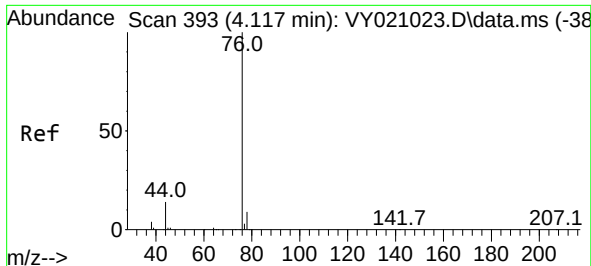
Tgt Ion: 53 Resp: 62533
Ion Ratio Lower Upper
53 100
52 80.0 65.1 97.7
51 36.2 29.0 43.4



#16
Acetone
Concen: 237.481 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 43 Resp: 45888
Ion Ratio Lower Upper
43 100
58 31.2 26.6 39.8

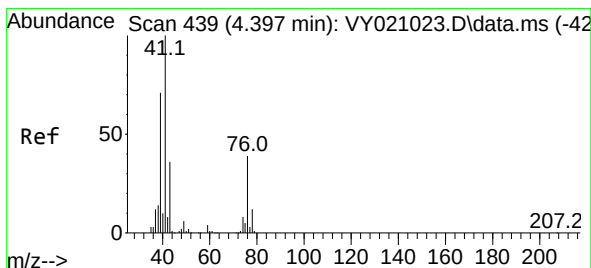
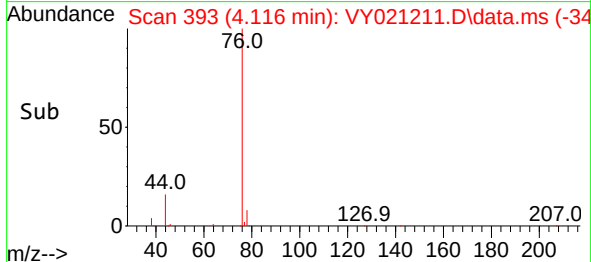
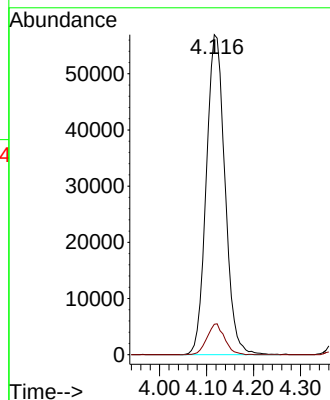
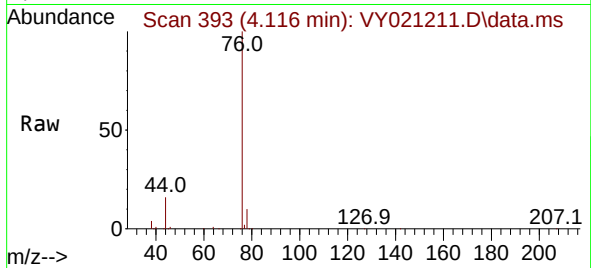




#17
Carbon Disulfide
Concen: 43.357 ug/l
RT: 4.116 min Scan# 393
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

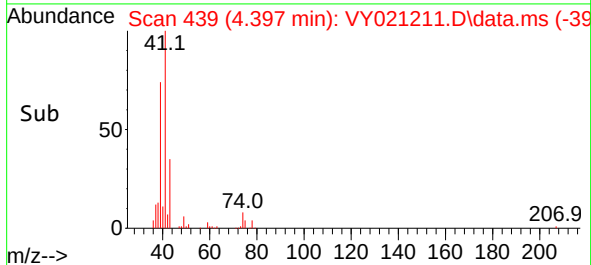
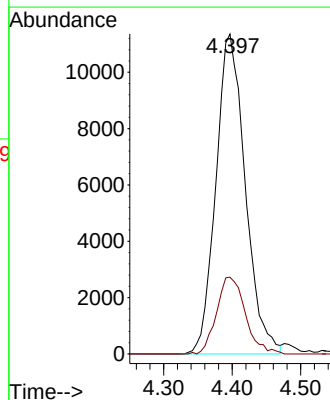
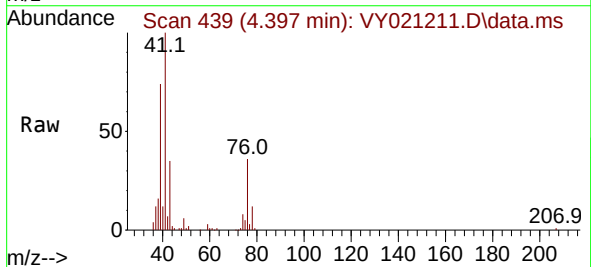
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

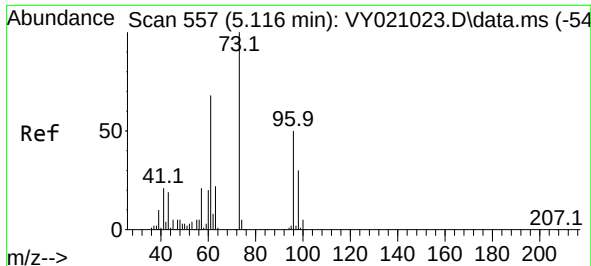
Tgt Ion: 76 Resp: 156765
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 49.765 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 43 Resp: 33756
Ion Ratio Lower Upper
43 100
74 23.5 19.8 29.6

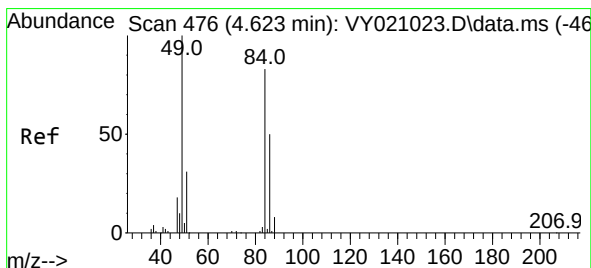
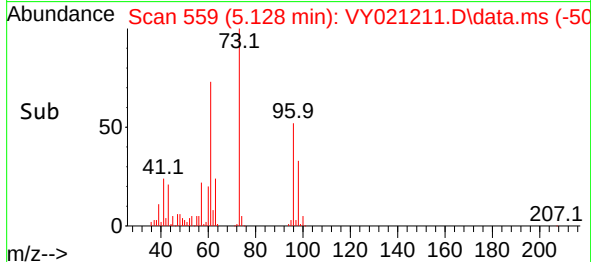
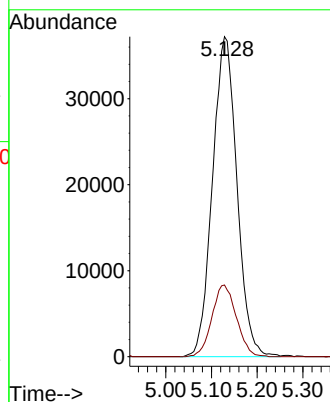
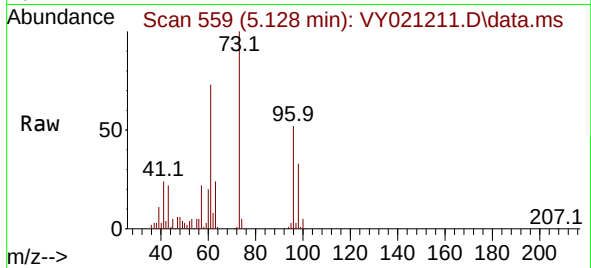




#19
Methyl tert-butyl Ether
Concen: 47.429 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

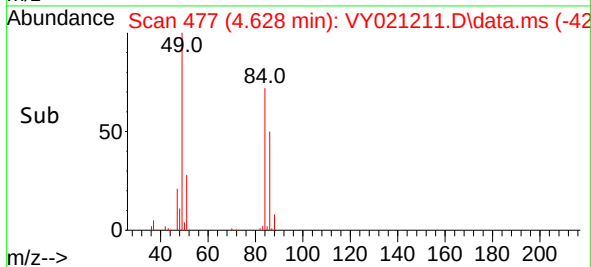
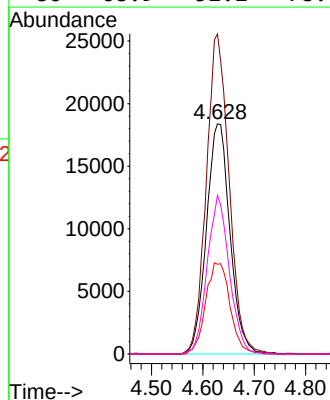
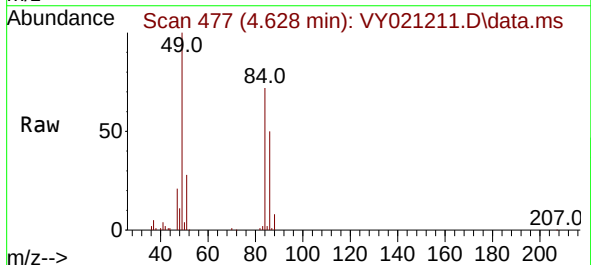
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

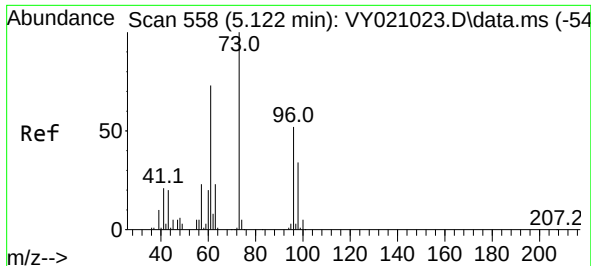
Tgt Ion: 73 Resp: 138228
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5



#20
Methylene Chloride
Concen: 48.620 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 84 Resp: 58403
Ion Ratio Lower Upper
84 100
49 139.1 95.2 142.8
51 39.0 29.9 44.9
86 68.9 52.2 78.4

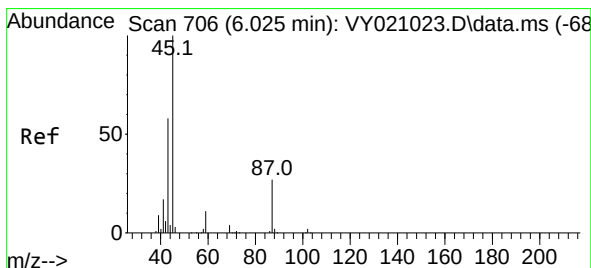
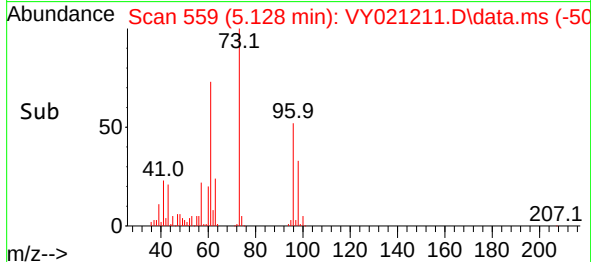
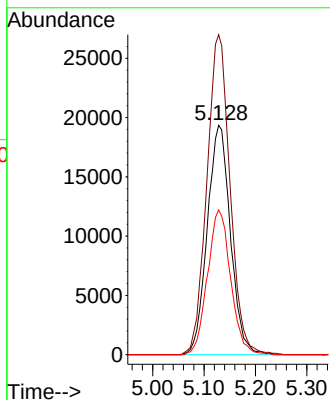
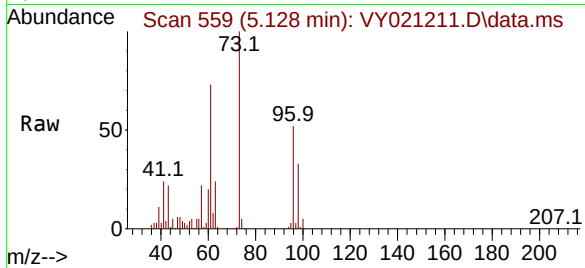




#21
trans-1,2-Dichloroethene
Concen: 47.724 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

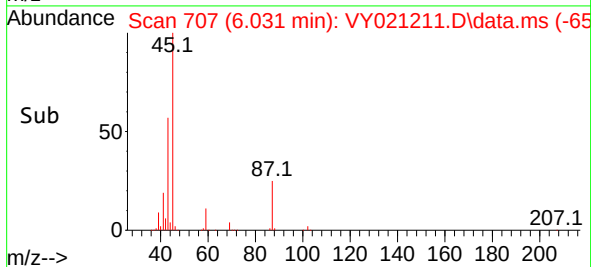
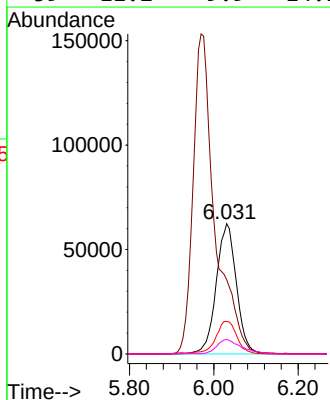
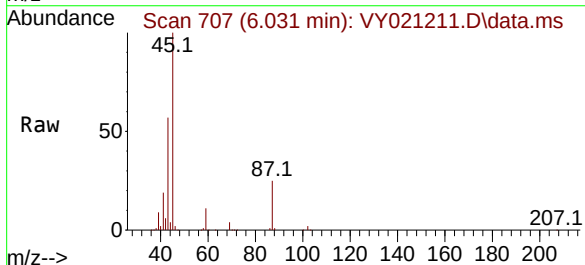
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

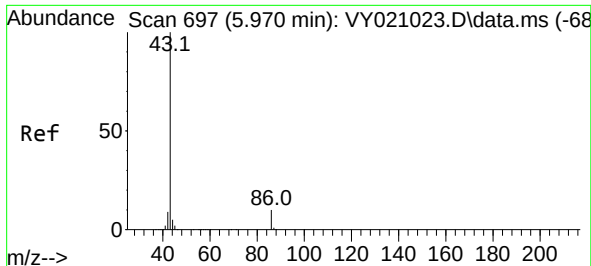
Tgt Ion: 96 Resp: 60573
Ion Ratio Lower Upper
96 100
61 139.5 104.6 156.8
98 63.1 50.9 76.3



#22
Diisopropyl ether
Concen: 51.626 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 45 Resp: 206792
Ion Ratio Lower Upper
45 100
43 56.7 46.8 70.2
87 25.1 22.2 33.2
59 11.2 9.9 14.9

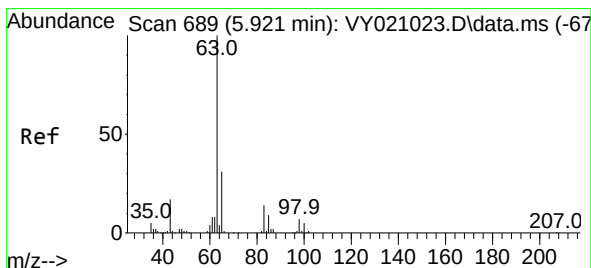
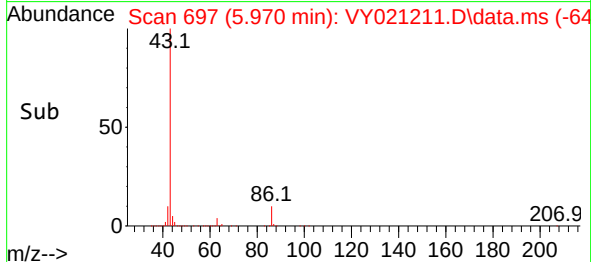
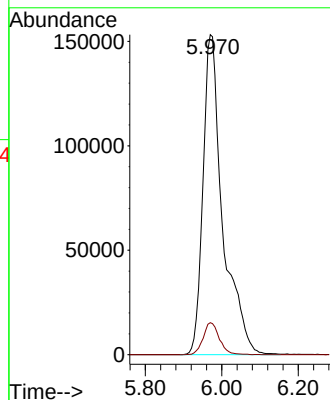
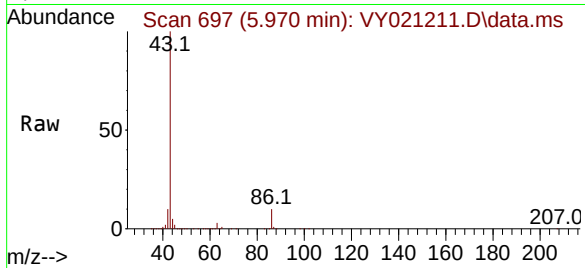




#23
 Vinyl Acetate
 Concen: 246.144 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY021211.D
 Acq: 14 Feb 2025 16:17

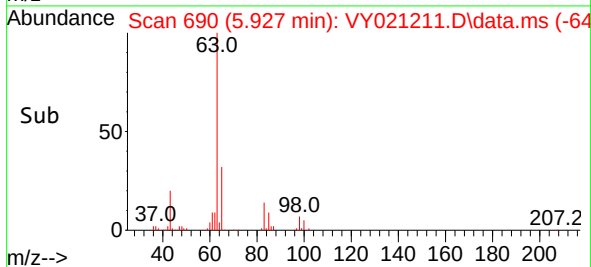
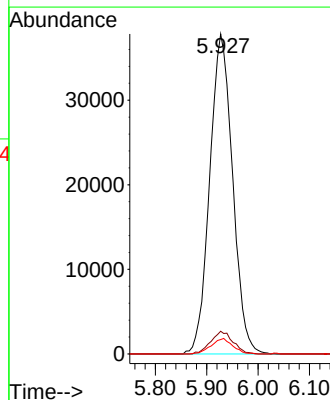
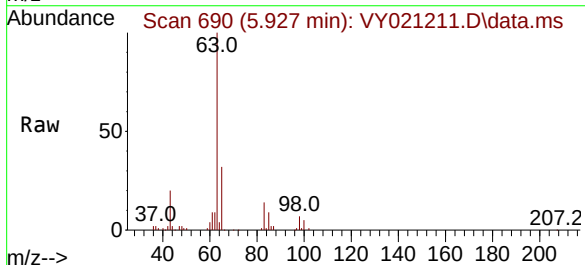
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

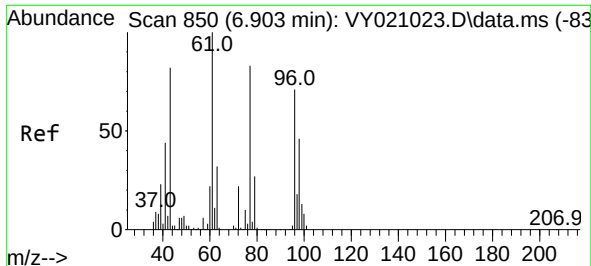
Tgt Ion: 43 Resp: 549633
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 49.909 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021211.D
 Acq: 14 Feb 2025 16:17

Tgt Ion: 63 Resp: 117129
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 4.5 2.1 6.2





#25

2-Butanone

Concen: 234.652 ug/l

RT: 6.902 min Scan# 81

Delta R.T. -0.000 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

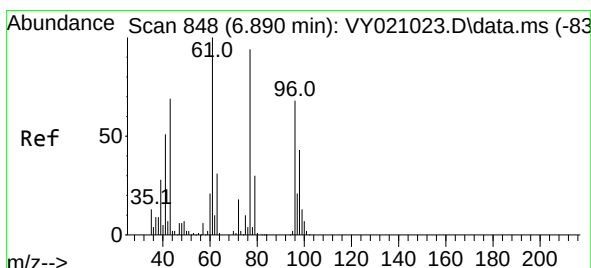
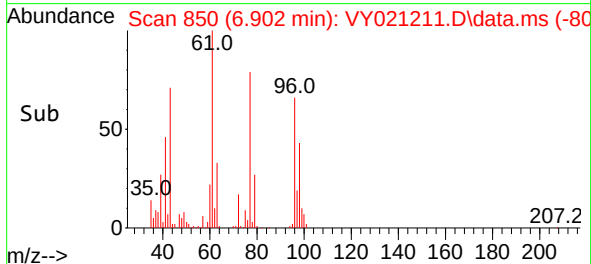
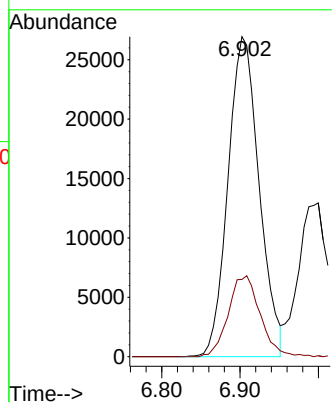
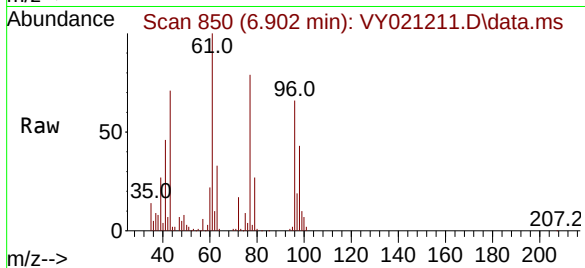
VSTDCCC050EC

Tgt Ion: 43 Resp: 74508

Ion Ratio Lower Upper

43 100

72 24.2 21.4 32.2



#26

2,2-Dichloropropane

Concen: 44.467 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021211.D

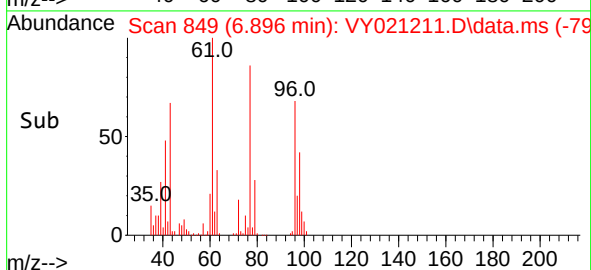
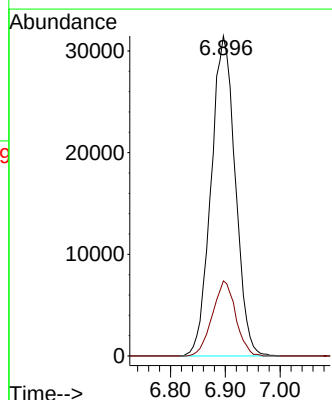
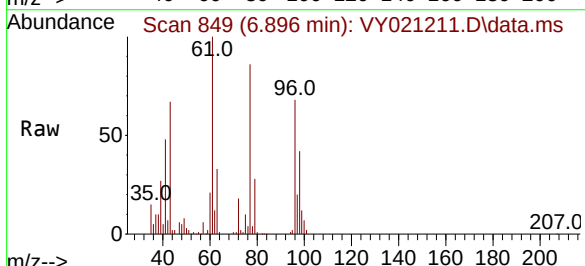
Acq: 14 Feb 2025 16:17

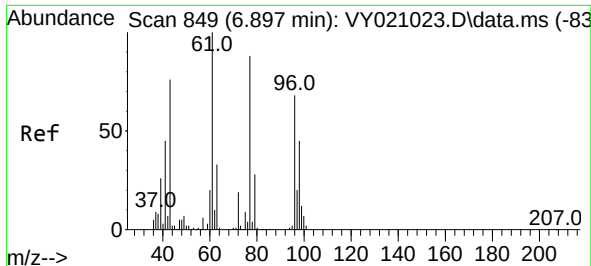
Tgt Ion: 77 Resp: 96560

Ion Ratio Lower Upper

77 100

97 22.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 49.272 ug/l

RT: 6.909 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

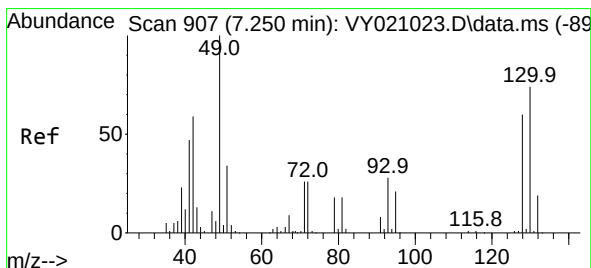
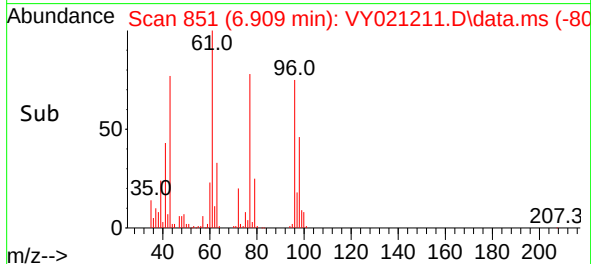
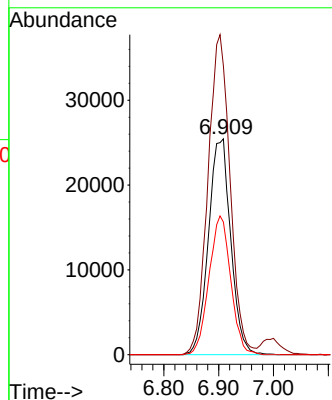
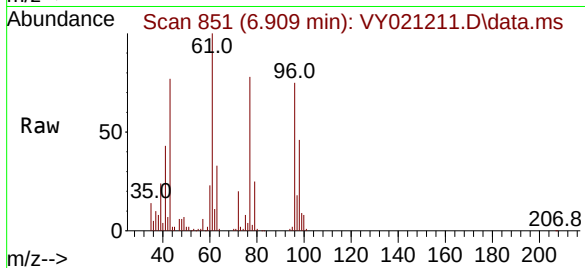
Tgt Ion: 96 Resp: 71984

Ion Ratio Lower Upper

96 100

61 147.2 0.0 278.8

98 62.7 0.0 127.0



#28

Bromochloromethane

Concen: 52.571 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

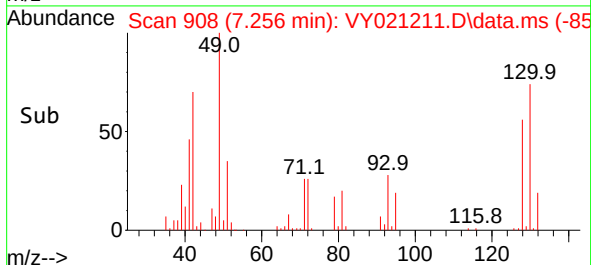
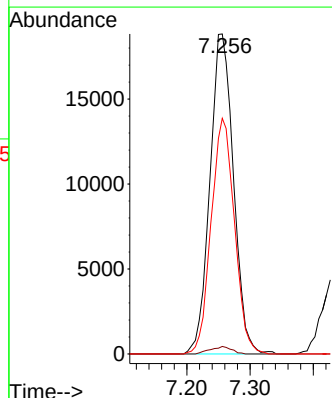
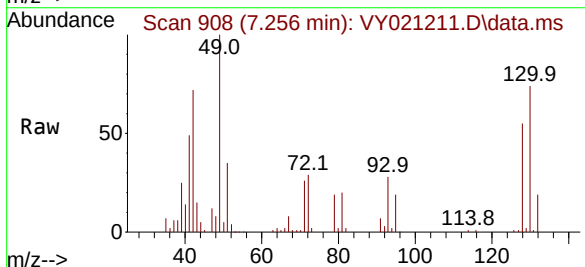
Tgt Ion: 49 Resp: 48786

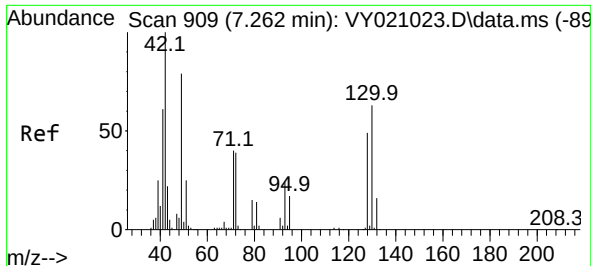
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 72.7 59.8 89.8

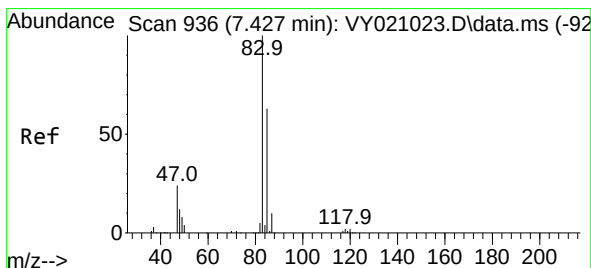
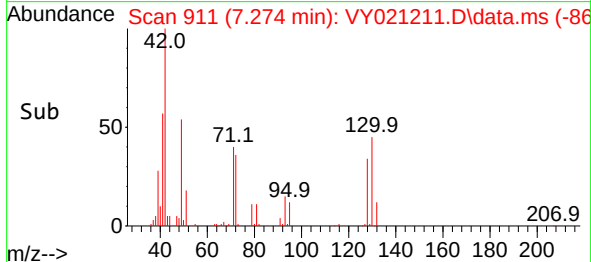
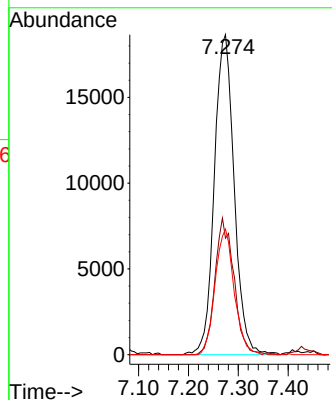
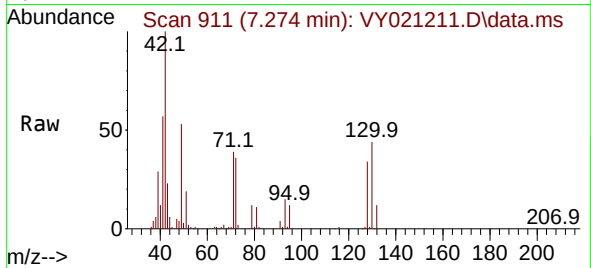




#29
Tetrahydrofuran
Concen: 240.130 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

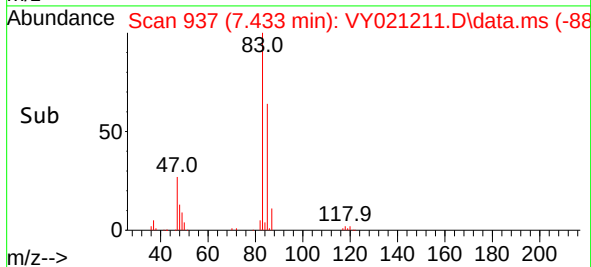
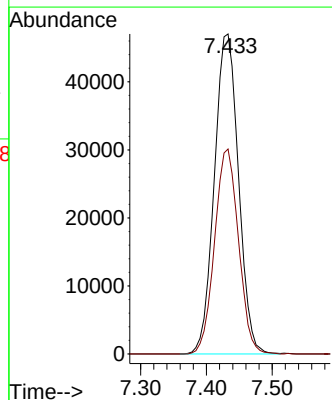
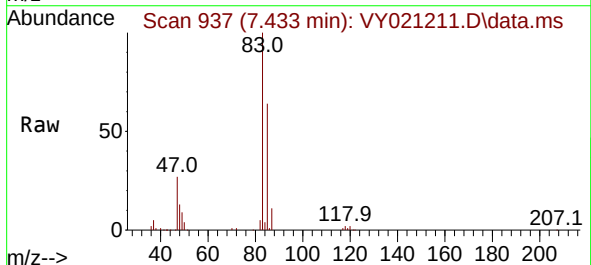
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

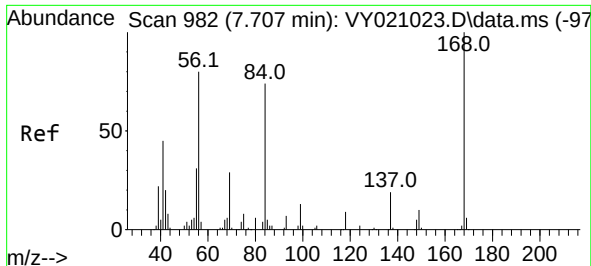
Tgt Ion: 42 Resp: 51594
Ion Ratio Lower Upper
42 100
72 40.9 36.6 54.8
71 37.8 33.8 50.6



#30
Chloroform
Concen: 49.900 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 83 Resp: 120287
Ion Ratio Lower Upper
83 100
85 64.0 51.2 76.8

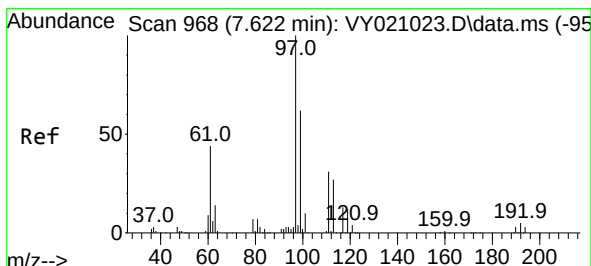
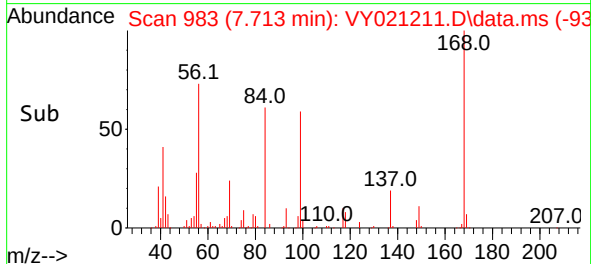
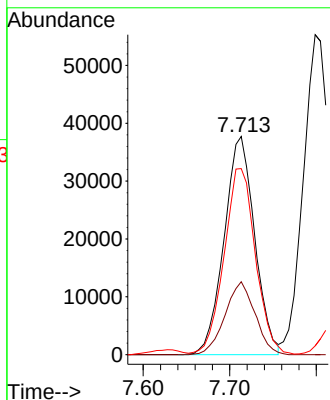
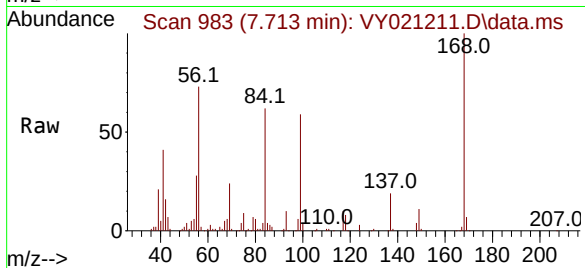




#31
Cyclohexane
Concen: 43.719 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

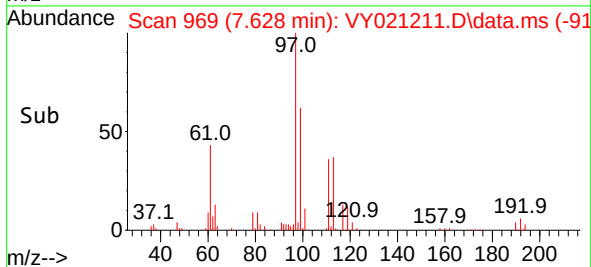
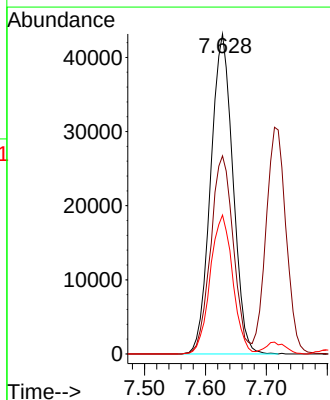
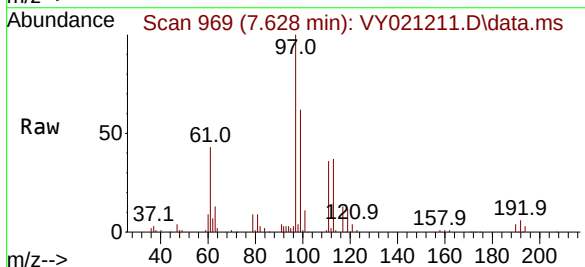
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

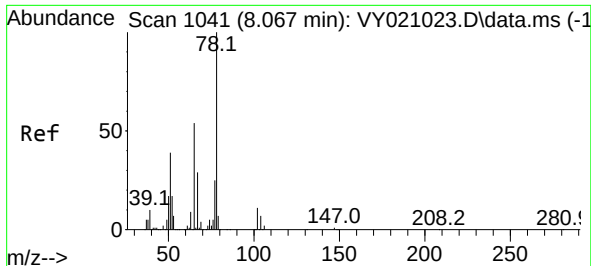
Tgt Ion: 56 Resp: 92394
Ion Ratio Lower Upper
56 100
69 33.5 27.0 40.6
84 83.6 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 48.840 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 97 Resp: 109459
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 44.0 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 49.976 ug/l

RT: 8.073 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

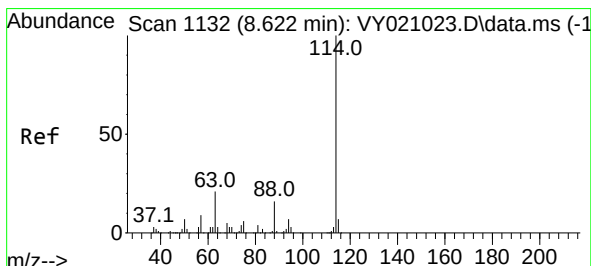
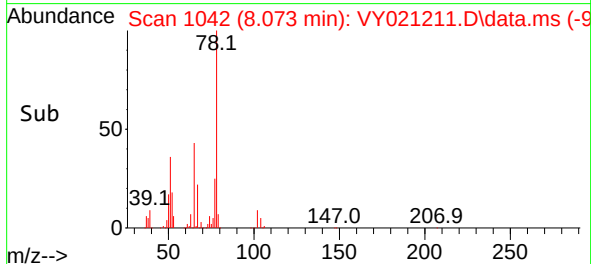
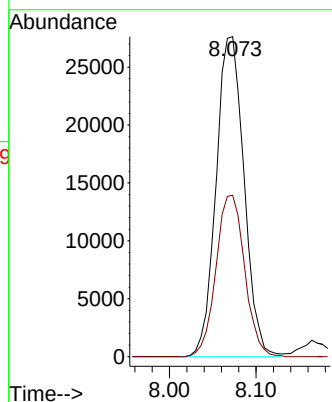
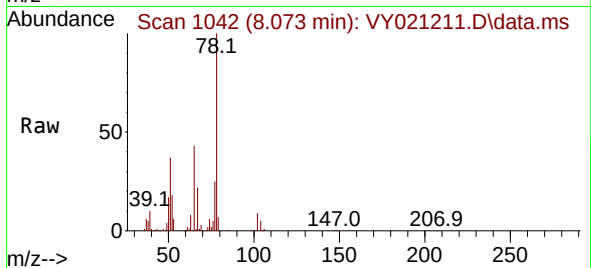
VSTDCCC050EC

Tgt Ion: 65 Resp: 61923

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

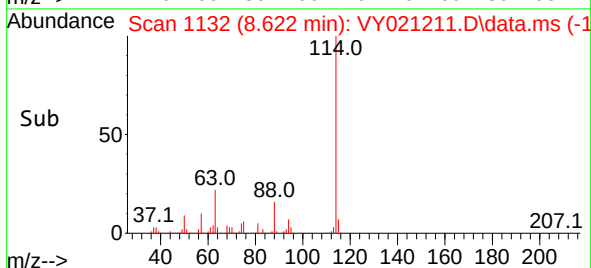
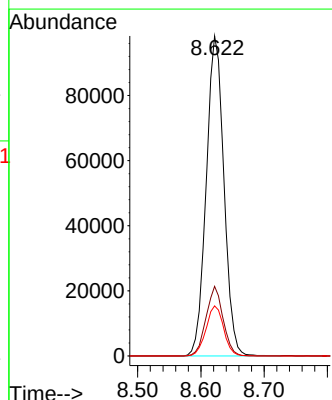
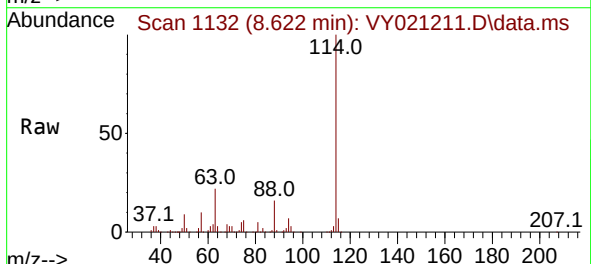
Tgt Ion: 114 Resp: 191359

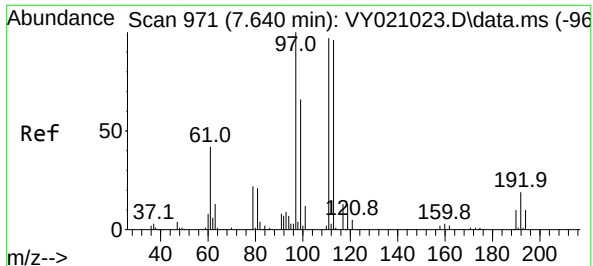
Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.4

88 15.6 0.0 29.0

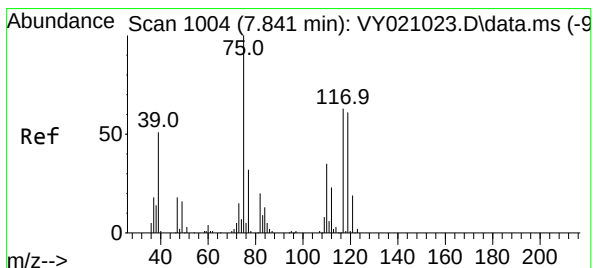
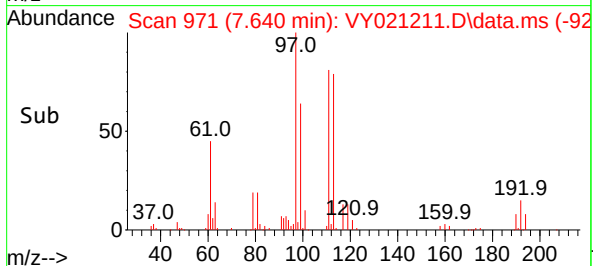
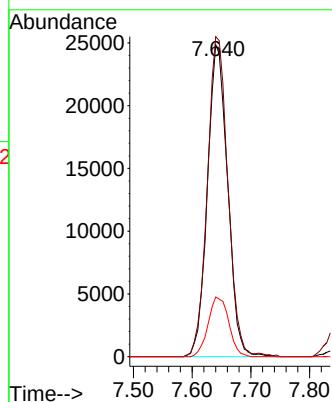
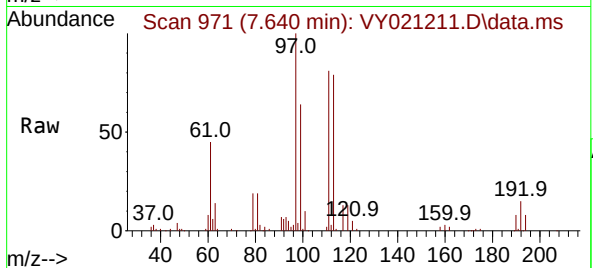




#35
Dibromofluoromethane
Concen: 48.424 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

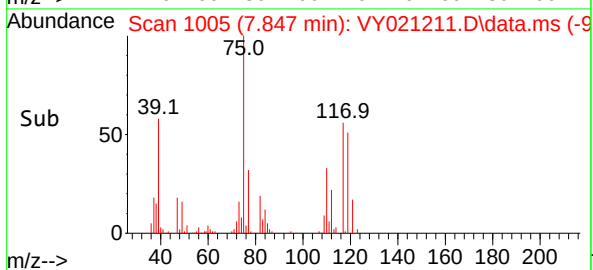
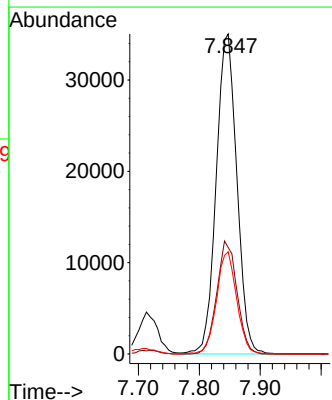
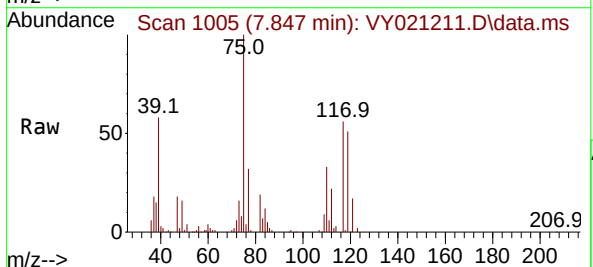
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

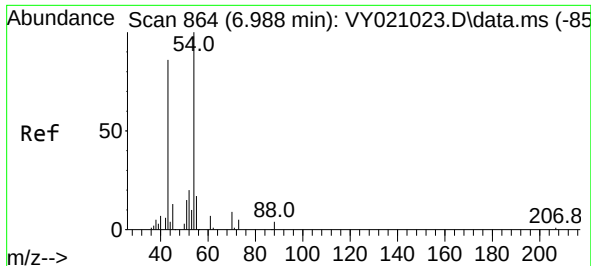
Tgt Ion:113 Resp: 59385
Ion Ratio Lower Upper
113 100
111 104.3 83.8 125.6
192 19.5 14.5 21.7



#36
1,1-Dichloropropene
Concen: 45.440 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 75 Resp: 82540
Ion Ratio Lower Upper
75 100
110 34.5 17.4 52.3
77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 45.269 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

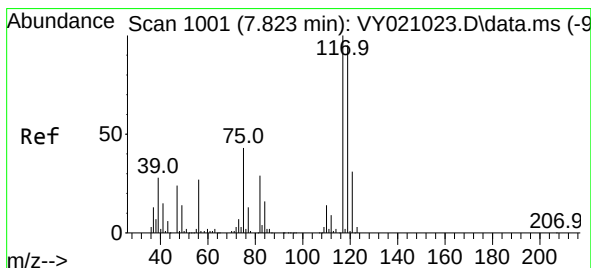
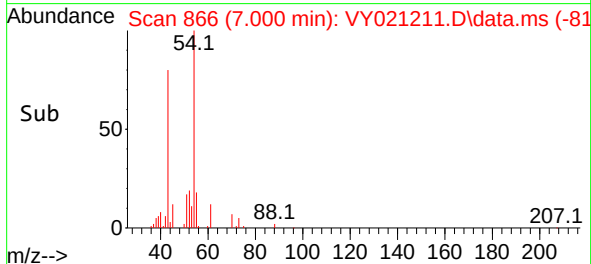
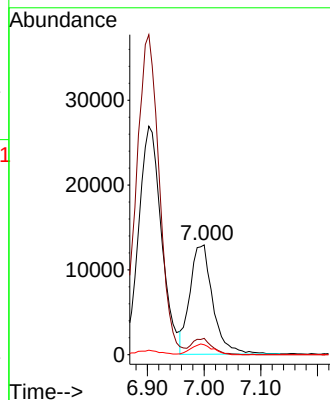
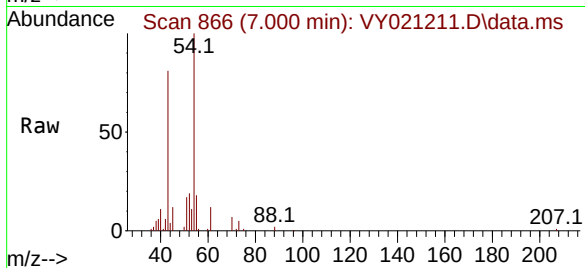
Tgt Ion: 43 Resp: 36073

Ion Ratio Lower Upper

43 100

61 13.0 11.0 16.6

70 9.2 8.1 12.1



#38

Carbon Tetrachloride

Concen: 46.791 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

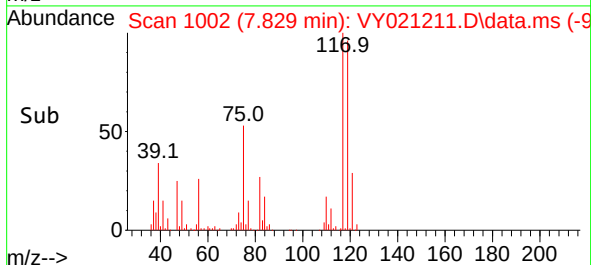
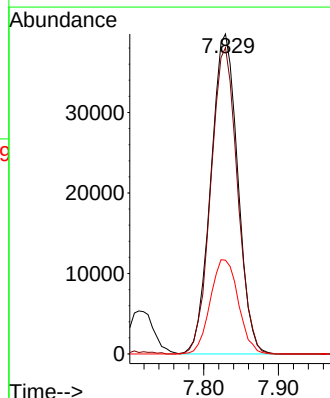
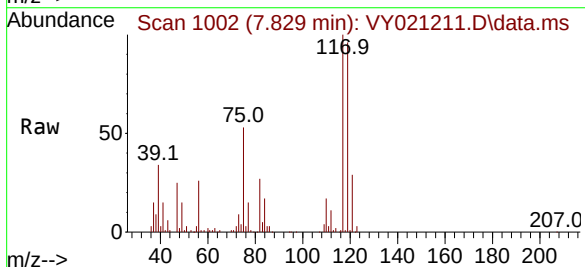
Tgt Ion: 117 Resp: 99311

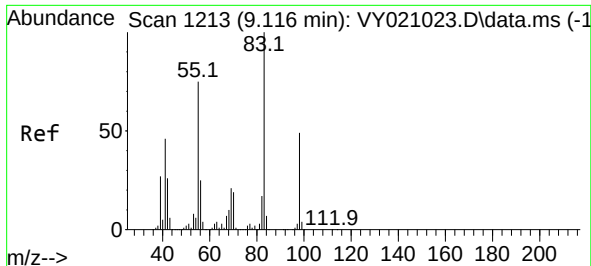
Ion Ratio Lower Upper

117 100

119 95.8 76.0 114.0

121 29.3 24.2 36.2





#39

Methylcyclohexane

Concen: 44.827 ug/l

RT: 9.115 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

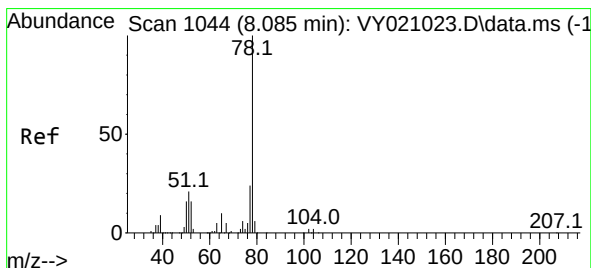
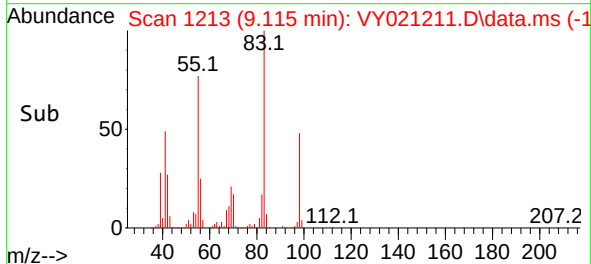
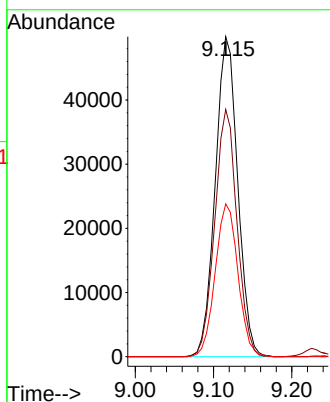
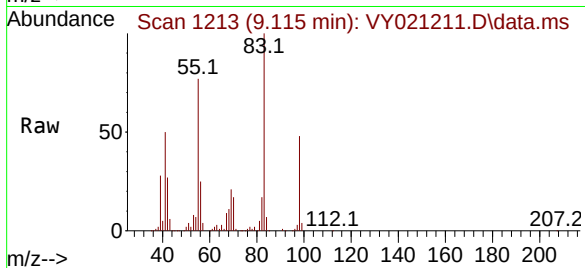
Tgt Ion: 83 Resp: 99600

Ion Ratio Lower Upper

83 100

55 77.3 59.7 89.5

98 47.7 38.0 57.0



#40

Benzene

Concen: 48.118 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY021211.D

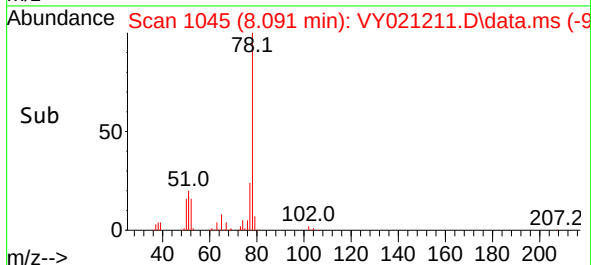
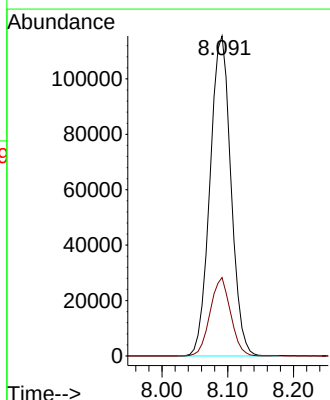
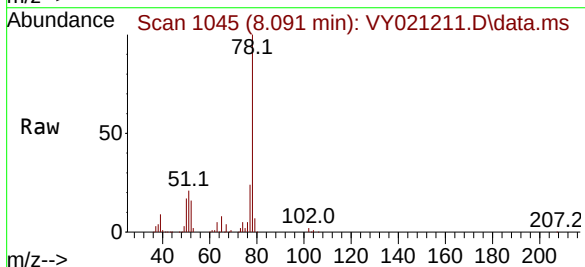
Acq: 14 Feb 2025 16:17

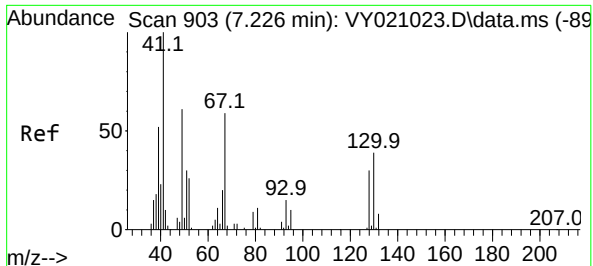
Tgt Ion: 78 Resp: 256499

Ion Ratio Lower Upper

78 100

77 24.5 18.8 28.2

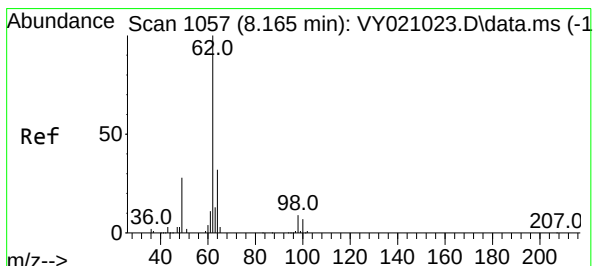
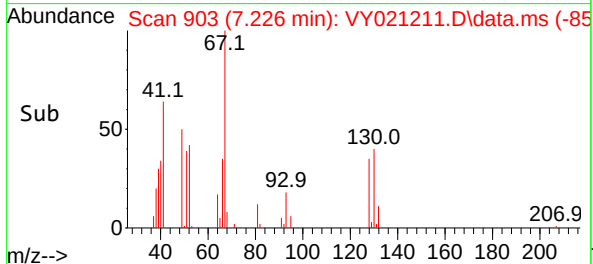
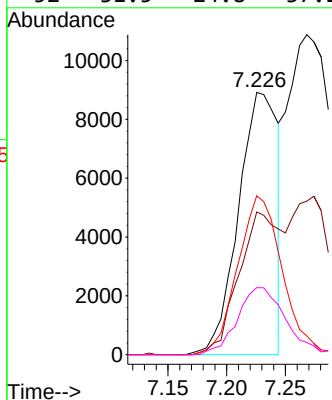
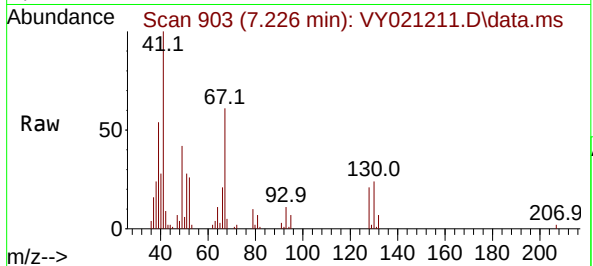




#41
Methacrylonitrile
Concen: 44.871 ug/l
RT: 7.226 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

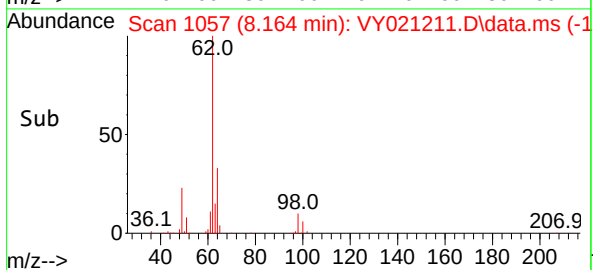
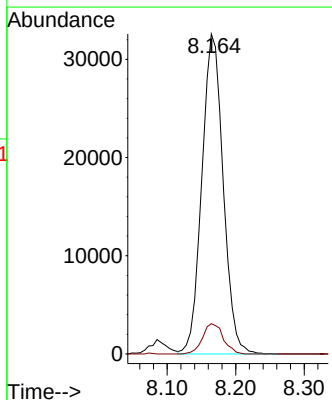
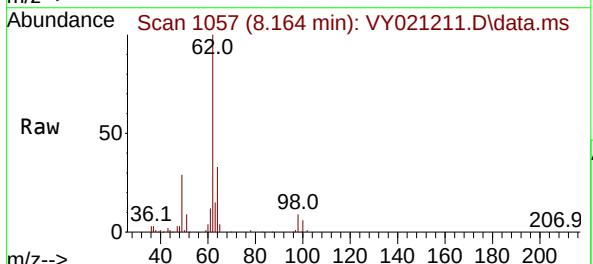
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

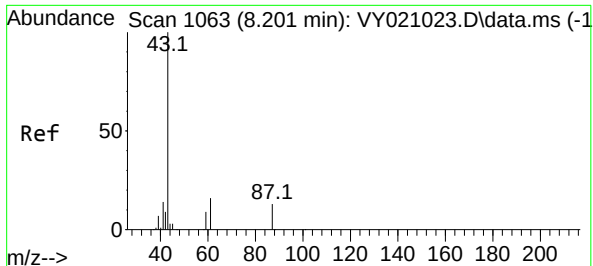
Tgt Ion:	41	Resp:	20686
Ion	Ratio	Lower	Upper
41	100		
39	61.1	41.9	62.9
67	69.4	59.8	89.6
52	31.5	24.8	37.2



#42
1,2-Dichloroethane
Concen: 47.776 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion:	62	Resp:	70647
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2

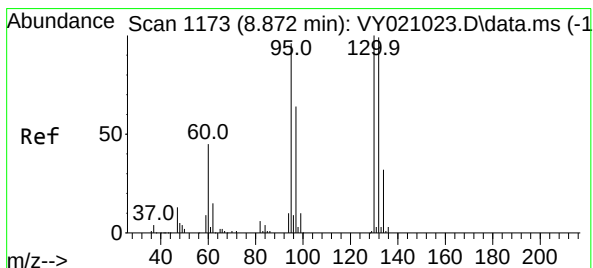
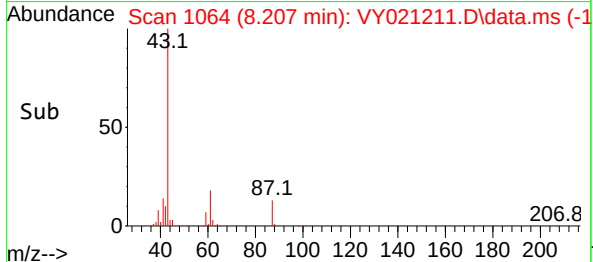
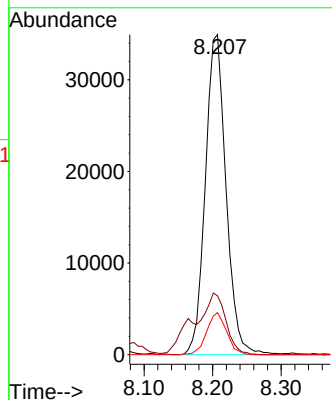
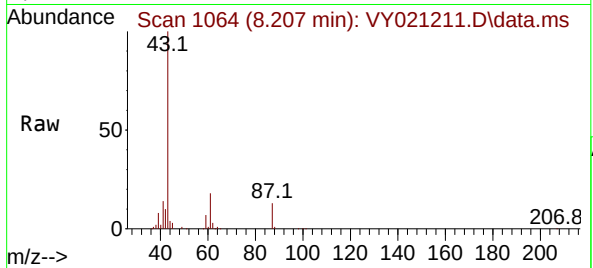




#43
Isopropyl Acetate
Concen: 46.420 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

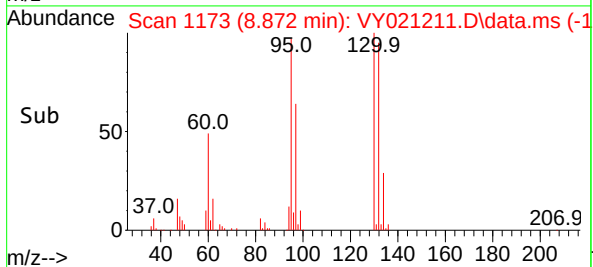
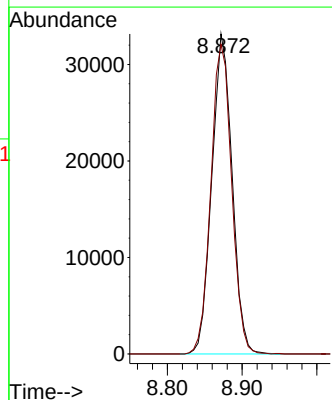
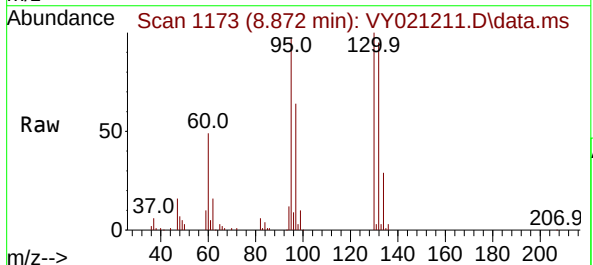
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

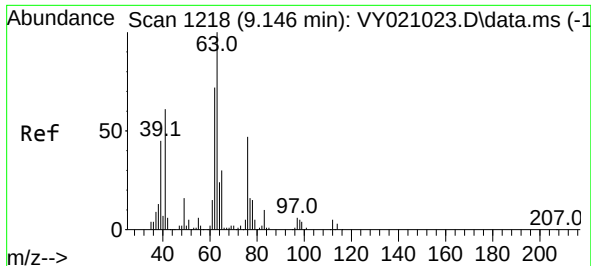
Tgt Ion: 43 Resp: 73500
Ion Ratio Lower Upper
43 100
61 20.2 24.8 37.2#
87 12.7 10.7 16.1



#44
Trichloroethene
Concen: 45.565 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 130 Resp: 62753
Ion Ratio Lower Upper
130 100
95 96.8 0.0 203.8





#45

1,2-Dichloropropane

Concen: 48.940 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

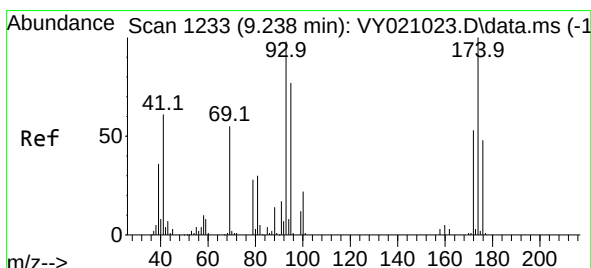
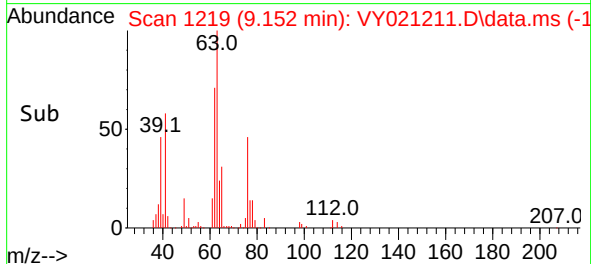
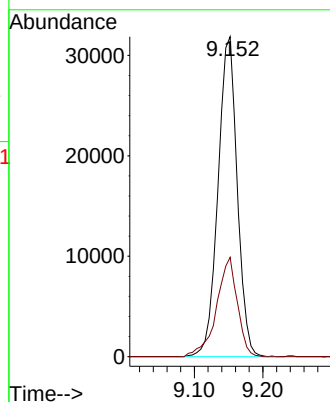
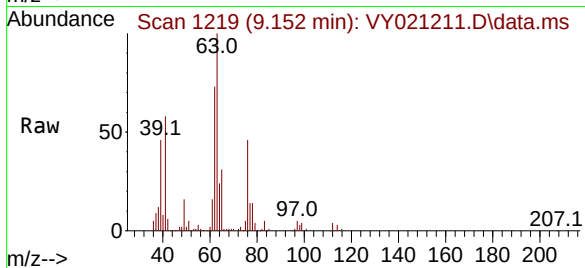
VSTDCCC050EC

Tgt Ion: 63 Resp: 61920

Ion Ratio Lower Upper

63 100

65 31.0 24.6 36.8



#46

Dibromomethane

Concen: 47.755 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

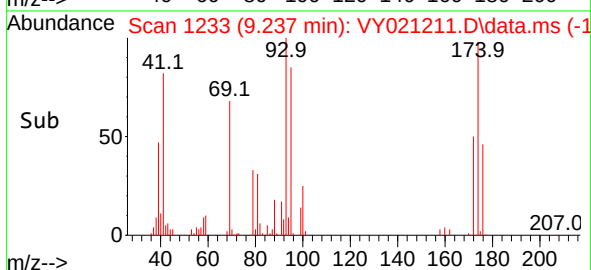
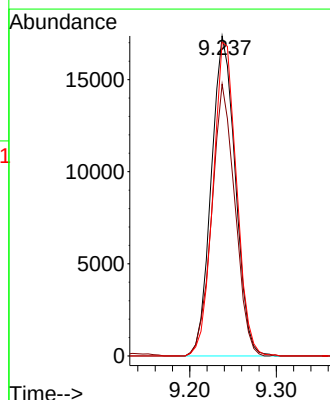
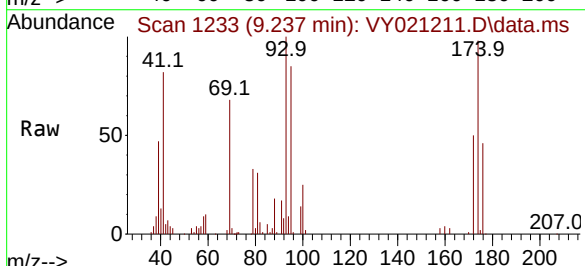
Tgt Ion: 93 Resp: 33454

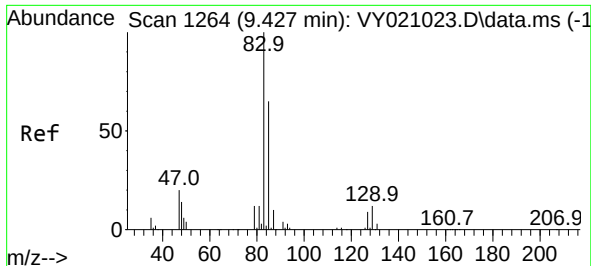
Ion Ratio Lower Upper

93 100

95 81.8 66.6 99.8

174 95.9 73.8 110.6

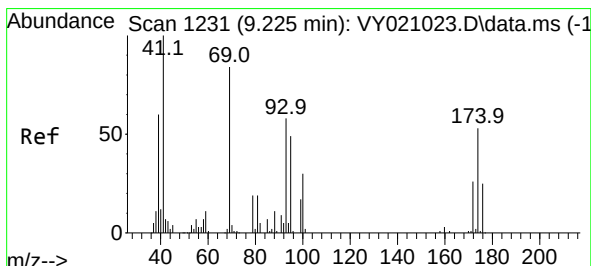
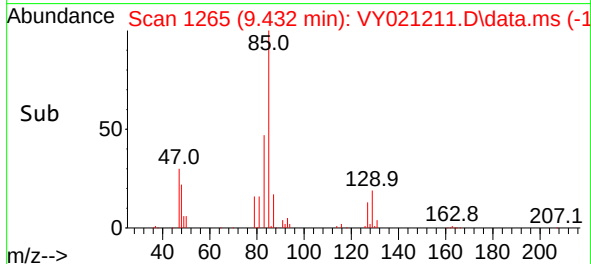
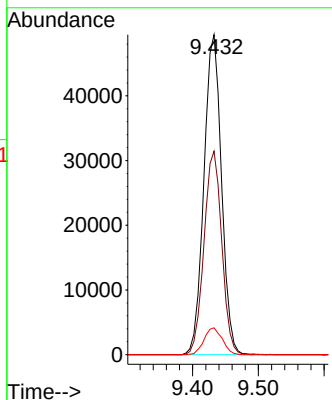
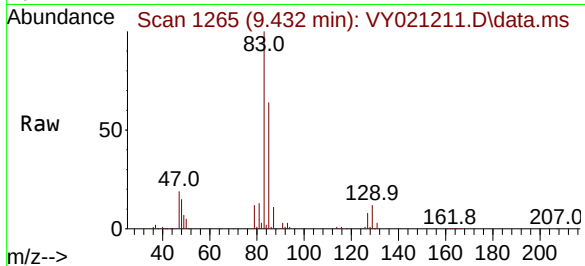




#47
Bromodichloromethane
Concen: 48.934 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

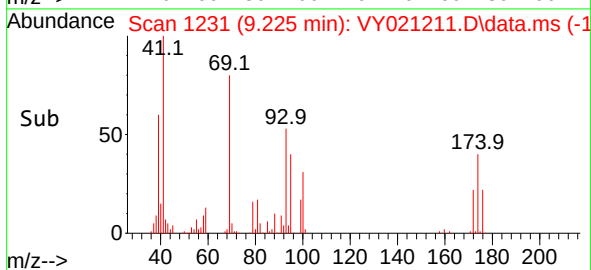
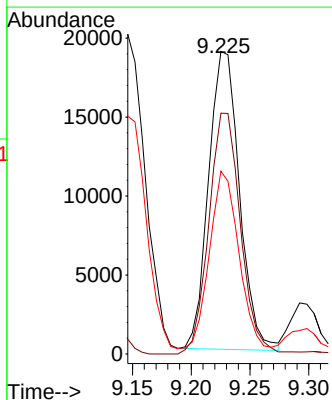
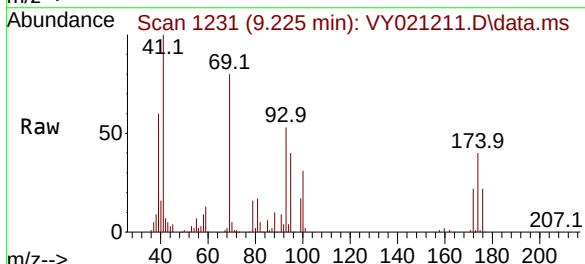
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

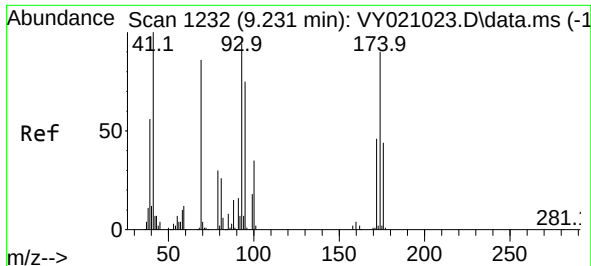
Tgt Ion: 83 Resp: 91936
Ion Ratio Lower Upper
83 100
85 63.6 53.2 79.8
127 8.4 6.4 9.6



#48
Methyl methacrylate
Concen: 47.906 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 41 Resp: 34552
Ion Ratio Lower Upper
41 100
69 82.9 72.1 108.1
39 56.9 42.8 64.2





#49

1,4-Dioxane

Concen: 1025.546 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

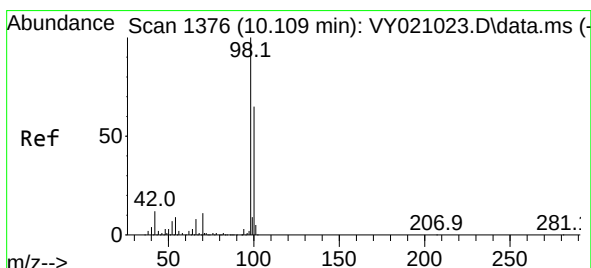
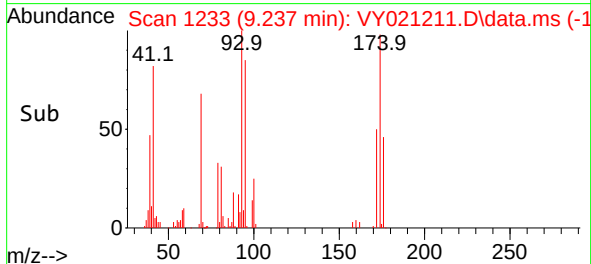
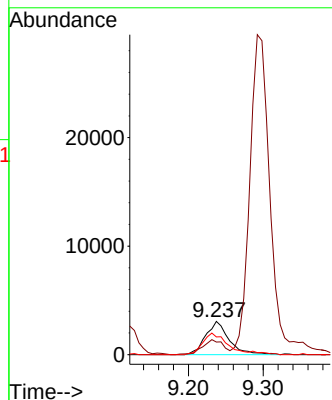
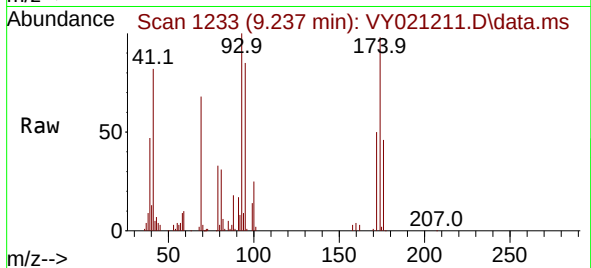
Tgt Ion: 88 Resp: 6688

Ion Ratio Lower Upper

88 100

43 40.0 28.2 42.4

58 72.4 52.2 78.2



#50

Toluene-d8

Concen: 48.449 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021211.D

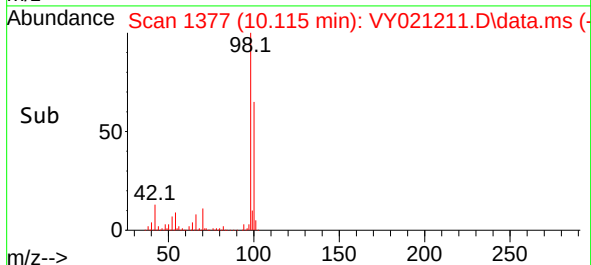
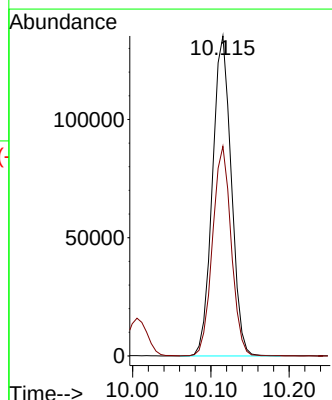
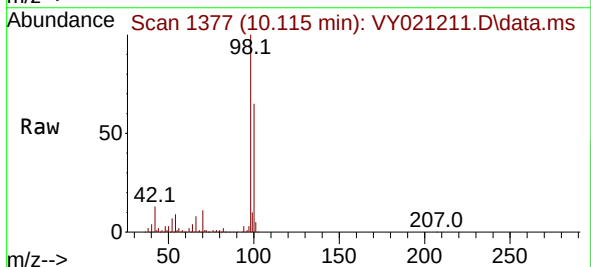
Acq: 14 Feb 2025 16:17

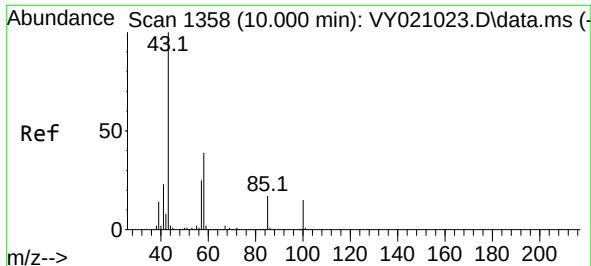
Tgt Ion: 98 Resp: 226199

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5

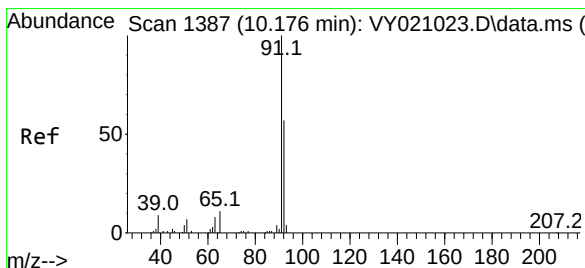
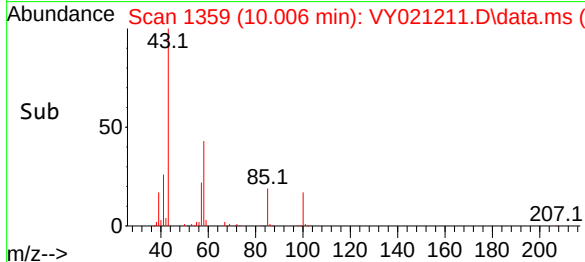
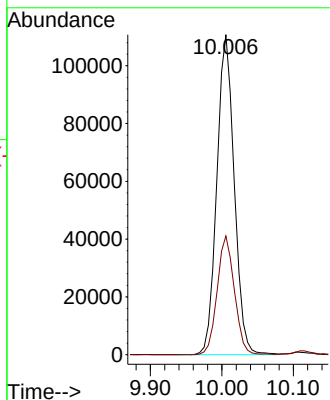
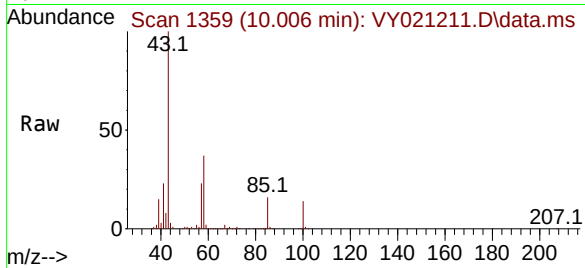




#51
4-Methyl-2-Pentanone
Concen: 235.001 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

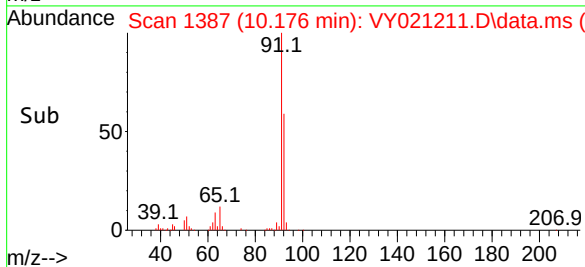
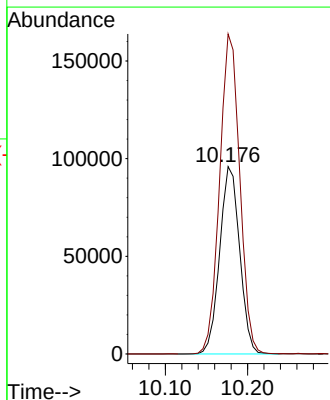
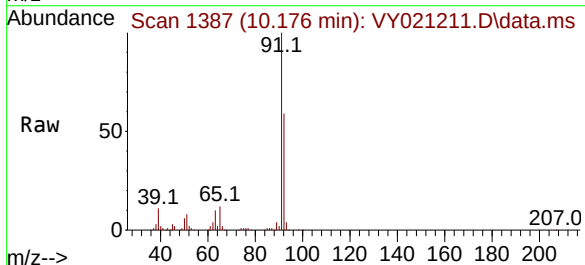
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

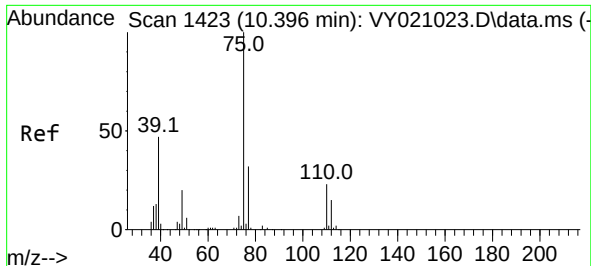
Tgt Ion: 43 Resp: 187115
Ion Ratio Lower Upper
43 100
58 36.7 32.2 48.2



#52
Toluene
Concen: 48.330 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 92 Resp: 161767
Ion Ratio Lower Upper
92 100
91 172.3 137.6 206.4

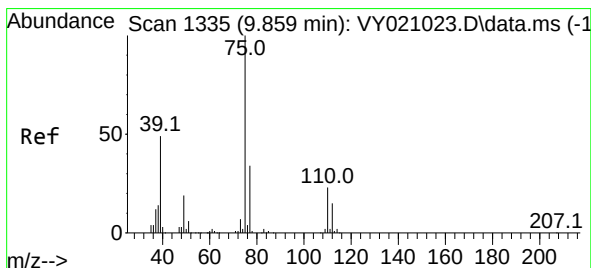
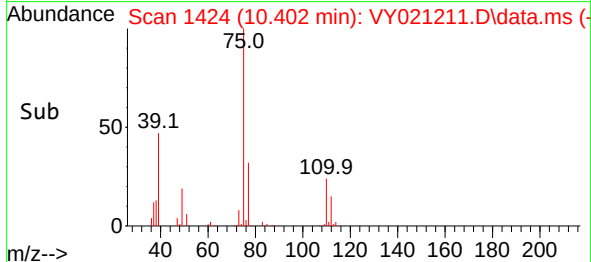
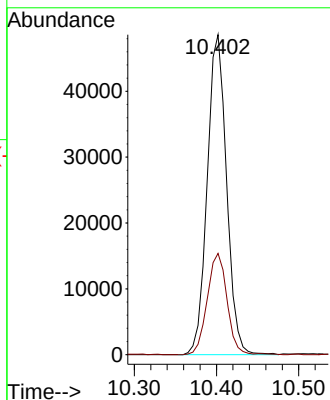
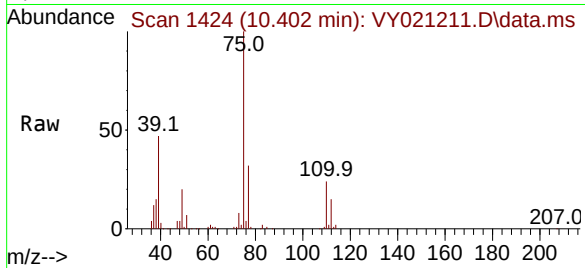




#53
t-1,3-Dichloropropene
Concen: 47.102 ug/l
RT: 10.402 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

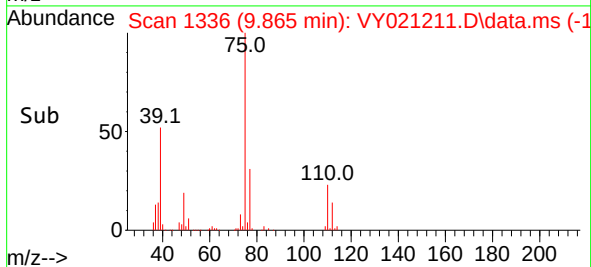
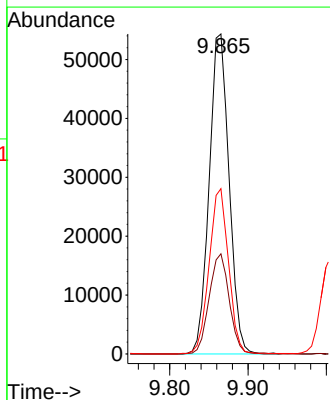
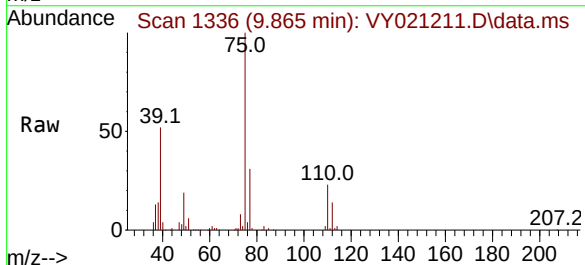
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

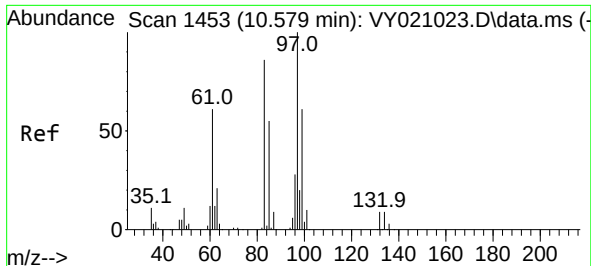
Tgt Ion: 75 Resp: 79460
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 47.971 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 75 Resp: 95819
Ion Ratio Lower Upper
75 100
77 31.3 24.6 36.8
39 51.6 33.6 50.4#





#55

1,1,2-Trichloroethane

Concen: 48.418 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 43922

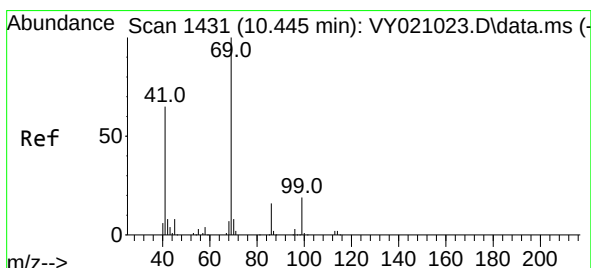
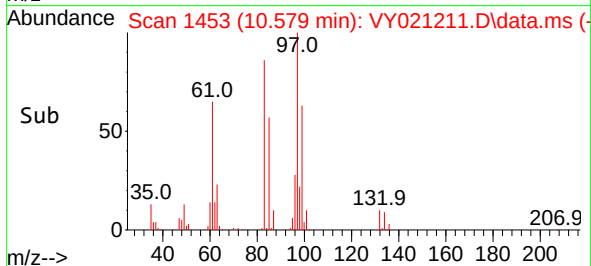
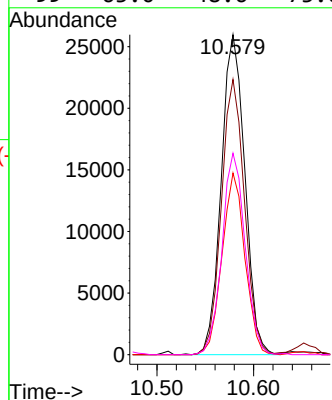
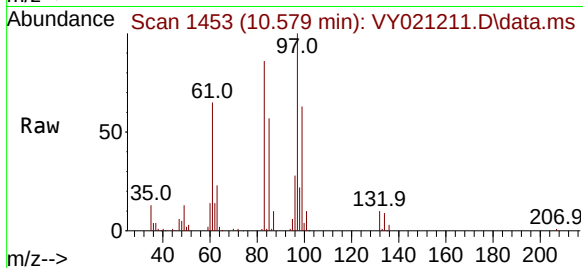
Ion Ratio Lower Upper

97 100

83 86.0 69.4 104.2

85 56.7 43.9 65.9

99 63.0 48.6 73.0



#56

Ethyl methacrylate

Concen: 47.354 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

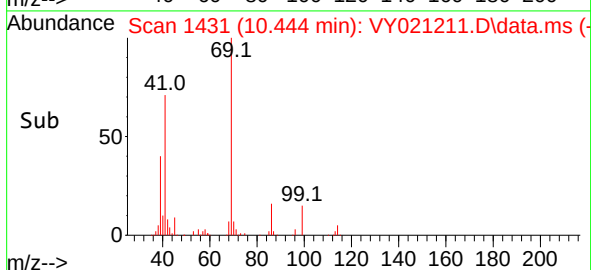
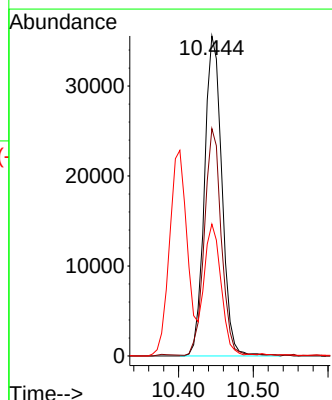
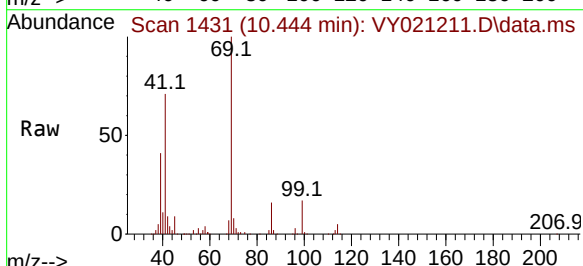
Tgt Ion: 69 Resp: 57467

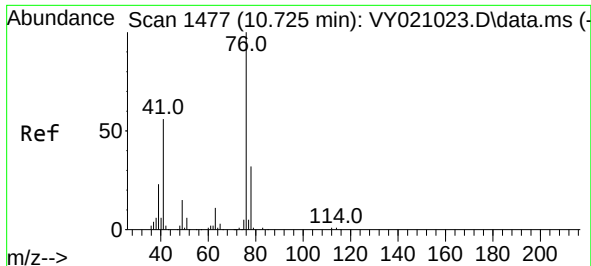
Ion Ratio Lower Upper

69 100

41 69.1 49.2 73.8

39 38.5 26.8 40.2

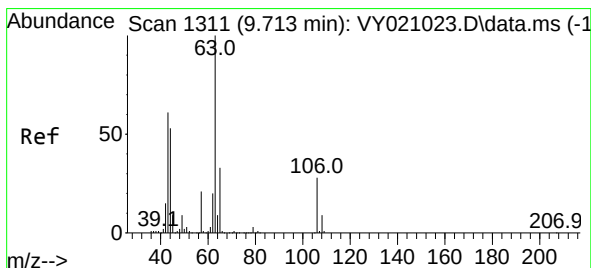
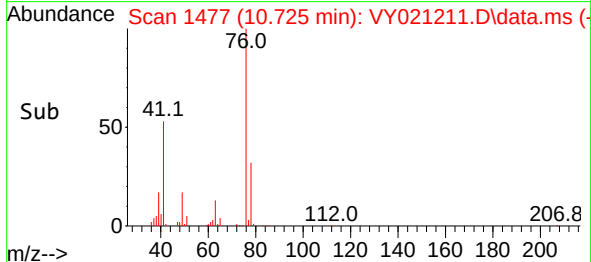
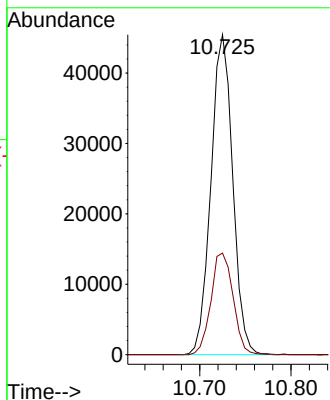
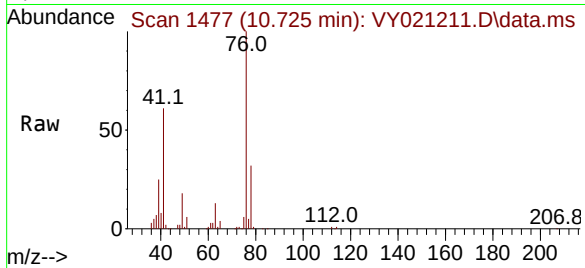




#57
 1,3-Dichloropropane
 Concen: 47.935 ug/l
 RT: 10.725 min Scan# 1477
 Delta R.T. -0.000 min
 Lab File: VY021211.D
 Acq: 14 Feb 2025 16:17

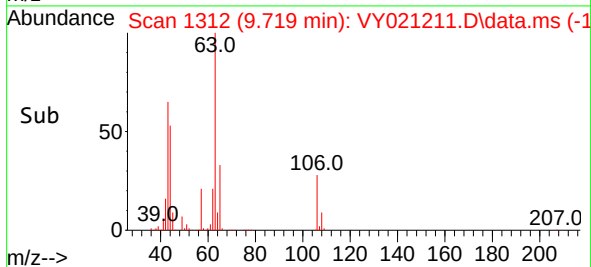
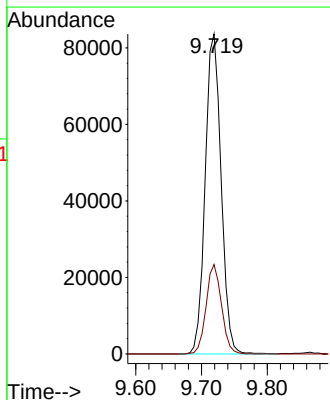
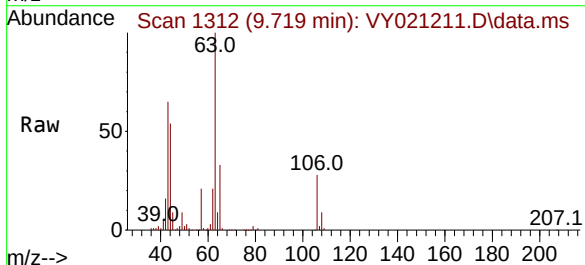
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

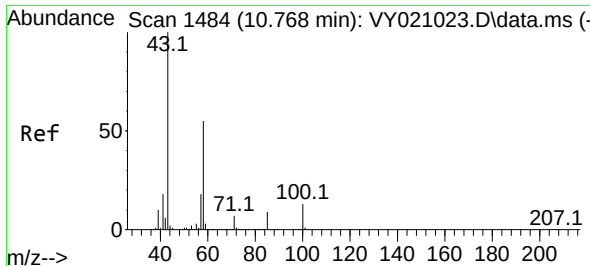
Tgt Ion: 76 Resp: 75265
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 243.677 ug/l
 RT: 9.719 min Scan# 1312
 Delta R.T. 0.006 min
 Lab File: VY021211.D
 Acq: 14 Feb 2025 16:17

Tgt Ion: 63 Resp: 140685
 Ion Ratio Lower Upper
 63 100
 106 27.0 22.4 33.6

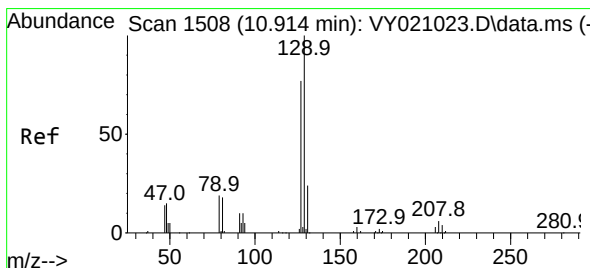
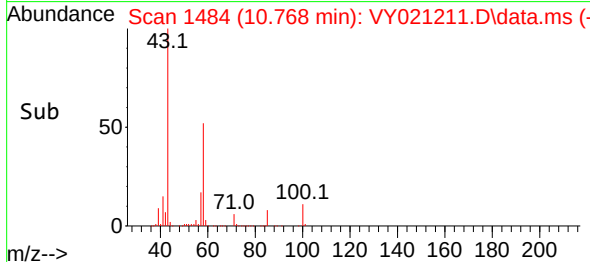
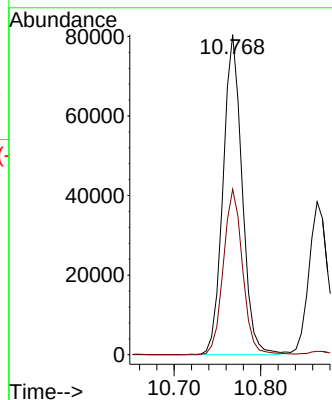
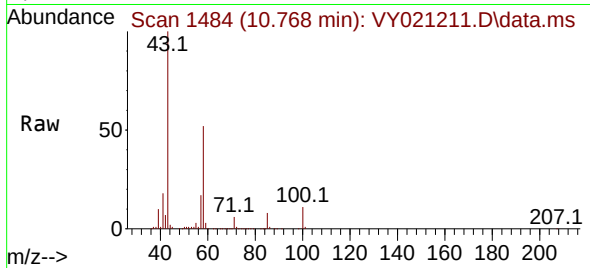




#59
2-Hexanone
Concen: 239.476 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

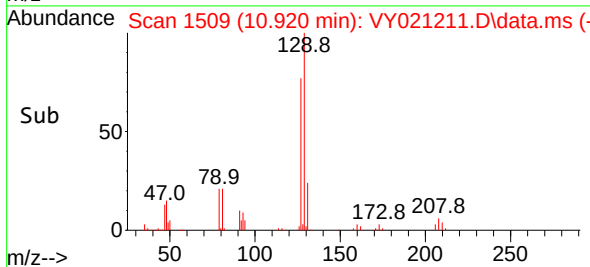
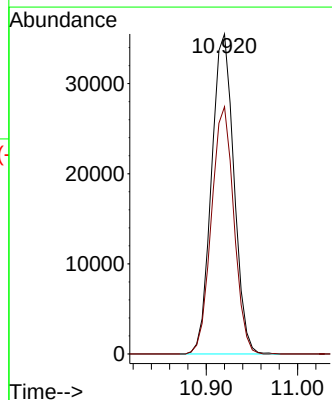
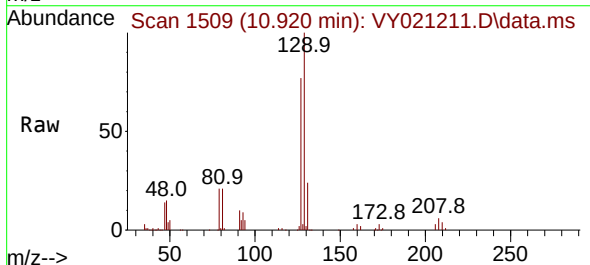
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

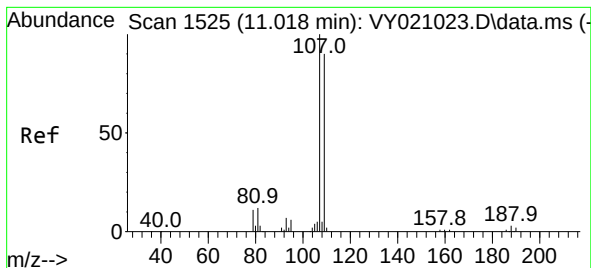
Tgt Ion: 43 Resp: 122770
Ion Ratio Lower Upper
43 100
58 52.2 28.1 84.3



#60
Dibromochloromethane
Concen: 47.435 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 129 Resp: 60429
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6

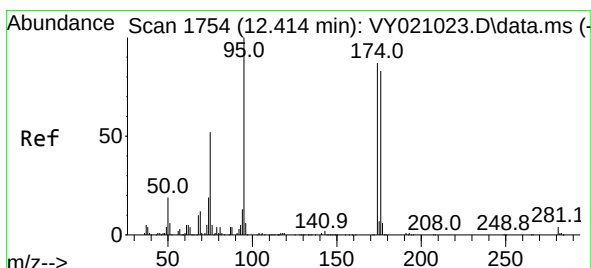
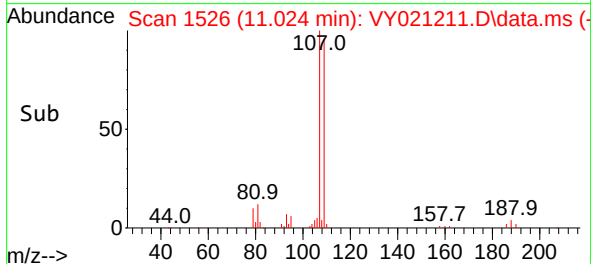
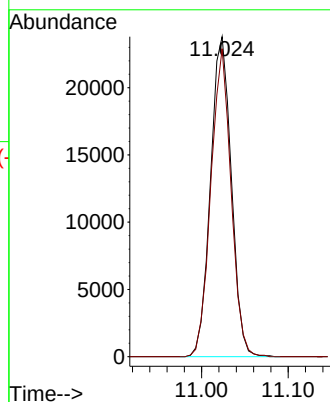
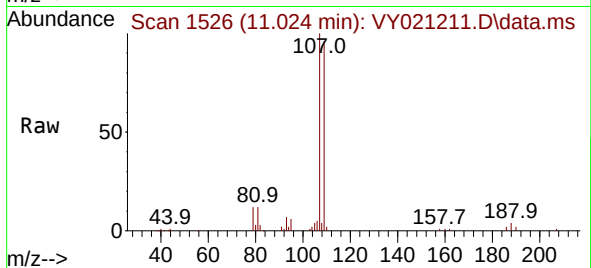




#61
1,2-Dibromoethane
Concen: 46.687 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

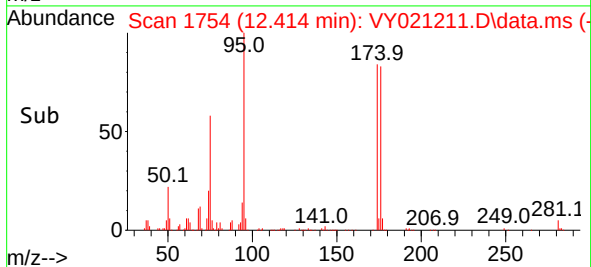
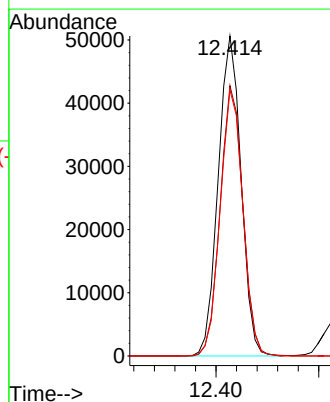
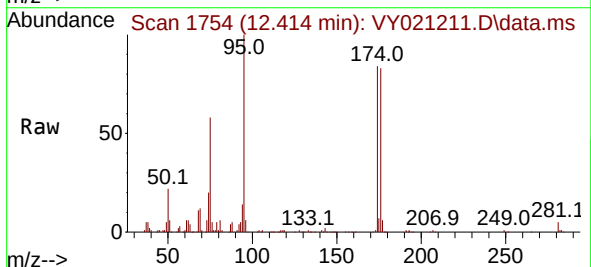
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

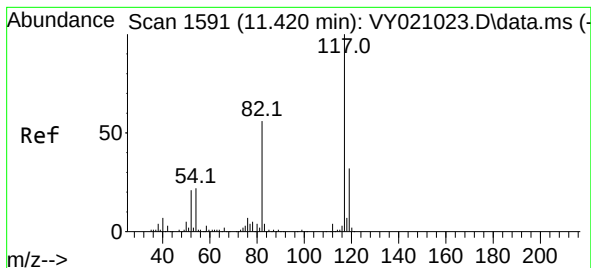
Tgt Ion:107 Resp: 39670
Ion Ratio Lower Upper
107 100
109 93.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 51.126 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 95 Resp: 77982
Ion Ratio Lower Upper
95 100
174 83.9 0.0 160.0
176 82.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

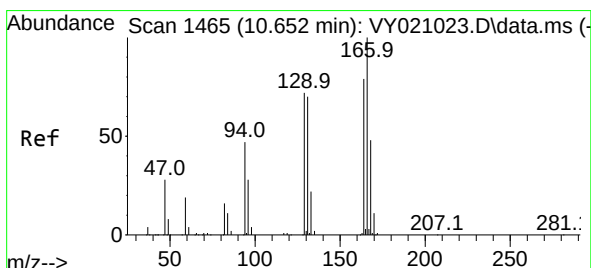
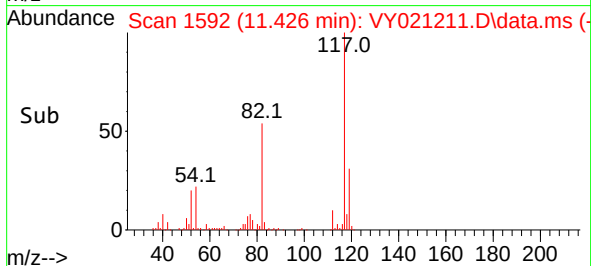
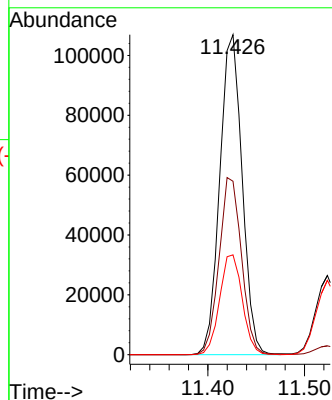
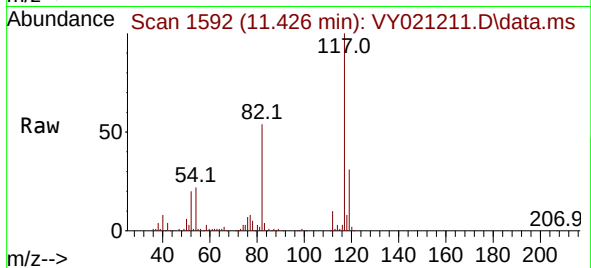
Tgt Ion:117 Resp: 171505

Ion Ratio Lower Upper

117 100

82 54.2 43.8 65.8

119 31.2 26.5 39.7



#64

Tetrachloroethene

Concen: 43.329 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

Tgt Ion:164 Resp: 55165

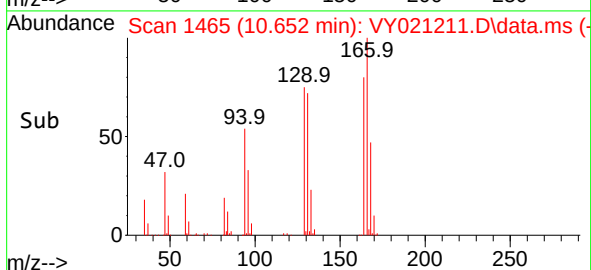
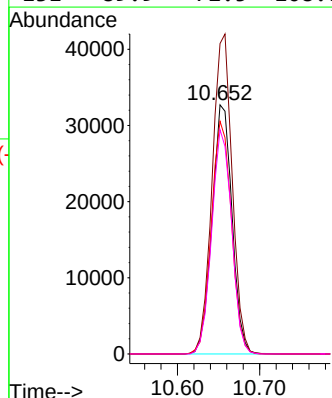
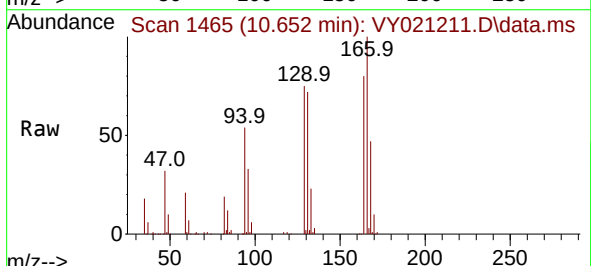
Ion Ratio Lower Upper

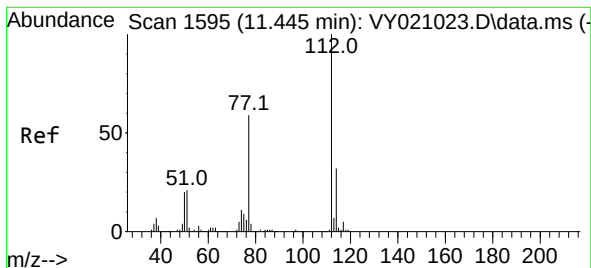
164 100

166 124.6 98.8 148.2

129 93.3 78.9 118.3

131 89.9 72.5 108.7





#65

Chlorobenzene

Concen: 46.064 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

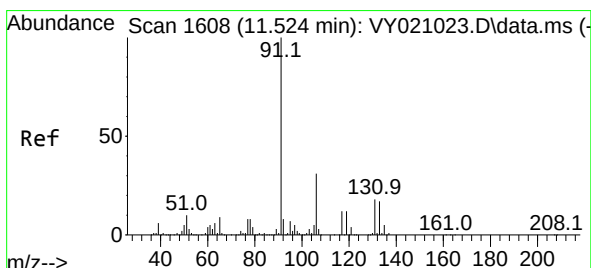
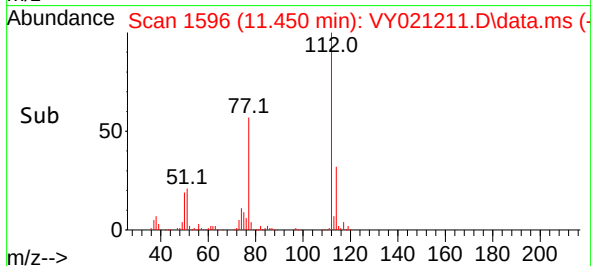
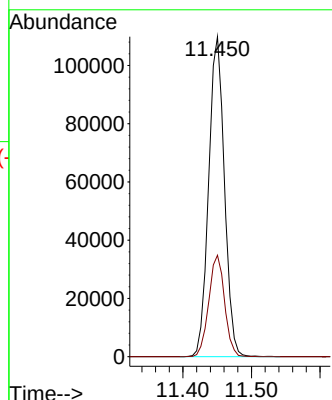
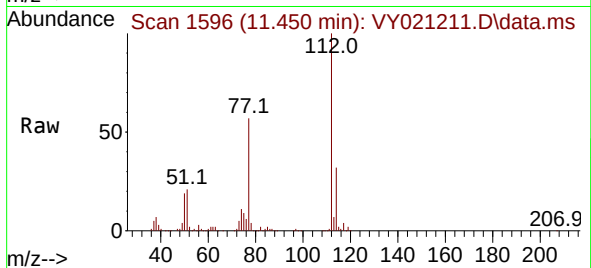
VSTDCCC050EC

Tgt Ion:112 Resp: 175913

Ion Ratio Lower Upper

112 100

114 31.7 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 46.782 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

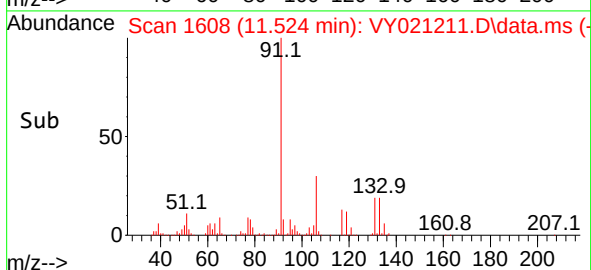
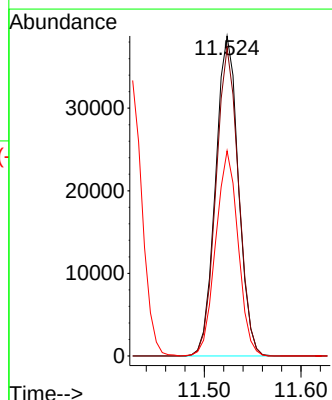
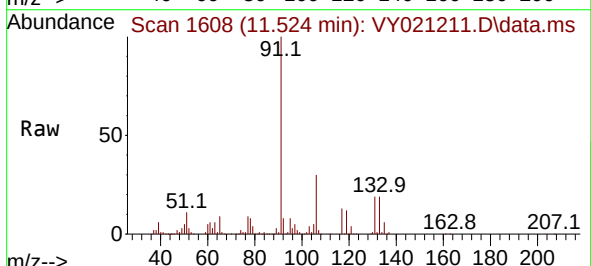
Tgt Ion:131 Resp: 63489

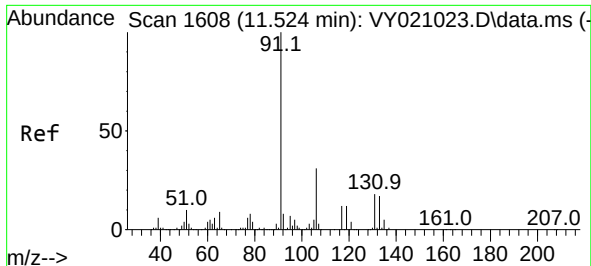
Ion Ratio Lower Upper

131 100

133 95.4 47.0 141.0

119 62.8 33.3 99.9





#67

Ethyl Benzene

Concen: 46.949 ug/l

RT: 11.524 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

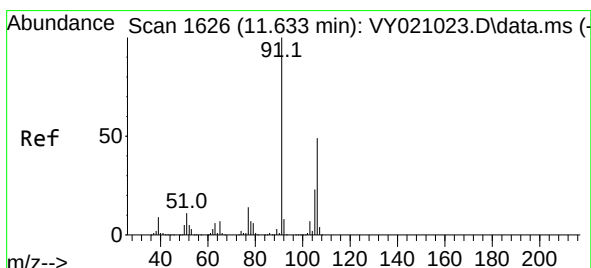
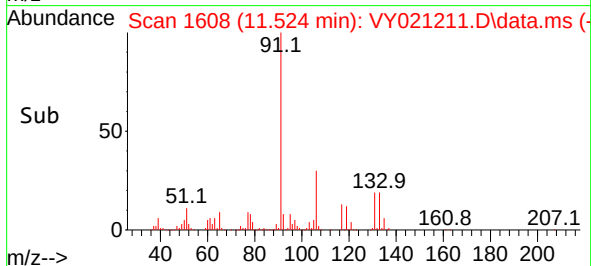
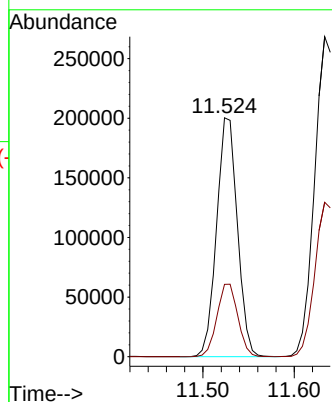
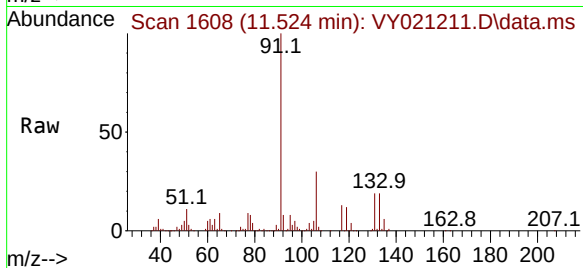
VSTDCCC050EC

Tgt Ion: 91 Resp: 317120

Ion Ratio Lower Upper

91 100

106 30.3 25.0 37.4



#68

m/p-Xylenes

Concen: 93.219 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY021211.D

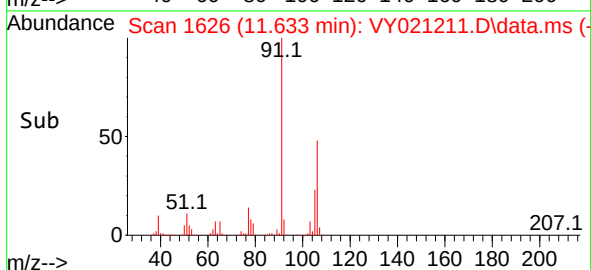
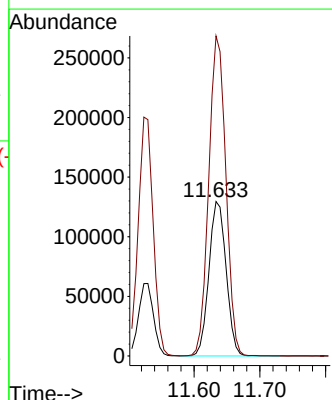
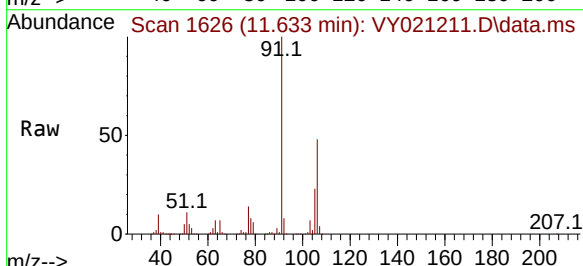
Acq: 14 Feb 2025 16:17

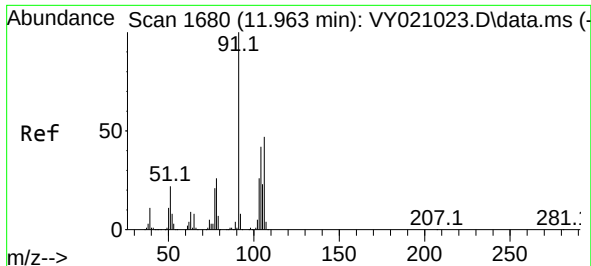
Tgt Ion:106 Resp: 235552

Ion Ratio Lower Upper

106 100

91 206.4 160.7 241.1

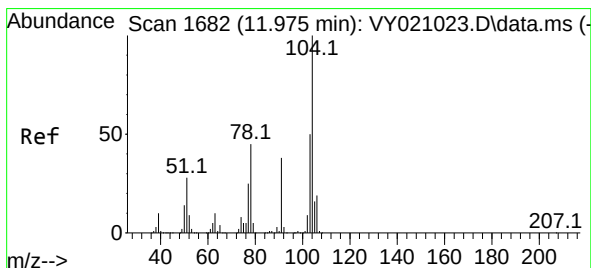
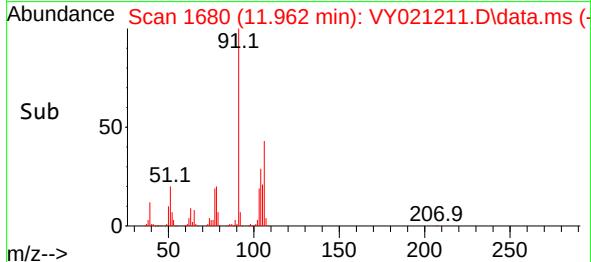
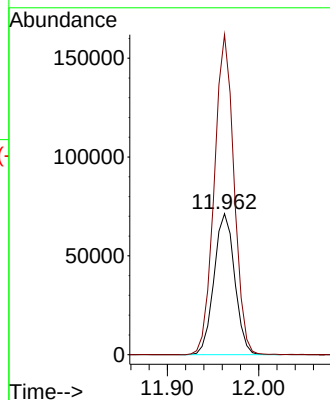
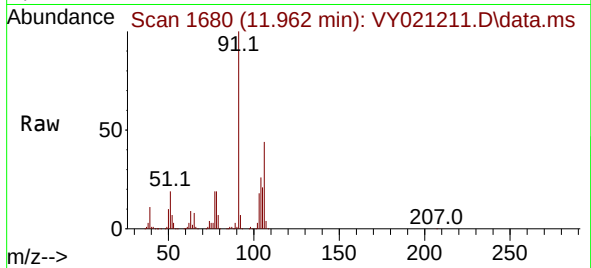




#69
o-Xylene
Concen: 47.569 ug/l
RT: 11.962 min Scan# 112067
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

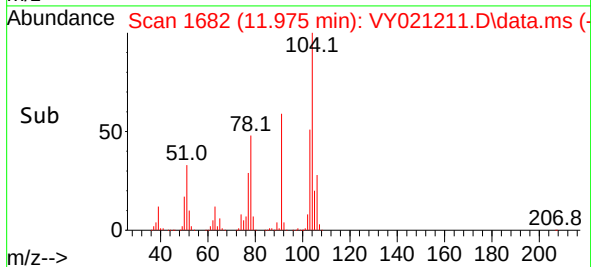
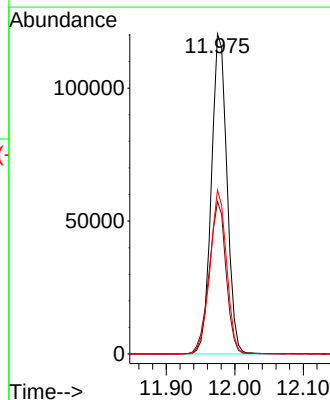
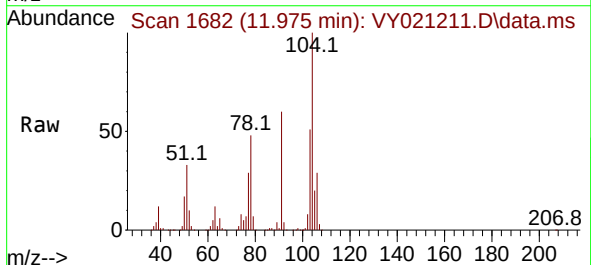
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

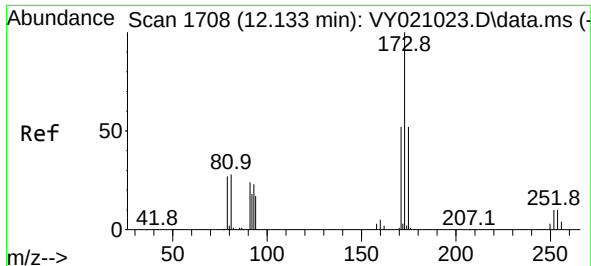
Tgt Ion	Ratio	Lower	Upper
106	100		
91	216.8	106.5	319.5



#70
Styrene
Concen: 48.574 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.1	39.2	58.8
103	54.6	43.8	65.6

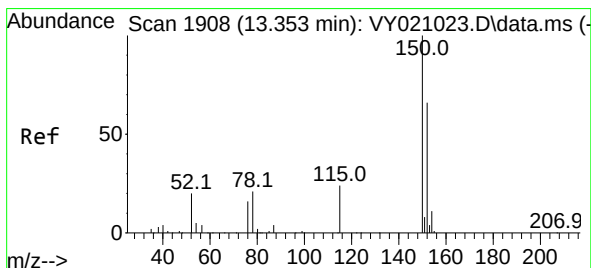
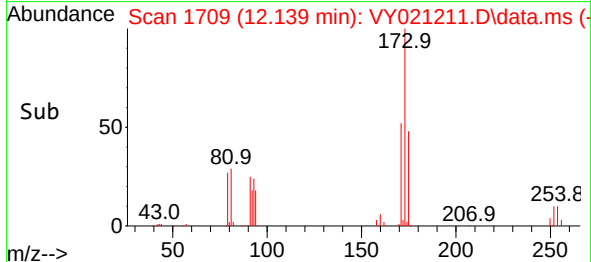
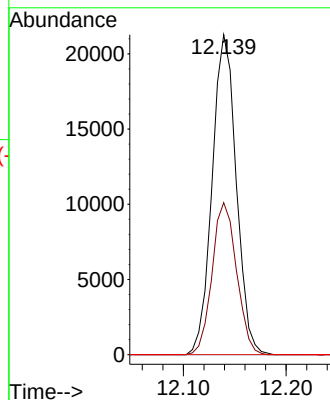
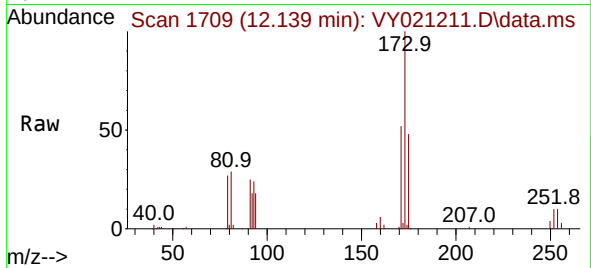




#71
Bromoform
Concen: 45.804 ug/l
RT: 12.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

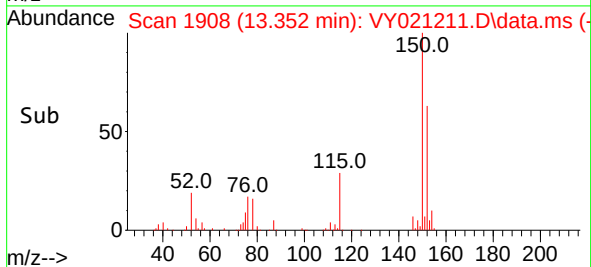
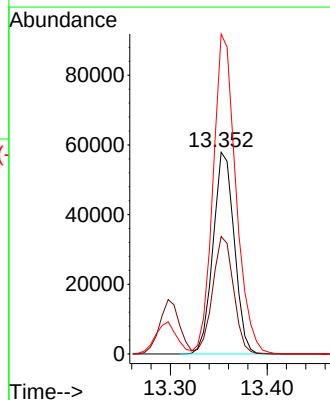
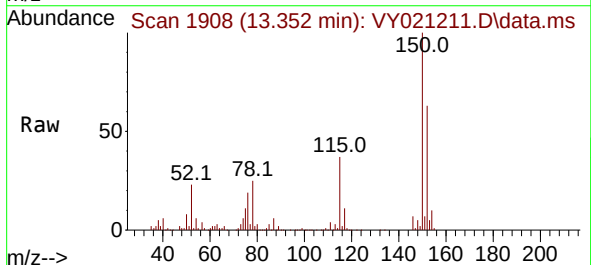
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

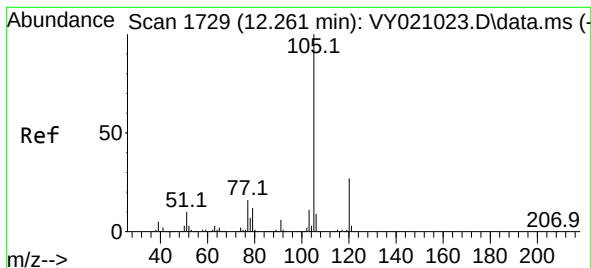
Tgt Ion:173 Resp: 34600
Ion Ratio Lower Upper
173 100
175 48.3 23.5 70.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion:152 Resp: 88192
Ion Ratio Lower Upper
152 100
115 57.7 30.0 90.0
150 171.0 0.0 344.6





#73

Isopropylbenzene

Concen: 43.804 ug/l

RT: 12.261 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

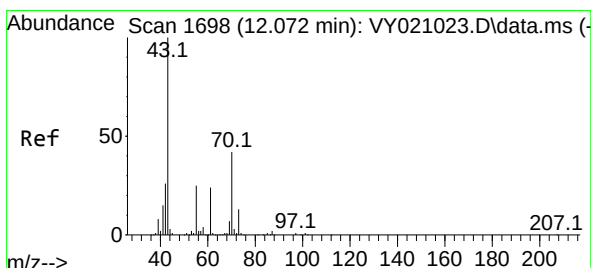
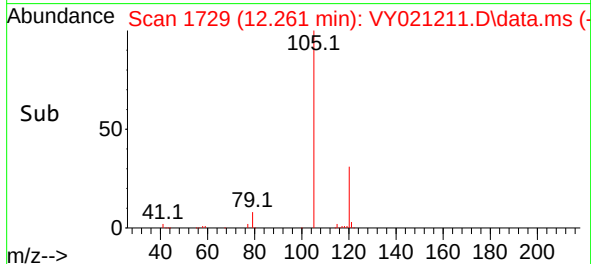
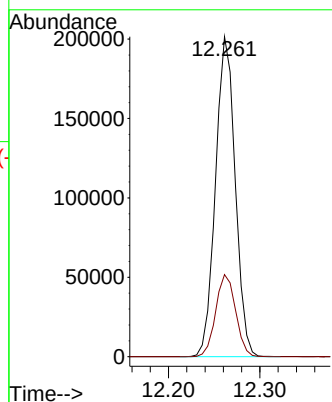
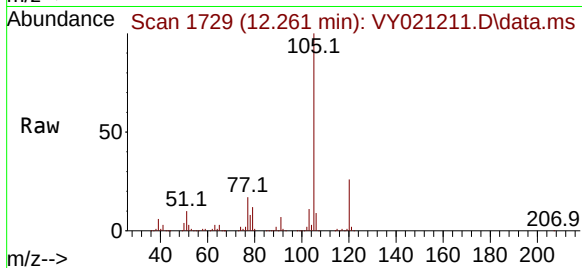
VSTDC0050EC

Tgt Ion:105 Resp: 301768

Ion Ratio Lower Upper

105 100

120 25.9 13.0 39.0



#74

N-ethyl acetate

Concen: 43.465 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

Tgt Ion: 43 Resp: 65464

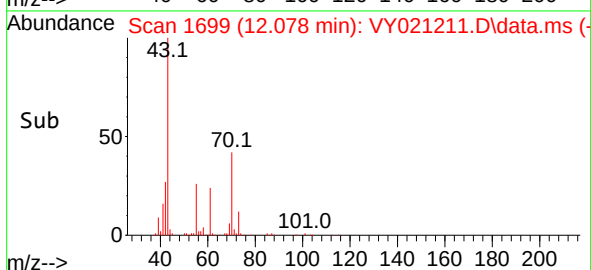
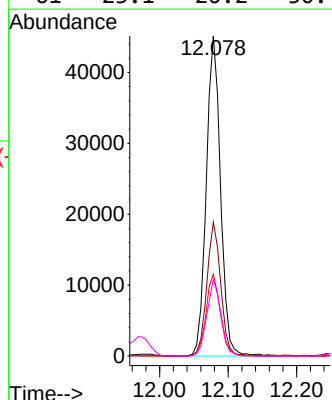
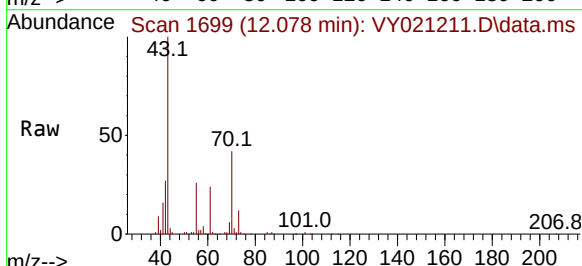
Ion Ratio Lower Upper

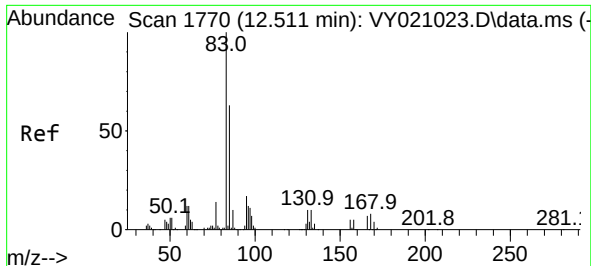
43 100

70 40.6 36.6 55.0

55 25.9 22.2 33.4

61 23.1 20.2 30.4

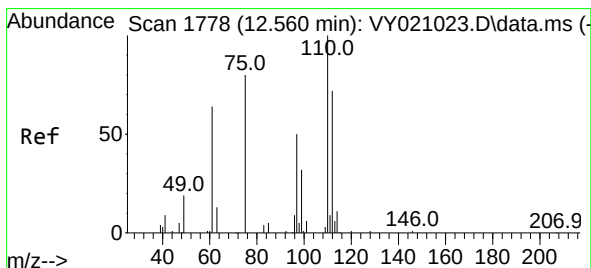
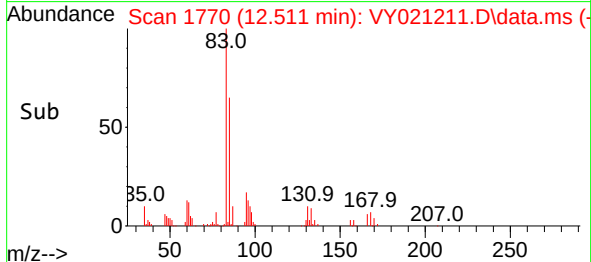
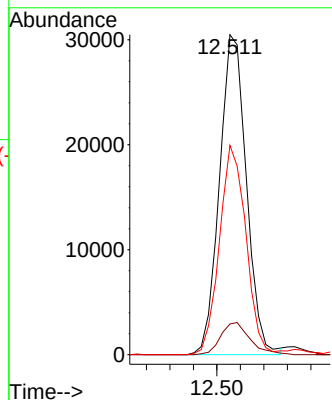
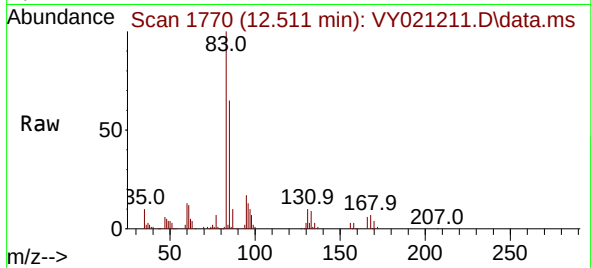




#75
1,1,2,2-Tetrachloroethane
Concen: 42.339 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

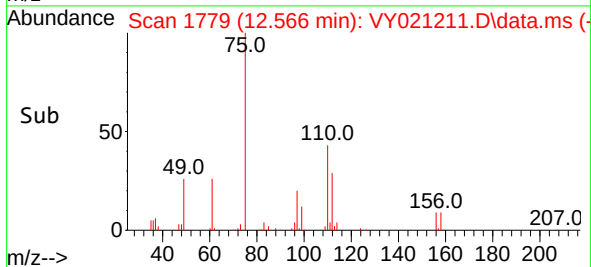
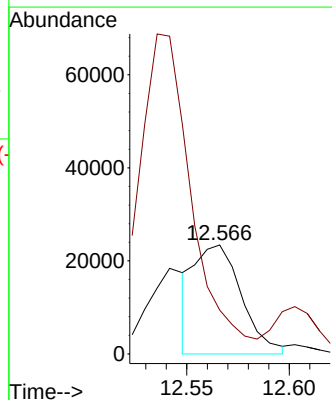
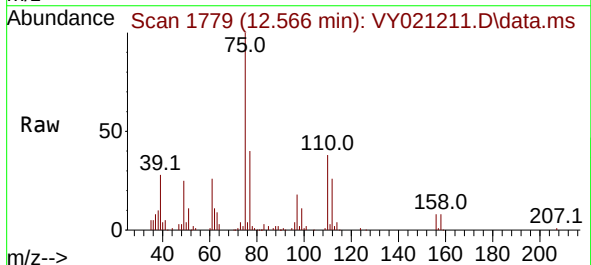
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

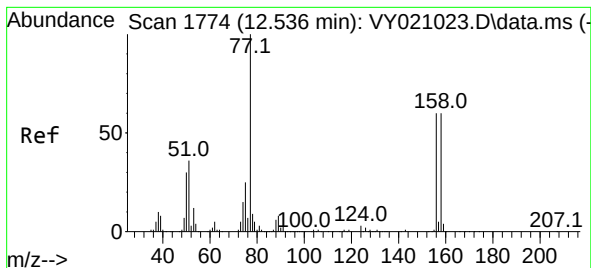
Tgt Ion: 83 Resp: 48509
Ion Ratio Lower Upper
83 100
131 10.9 4.9 14.6
85 64.8 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 47.126 ug/l m
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 75 Resp: 37701
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 43.447 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

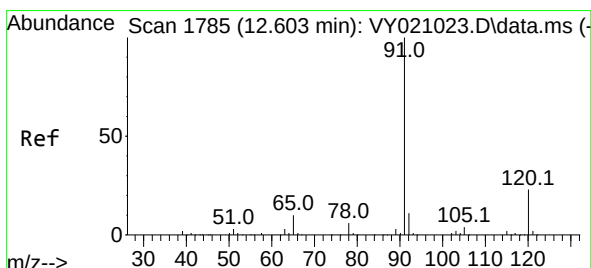
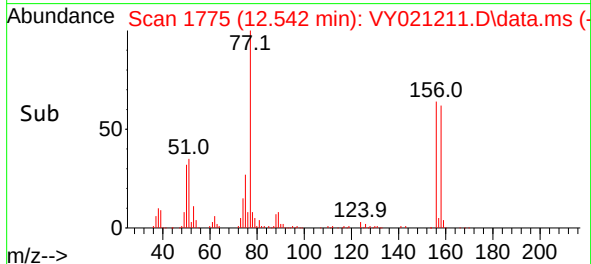
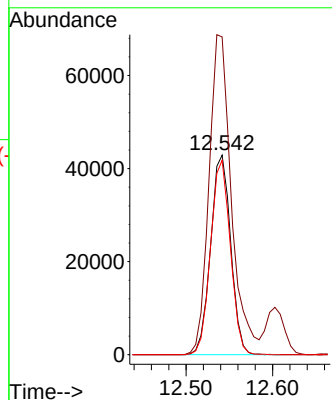
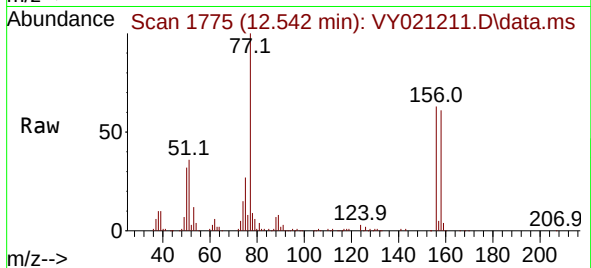
Tgt Ion:156 Resp: 69070

Ion Ratio Lower Upper

156 100

77 179.0 97.3 291.8

158 95.7 48.4 145.0



#78

n-propylbenzene

Concen: 44.342 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY021211.D

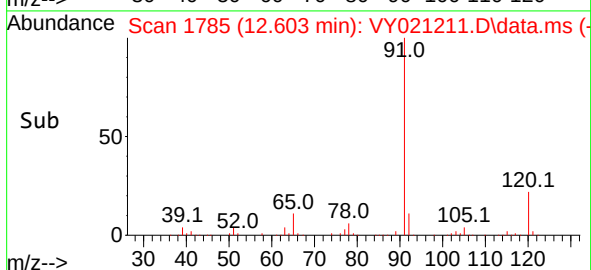
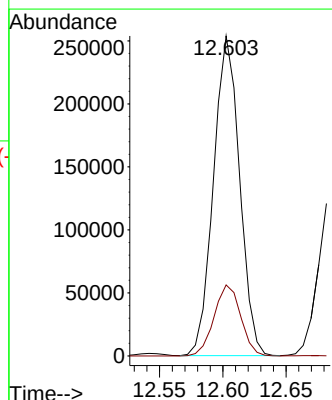
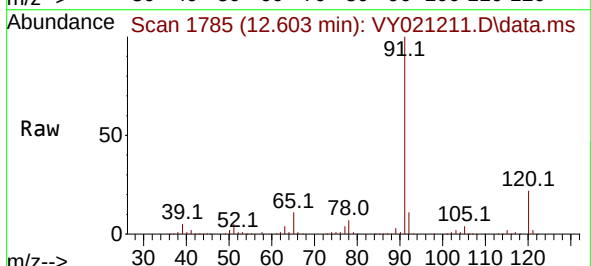
Acq: 14 Feb 2025 16:17

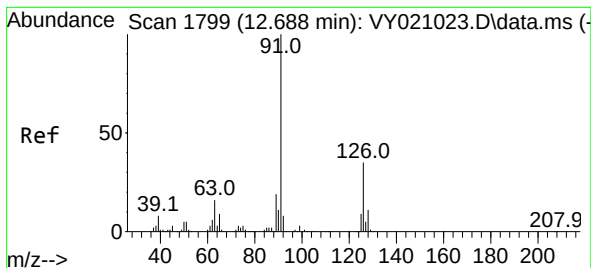
Tgt Ion: 91 Resp: 363893

Ion Ratio Lower Upper

91 100

120 22.7 11.0 33.0

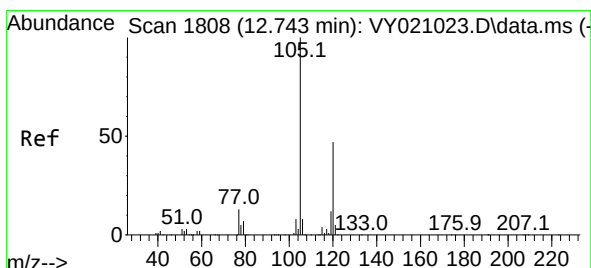
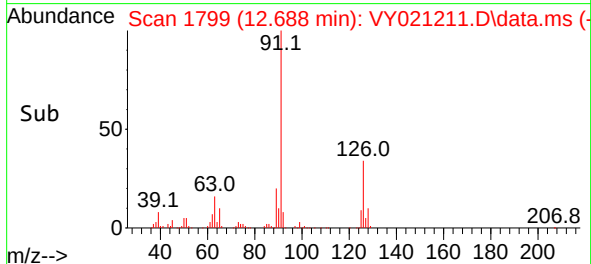
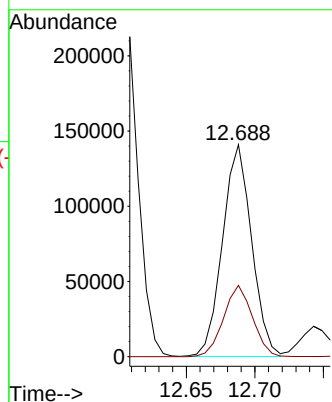
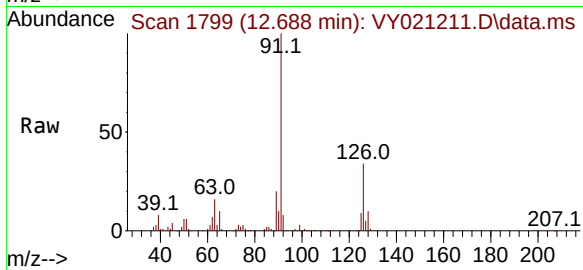




#79
2-Chlorotoluene
Concen: 44.263 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

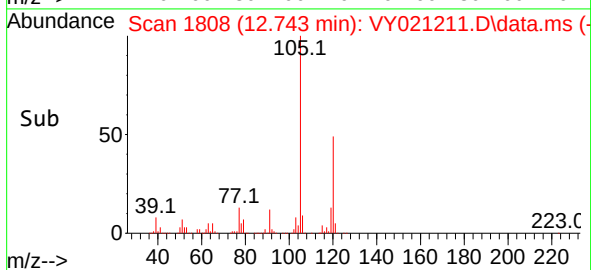
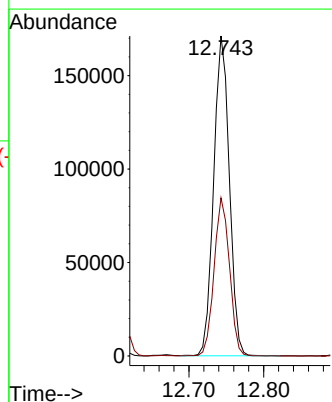
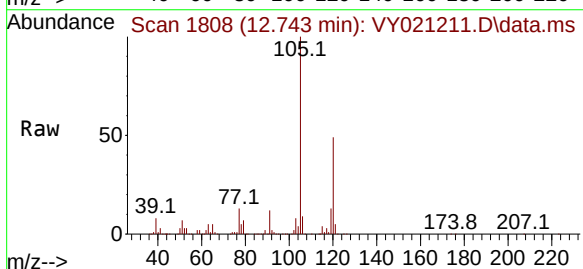
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

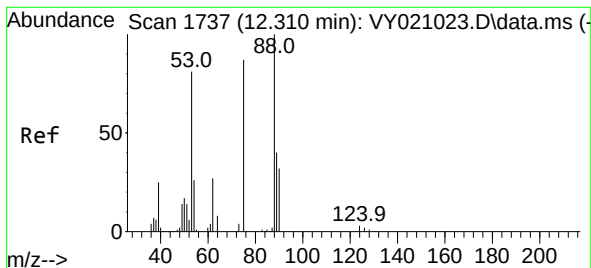
Tgt Ion: 91 Resp: 208043
Ion Ratio Lower Upper
91 100
126 33.5 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 44.624 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion:105 Resp: 249242
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8

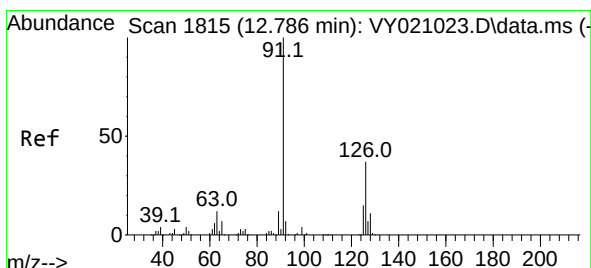
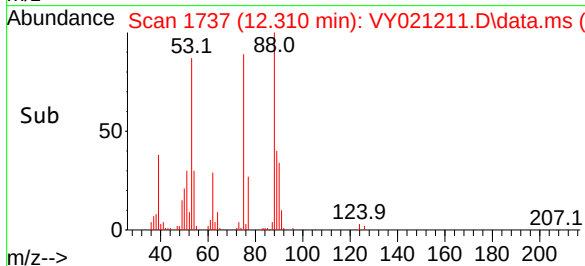
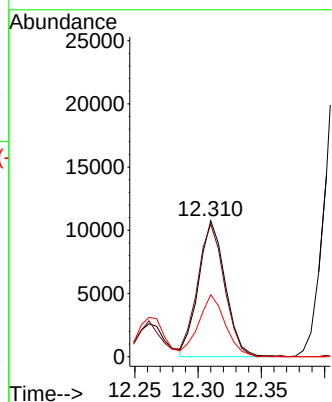
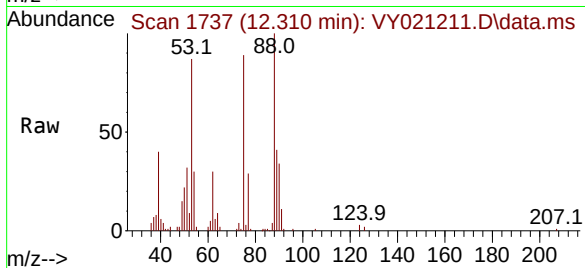




#81
trans-1,4-Dichloro-2-butene
Concen: 40.332 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

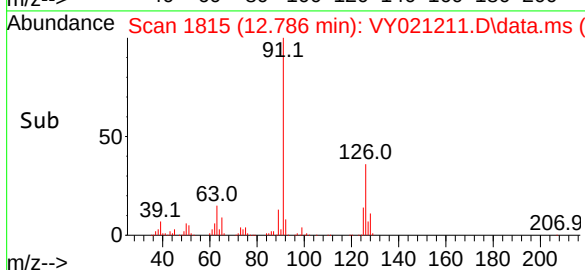
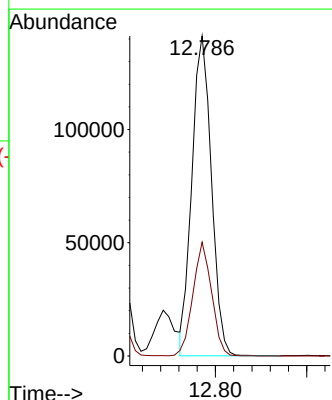
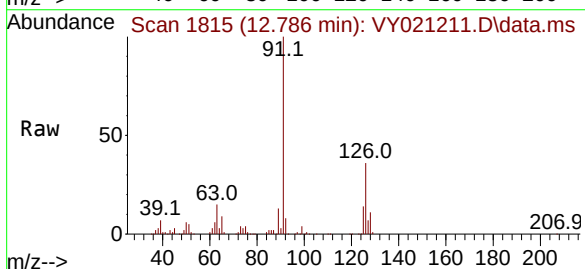
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

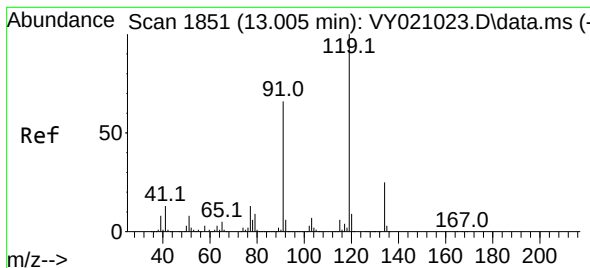
Tgt Ion: 75 Resp: 15813
Ion Ratio Lower Upper
75 100
53 100.0 74.0 111.0
89 45.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 43.735 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 91 Resp: 209441
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2

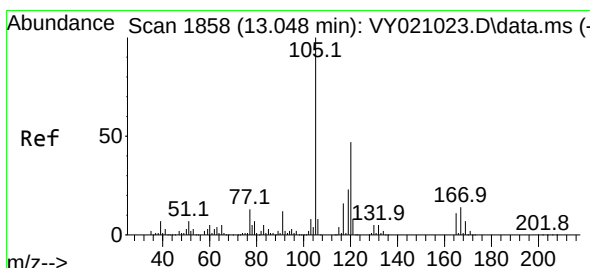
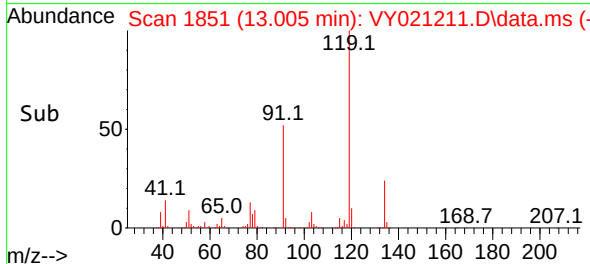
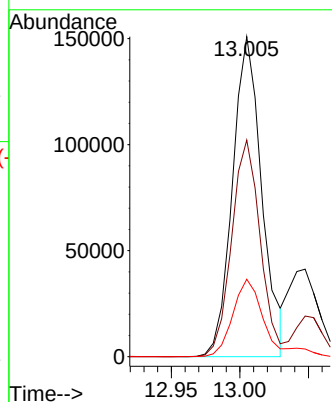
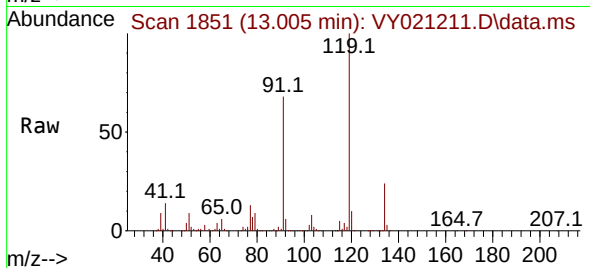




#83
tert-Butylbenzene
Concen: 44.152 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

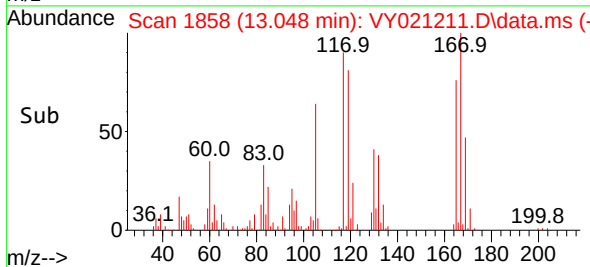
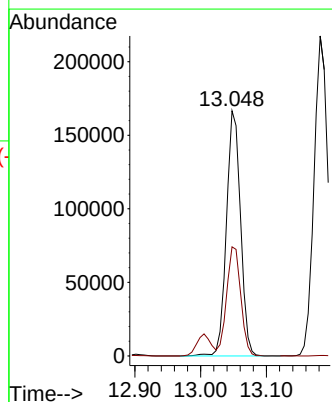
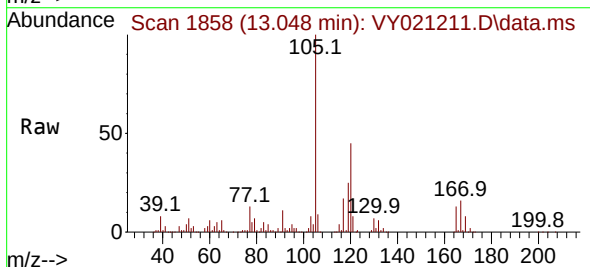
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

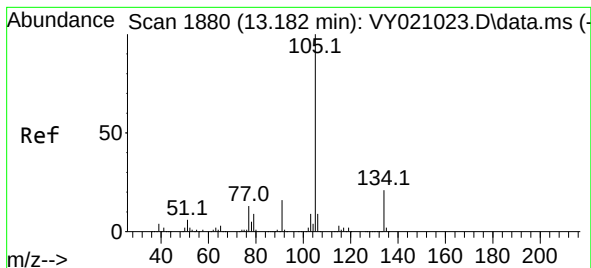
Tgt Ion:119 Resp: 224152
Ion Ratio Lower Upper
119 100
91 66.0 31.5 94.5
134 26.4 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 45.567 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion:105 Resp: 248852
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.3





#85

sec-Butylbenzene

Concen: 44.112 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

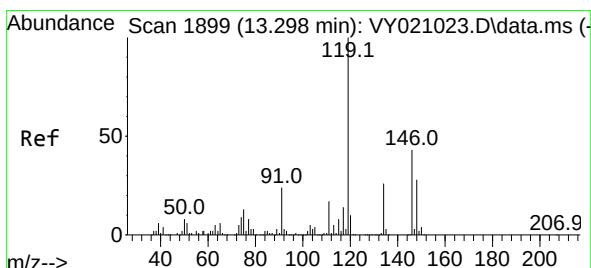
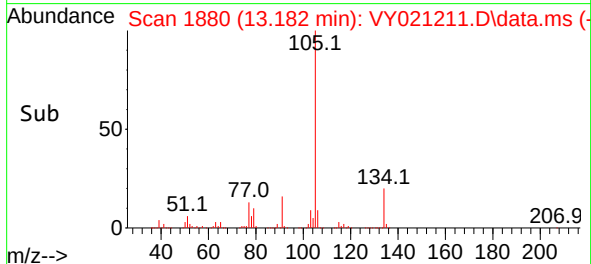
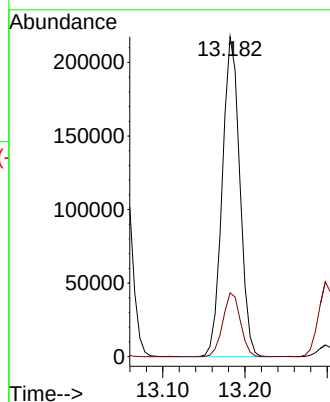
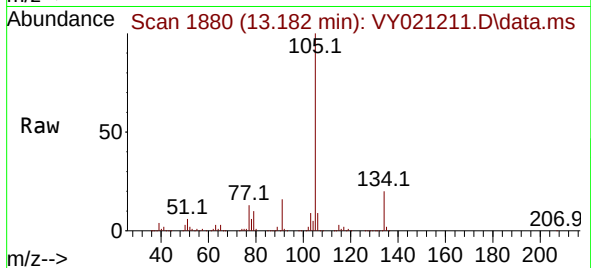
VSTDCCC050EC

Tgt Ion:105 Resp: 322375

Ion Ratio Lower Upper

105 100

134 20.0 9.7 28.9



#86

p-Isopropyltoluene

Concen: 44.984 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

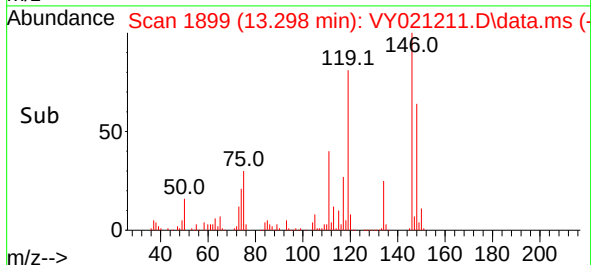
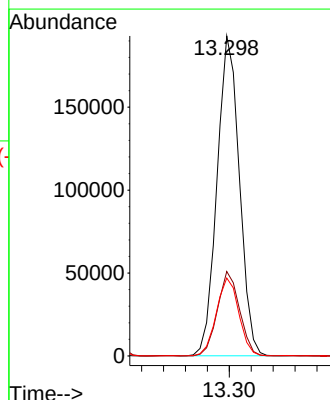
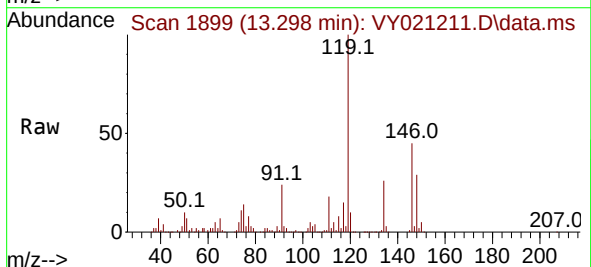
Tgt Ion:119 Resp: 273079

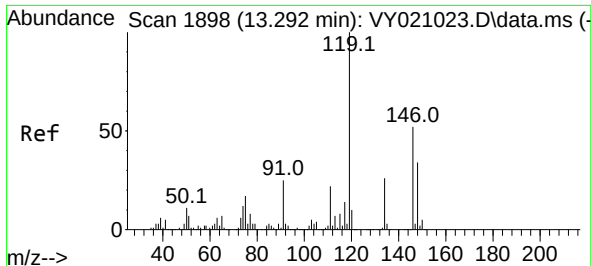
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 24.3 11.7 35.0

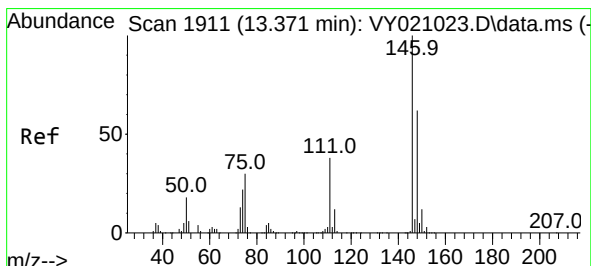
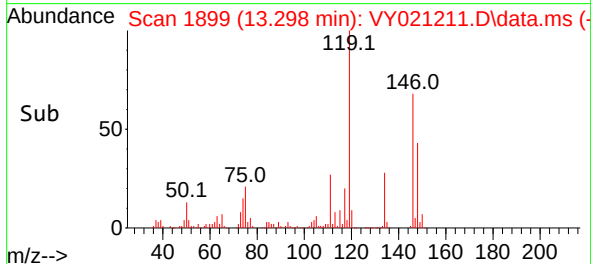
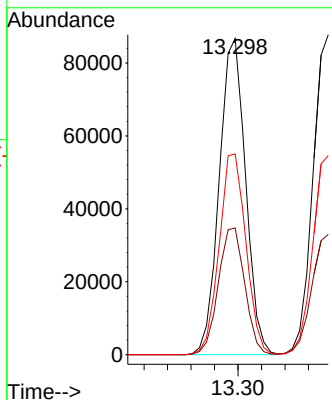
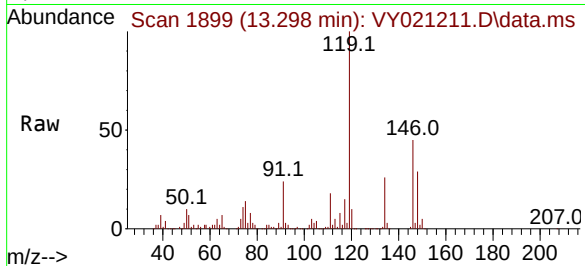




#87
1,3-Dichlorobenzene
Concen: 44.006 ug/l
RT: 13.298 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

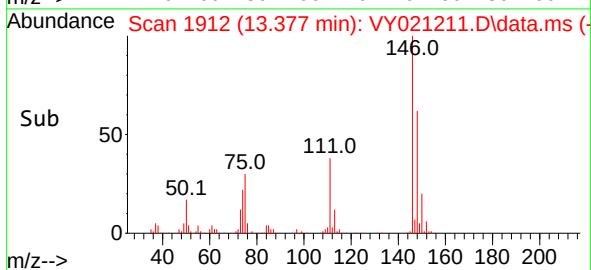
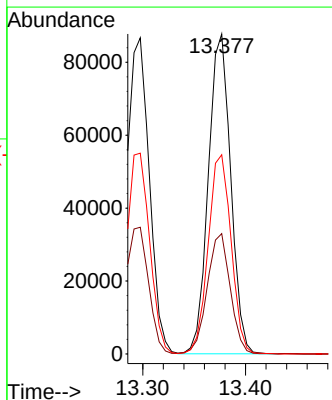
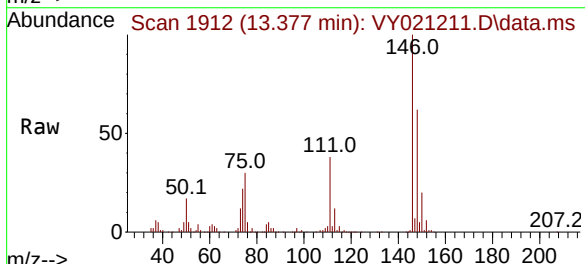
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

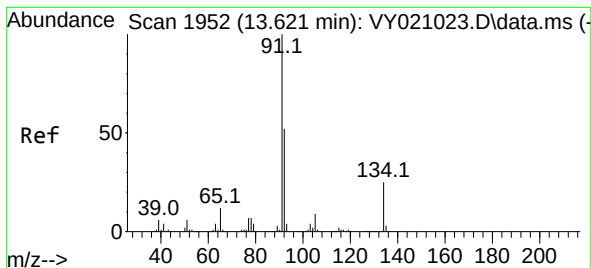
Tgt Ion:146 Resp: 135081
Ion Ratio Lower Upper
146 100
111 40.3 20.2 60.5
148 64.6 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 43.803 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion:146 Resp: 132389
Ion Ratio Lower Upper
146 100
111 38.7 19.3 57.9
148 64.0 31.6 94.7





#89

n-Butylbenzene

Concen: 45.501 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

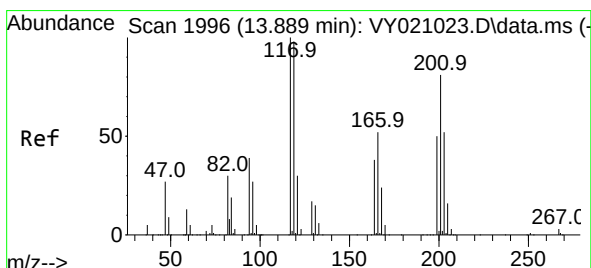
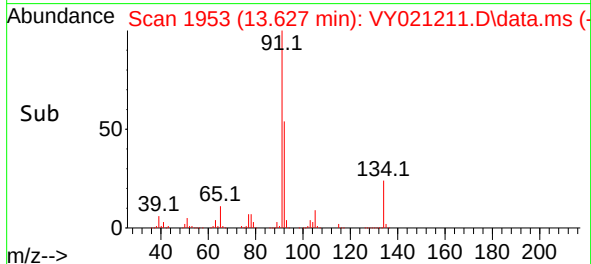
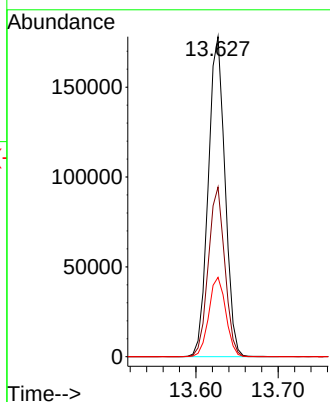
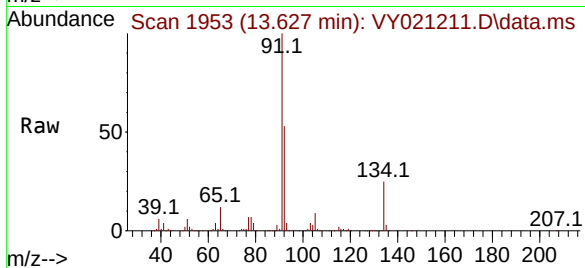
Tgt Ion: 91 Resp: 251987

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.2

134 25.2 12.3 36.8



#90

Hexachloroethane

Concen: 45.375 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY021211.D

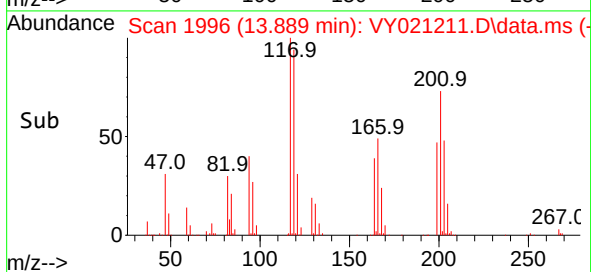
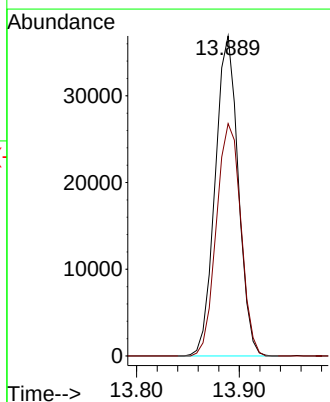
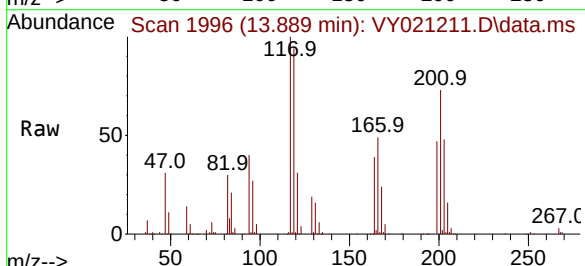
Acq: 14 Feb 2025 16:17

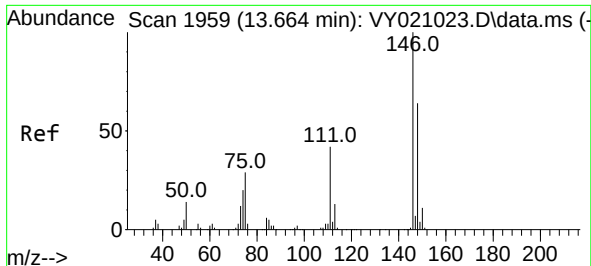
Tgt Ion: 117 Resp: 57464

Ion Ratio Lower Upper

117 100

201 77.0 33.4 100.1

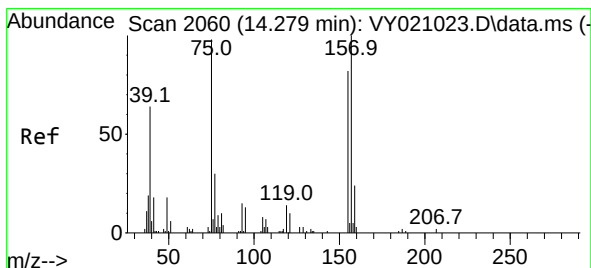
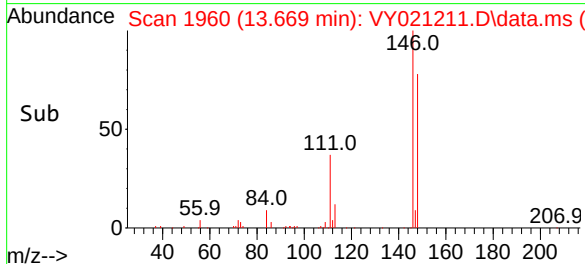
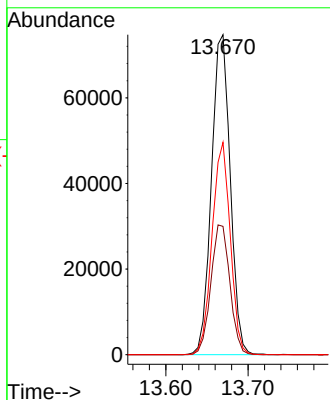
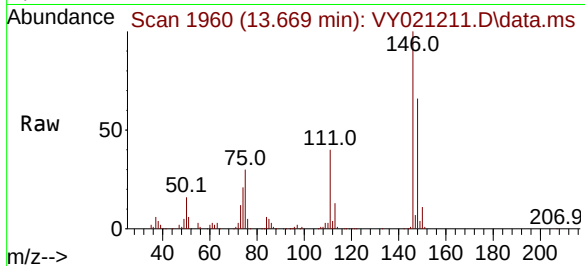




#91
1,2-Dichlorobenzene
Concen: 44.364 ug/l
RT: 13.669 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

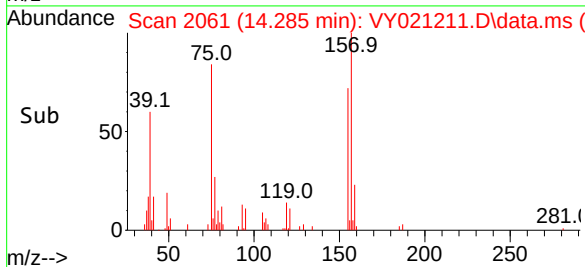
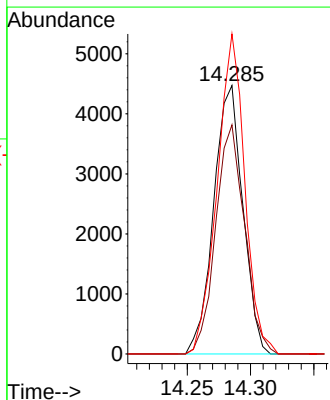
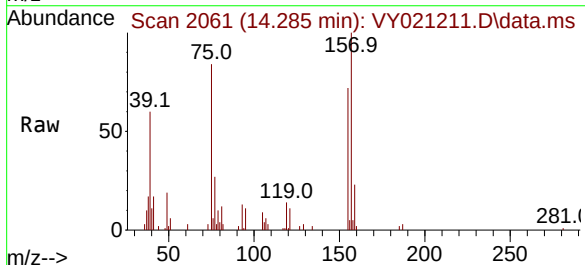
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

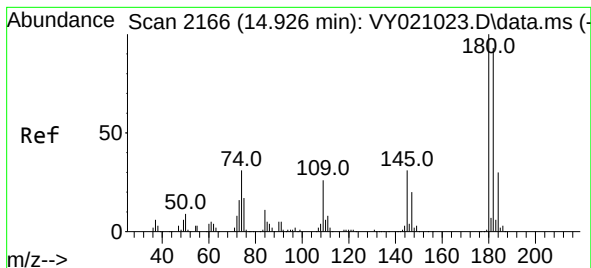
Tgt Ion:146 Resp: 118197
Ion Ratio Lower Upper
146 100
111 41.2 20.5 61.6
148 64.3 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.778 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021211.D
Acq: 14 Feb 2025 16:17

Tgt Ion: 75 Resp: 7153
Ion Ratio Lower Upper
75 100
155 84.8 42.1 126.3
157 113.0 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 46.644 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

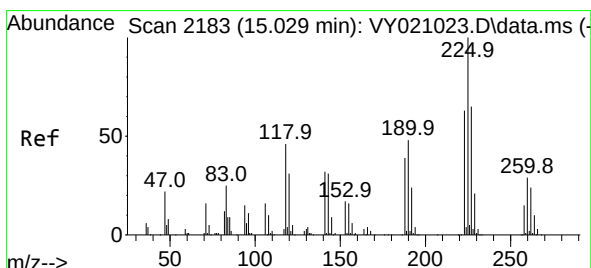
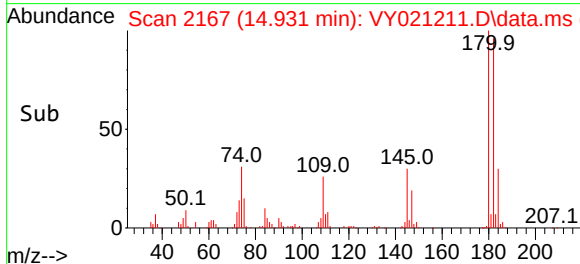
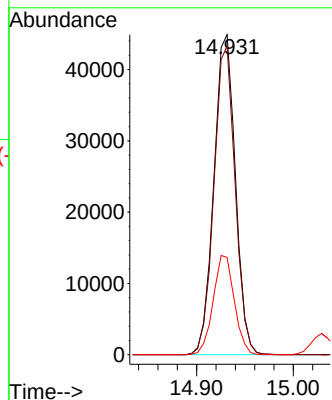
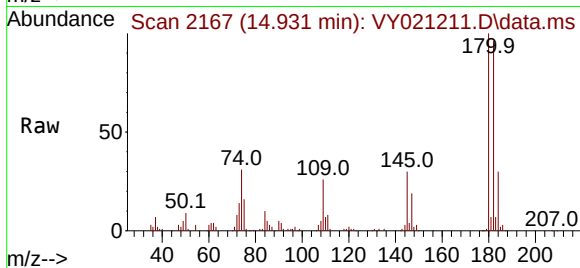
Tgt Ion:180 Resp: 69173

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.7

145 30.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 46.868 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

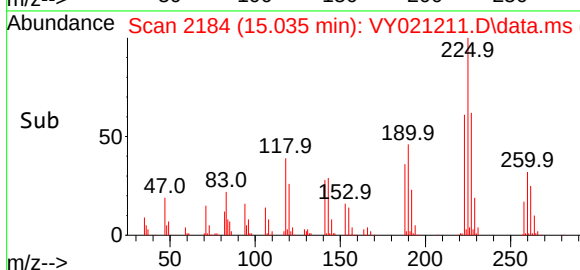
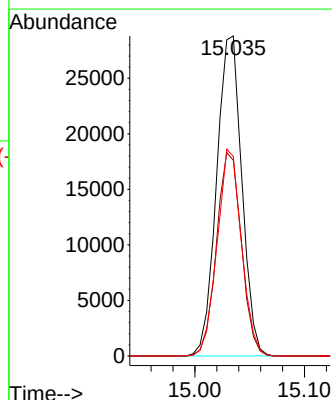
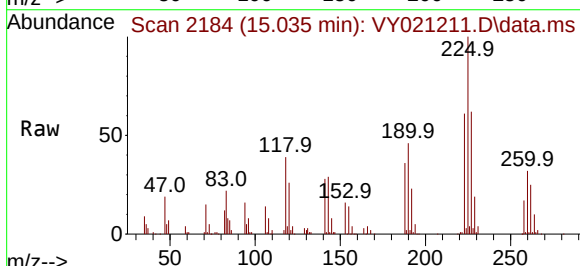
Tgt Ion:225 Resp: 46059

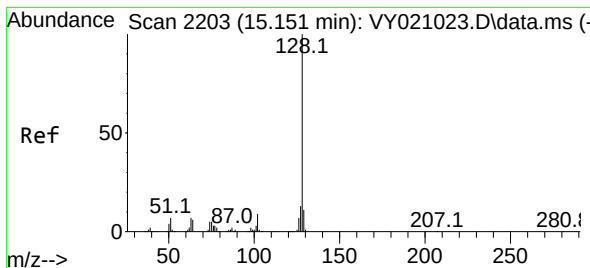
Ion Ratio Lower Upper

225 100

223 62.6 31.4 94.3

227 62.4 32.3 96.8





#95

Naphthalene

Concen: 47.647 ug/l

RT: 15.151 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

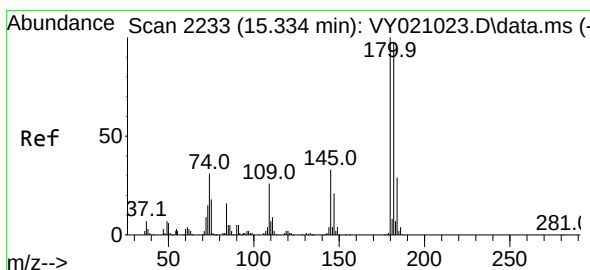
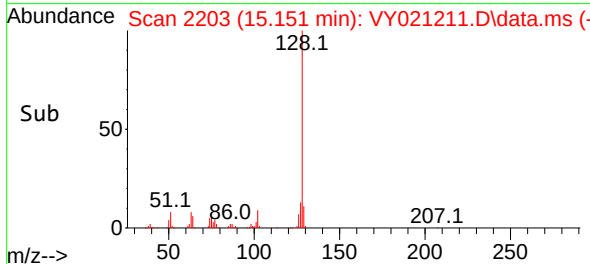
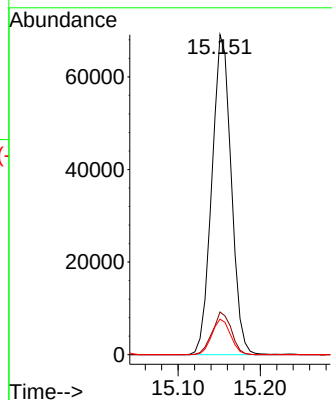
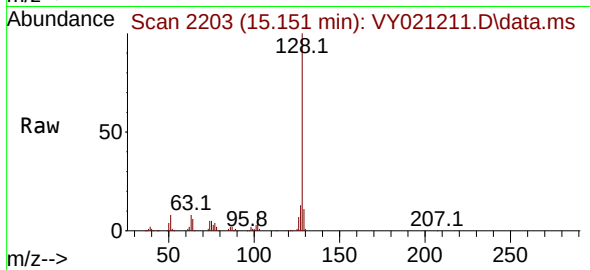
Tgt Ion:128 Resp: 113047

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.303 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021211.D

Acq: 14 Feb 2025 16:17

Tgt Ion:180 Resp: 59613

Ion Ratio Lower Upper

180 100

182 93.5 46.3 138.8

145 31.6 16.1 48.2

