

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
 Data File : VY020778.D
 Acq On : 06 Jan 2025 11:09
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 07 01:05:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 00:58:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	180615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	267580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	224654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	108755	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	158200	103.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 206.100%#	
35) Dibromofluoromethane	7.640	113	164823	98.322	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 196.640%#	
50) Toluene-d8	10.109	98	625449	107.027	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 214.060%#	
62) 4-Bromofluorobenzene	12.408	95	209382	97.025	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 194.040%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	120448	90.869	ug/l	97
3) Chloromethane	2.074	50	64028	91.740	ug/l	98
4) Vinyl Chloride	2.208	62	72586	93.556	ug/l	99
5) Bromomethane	2.598	94	50097	90.656	ug/l	94
6) Chloroethane	2.745	64	46915	98.047	ug/l	93
7) Trichlorofluoromethane	3.068	101	221684	93.096	ug/l	95
8) Diethyl Ether	3.458	74	72904	97.902	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.824	101	148238	92.184	ug/l	99
10) Methyl Iodide	4.013	142	173536	100.700	ug/l	99
11) Tert butyl alcohol	4.872	59	47326	407.978	ug/l	98
12) 1,1-Dichloroethene	3.799	96	135888	96.478	ug/l	95
13) Acrolein	3.659	56	8392	257.608	ug/l	95
14) Allyl chloride	4.391	41	196103	96.506	ug/l	98
15) Acrylonitrile	5.061	53	147296	465.417	ug/l	99
16) Acetone	3.879	43	98885	452.969	ug/l	98
17) Carbon Disulfide	4.116	76	309402	101.260	ug/l	98
18) Methyl Acetate	4.391	43	70127	95.139	ug/l	100
19) Methyl tert-butyl Ether	5.128	73	381034	95.858	ug/l	99
20) Methylene Chloride	4.622	84	142525	94.536	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	147369	95.011	ug/l	98
22) Diisopropyl ether	6.025	45	404751	93.505	ug/l	93
23) Vinyl Acetate	5.970	43	1137872	476.754	ug/l	99
24) 1,1-Dichloroethane	5.921	63	271448	95.048	ug/l	100
25) 2-Butanone	6.903	43	166531	464.391	ug/l	96
26) 2,2-Dichloropropane	6.890	77	275743	92.993	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	185769	94.926	ug/l	100
28) Bromochloromethane	7.256	49	79888	103.666	ug/l	99
29) Tetrahydrofuran	7.268	42	107970	471.332	ug/l	99
30) Chloroform	7.427	83	302029	92.736	ug/l	99
31) Cyclohexane	7.707	56	198784	88.988	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	295395	92.985	ug/l	99
36) 1,1-Dichloropropene	7.841	75	200411	93.729	ug/l	100
37) Ethyl Acetate	6.988	43	78178	91.877	ug/l	98
38) Carbon Tetrachloride	7.823	117	279602	93.940	ug/l	100
39) Methylcyclohexane	9.116	83	247594	94.364	ug/l	99
40) Benzene	8.085	78	616041	93.874	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	48629	99.789	ug/l	99
42) 1,2-Dichloroethane	8.165	62	171698	95.807	ug/l	100
43) Isopropyl Acetate	8.201	43	165322	95.524	ug/l	99
44) Trichloroethene	8.866	130	171305	93.641	ug/l	97
45) 1,2-Dichloropropane	9.146	63	140131	94.192	ug/l	98
46) Dibromomethane	9.237	93	81804	95.756	ug/l	98
47) Bromodichloromethane	9.426	83	230427	94.180	ug/l	99
48) Methyl methacrylate	9.225	41	75242	96.974	ug/l	97
49) 1,4-Dioxane	9.231	88	17506	1930.014	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	408379	472.317	ug/l	100
52) Toluene	10.176	92	408049	93.899	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	211406	97.150	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	241886	95.711	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	111768	91.577	ug/l	97
56) Ethyl methacrylate	10.445	69	155175	100.674	ug/l	98
57) 1,3-Dichloropropane	10.719	76	186590	93.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	298959	488.916	ug/l	99
59) 2-Hexanone	10.762	43	270670	487.957	ug/l	99
60) Dibromochloromethane	10.914	129	167445	94.597	ug/l	99
61) 1,2-Dibromoethane	11.018	107	103278	94.257	ug/l	99
64) Tetrachloroethene	10.652	164	152225	92.163	ug/l	98
65) Chlorobenzene	11.444	112	467277	94.075	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	174286	92.170	ug/l	99
67) Ethyl Benzene	11.524	91	820001	95.353	ug/l	99
68) m/p-Xylenes	11.633	106	618911	186.927	ug/l	100
69) o-Xylene	11.957	106	294466	93.799	ug/l	99
70) Styrene	11.975	104	502662	95.120	ug/l	99
71) Bromoform	12.133	173	100126	93.146	ug/l #	100
73) Isopropylbenzene	12.255	105	805873	93.405	ug/l	100
74) N-amyl acetate	12.072	43	141862	100.520	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	120344	92.030	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	160413	166.632	ug/l #	100
77) Bromobenzene	12.536	156	188612	94.819	ug/l	99
78) n-propylbenzene	12.597	91	920359	93.982	ug/l	100
79) 2-Chlorotoluene	12.682	91	530633	94.094	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	658696	94.206	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	42699	94.613	ug/l	98
82) 4-Chlorotoluene	12.780	91	536070	92.111	ug/l	99
83) tert-Butylbenzene	12.999	119	602840	92.183	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	642123	94.043	ug/l	99
85) sec-Butylbenzene	13.182	105	847104	92.737	ug/l	100
86) p-Isopropyltoluene	13.298	119	729634	93.635	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	358174	92.670	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	348638	91.636	ug/l	100
89) n-Butylbenzene	13.621	91	646727	95.666	ug/l	100
90) Hexachloroethane	13.883	117	146467	93.608	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	312780	92.555	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	20287	95.948	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	202094	103.913	ug/l	100
94) Hexachlorobutadiene	15.029	225	137361	100.186	ug/l	98
95) Naphthalene	15.151	128	345567	107.959	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	169472	104.009	ug/l	98

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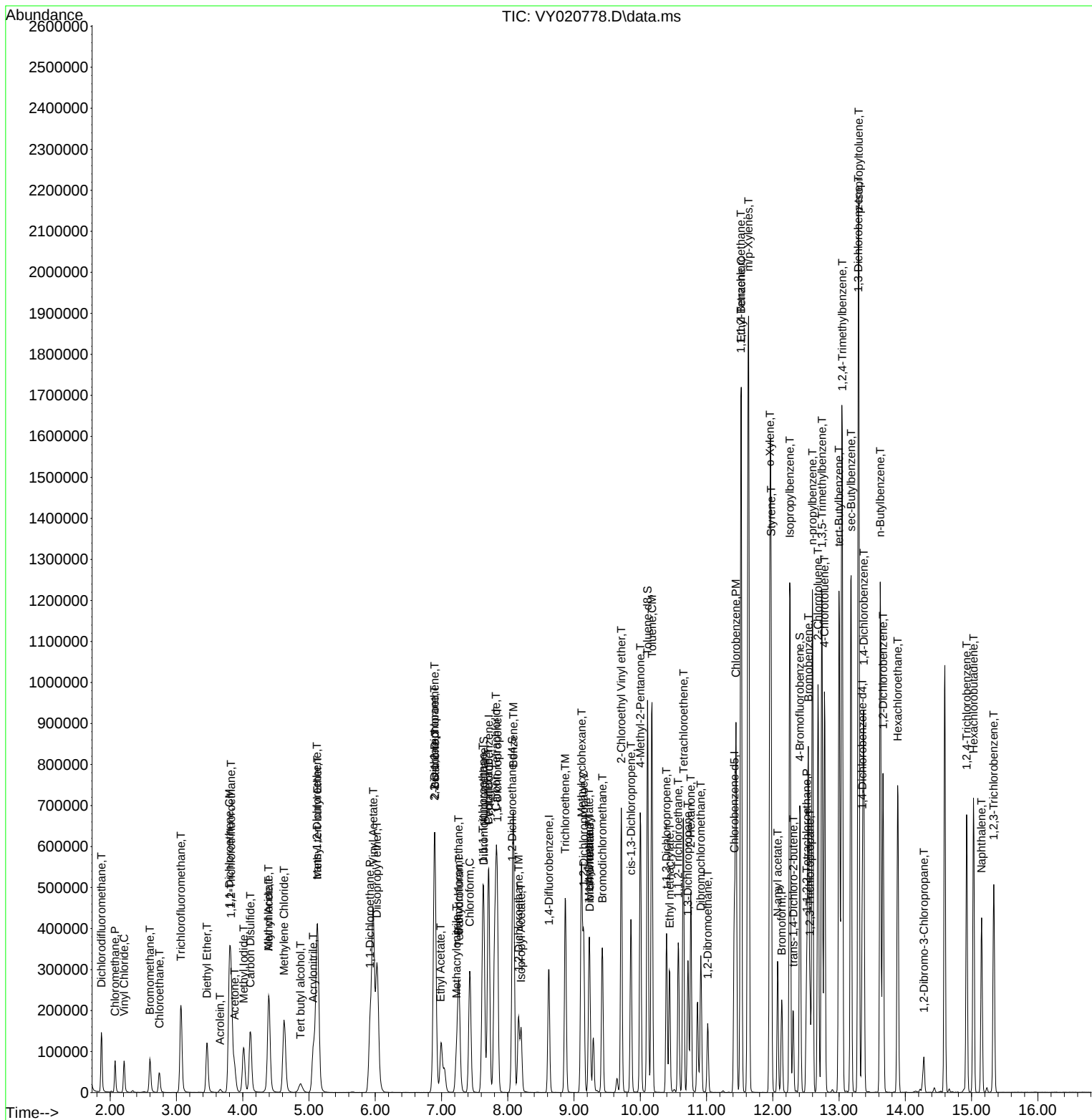
Instrument :
MSVOA_Y
ClientSampleId :

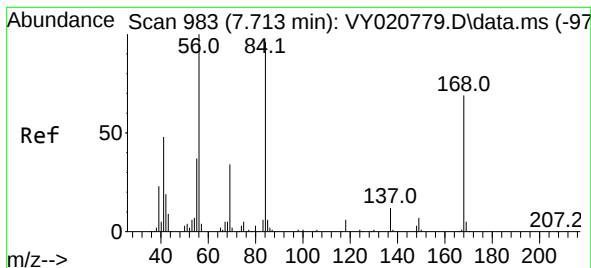
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Quant Title : SW846 8260
QLast Update : Tue Jan 07 00:58:55 2025
Response via : Initial Calibration

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: 7.713 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY020778.D

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Instrument :

MSVOA_Y

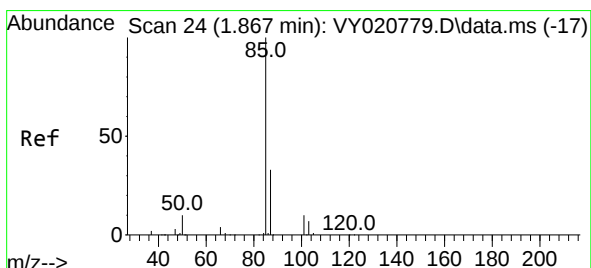
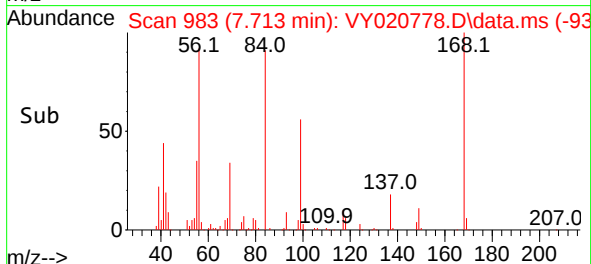
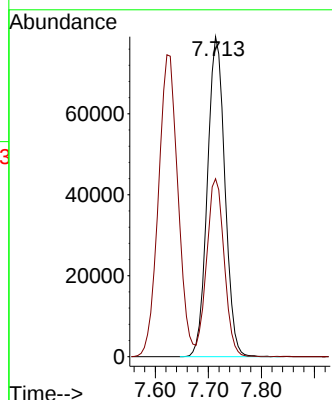
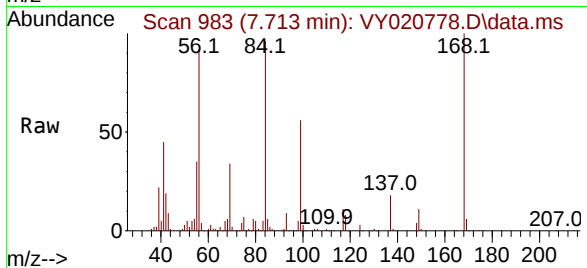
ClientSampleId :

Tgt Ion:168 Resp: 180615

Ion Ratio Lower Upper

168 100

99 55.5 44.3 66.5



#2

Dichlorodifluoromethane

Concen: 90.869 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY020778.D

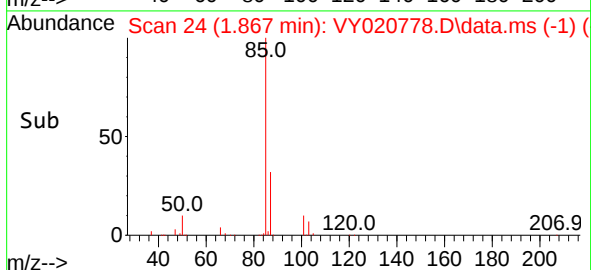
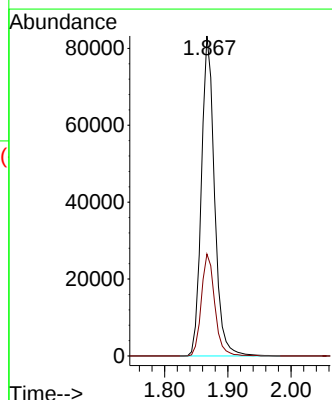
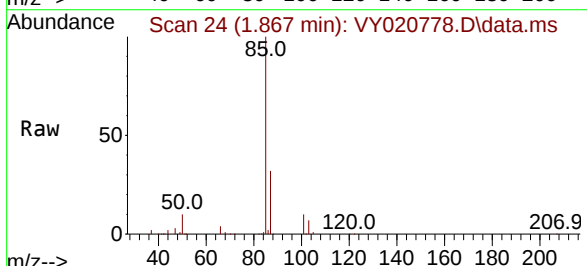
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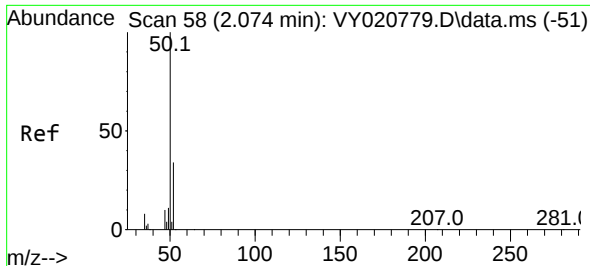
Tgt Ion: 85 Resp: 120448

Ion Ratio Lower Upper

85 100

87 31.9 16.9 50.6

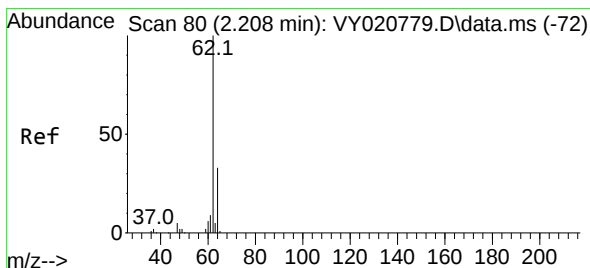
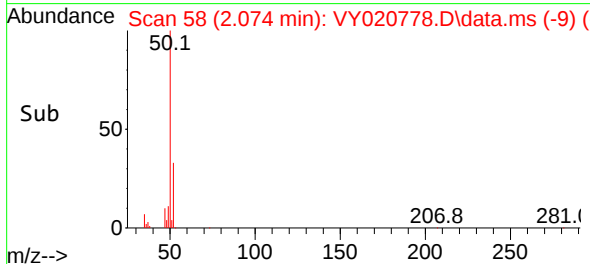
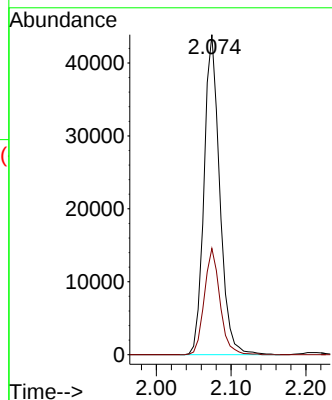
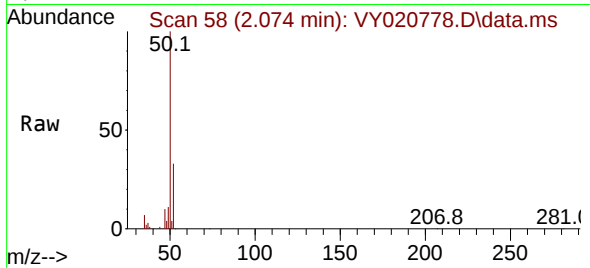




#3
Chloromethane
Concen: 91.740 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

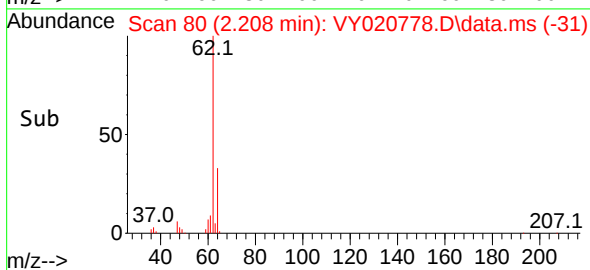
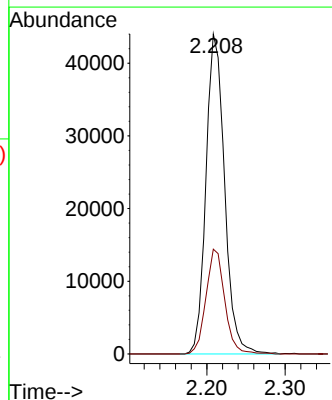
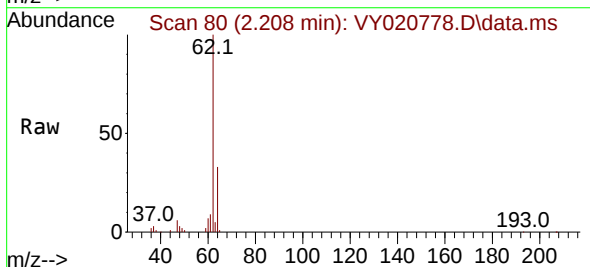
Instrument :
MSVOA_Y
ClientSampleId :

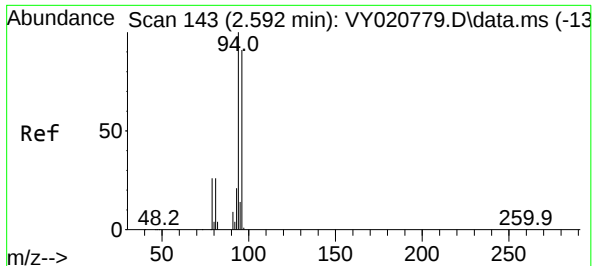
Tgt Ion: 50 Resp: 64028
Ion Ratio Lower Upper
50 100
52 33.2 27.3 40.9



#4
Vinyl Chloride
Concen: 93.556 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Tgt Ion: 62 Resp: 72586
Ion Ratio Lower Upper
62 100
64 32.8 26.6 39.8

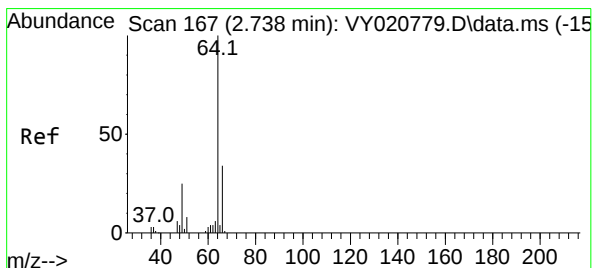
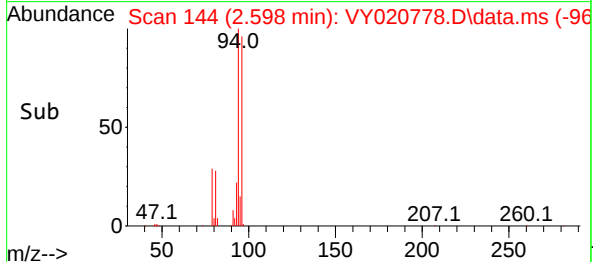
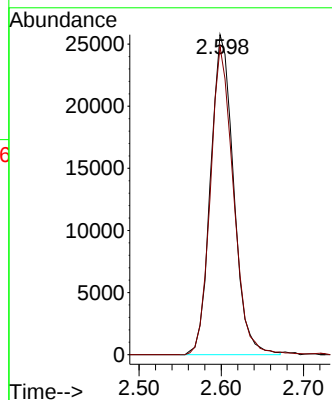
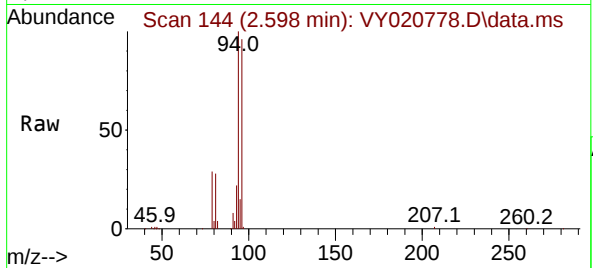




#5
Bromomethane
Concen: 90.656 ug/l
RT: 2.598 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

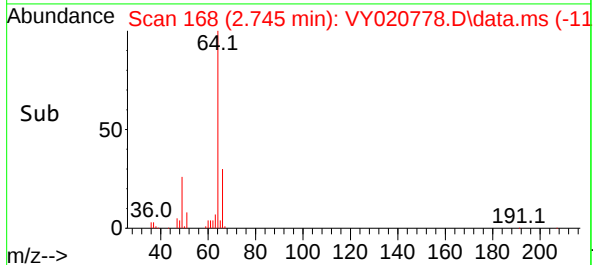
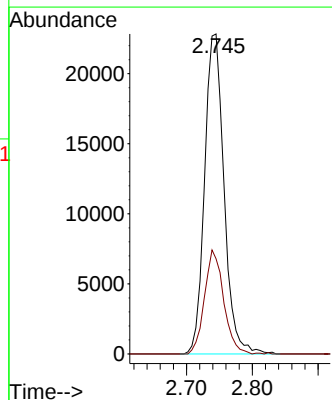
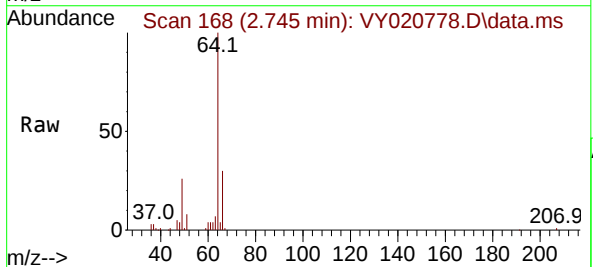
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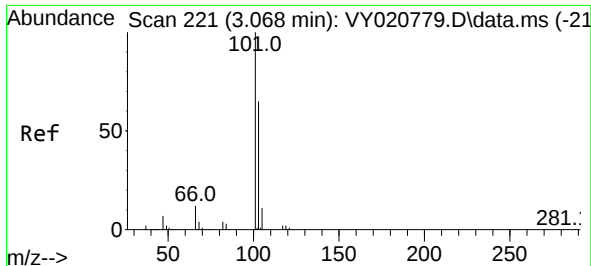
Tgt Ion: 94 Resp: 50097
Ion Ratio Lower Upper
94 100
96 96.3 72.6 109.0



#6
Chloroethane
Concen: 98.047 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Tgt Ion: 64 Resp: 46915
Ion Ratio Lower Upper
64 100
66 29.7 26.9 40.3

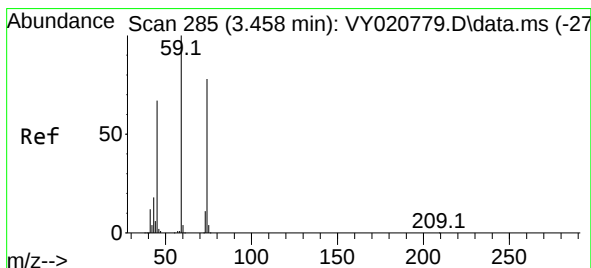
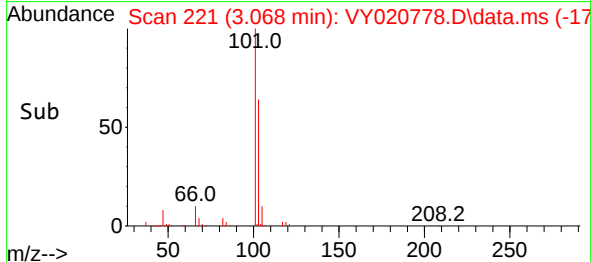
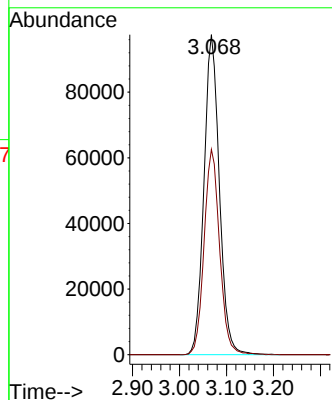
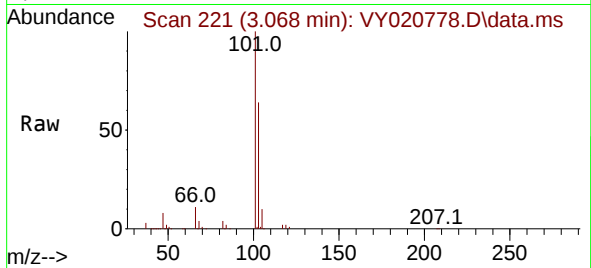




#7
Trichlorofluoromethane
Concen: 93.096 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

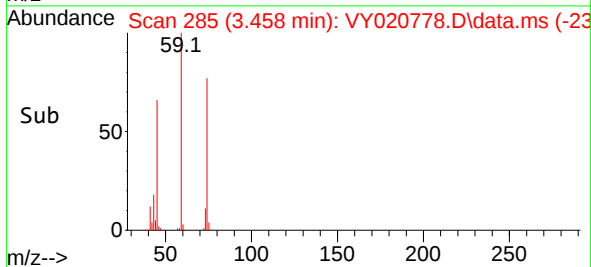
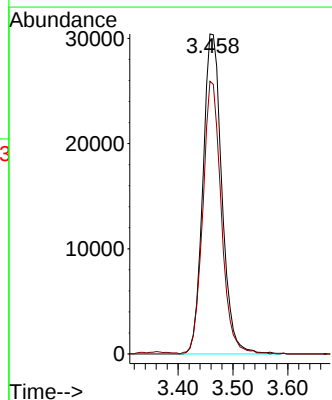
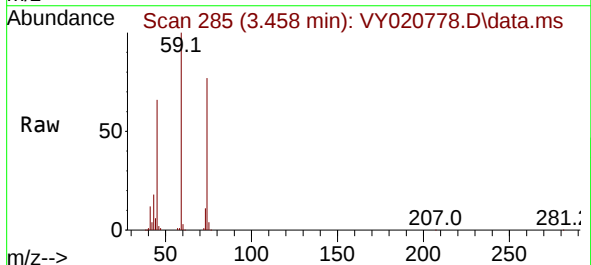
Instrument :
MSVOA_Y
ClientSampleId :

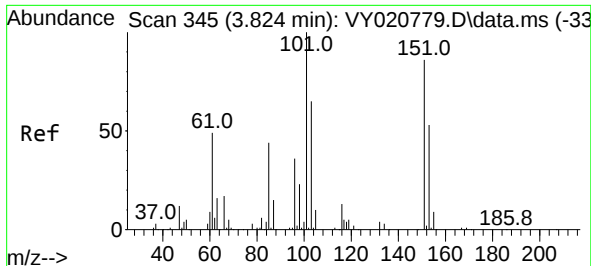
Tgt Ion:101 Resp: 221684
Ion Ratio Lower Upper
101 100
103 64.2 54.6 82.0



#8
Diethyl Ether
Concen: 97.902 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY020778.D
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Tgt Ion: 74 Resp: 72904
Ion Ratio Lower Upper
74 100
45 83.0 41.3 124.1

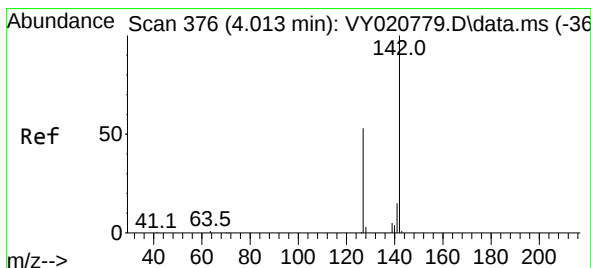
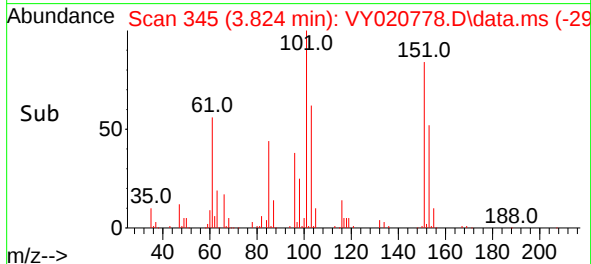
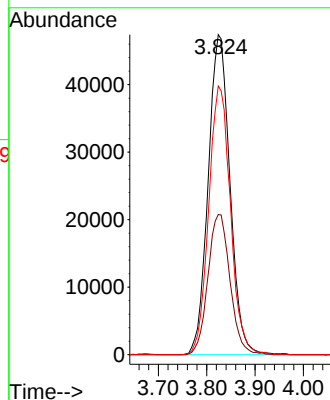
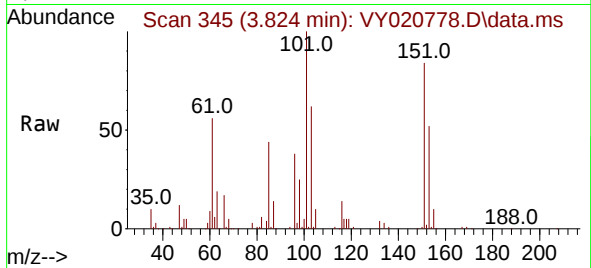




#9
1,1,2-Trichlorotrifluoroethane
Concen: 92.184 ug/l
RT: 3.824 min Scan# 345
Delta R.T. -0.006 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

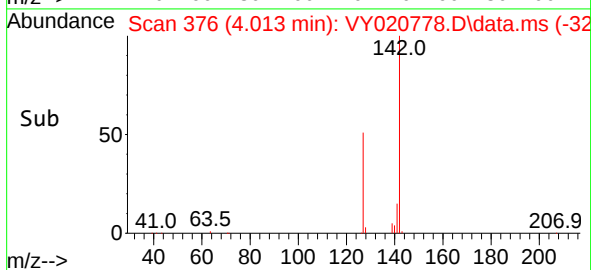
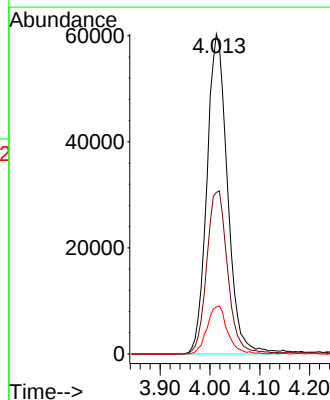
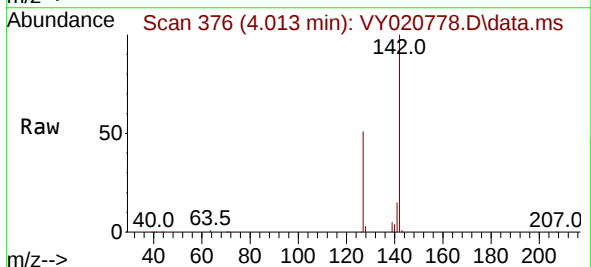
Instrument :
MSVOA_Y
ClientSampleId :

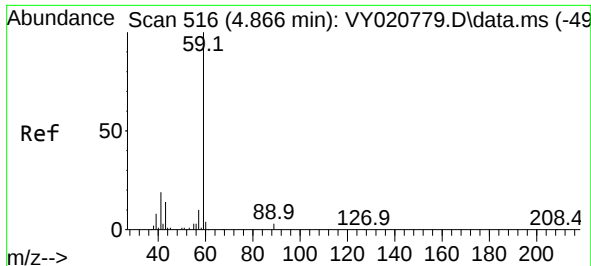
Tgt Ion:101 Resp: 148238
Ion Ratio Lower Upper
101 100
85 44.4 35.9 53.9
151 83.9 66.9 100.3



#10
Methyl Iodide
Concen: 100.700 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Tgt Ion:142 Resp: 173536
Ion Ratio Lower Upper
142 100
127 51.8 41.0 61.6
141 14.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 407.978 ug/l

RT: 4.872 min Scan# 516

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Instrument :

MSVOA_Y

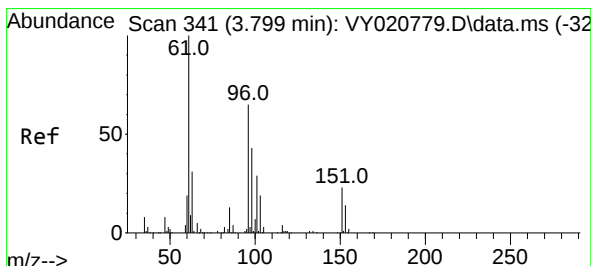
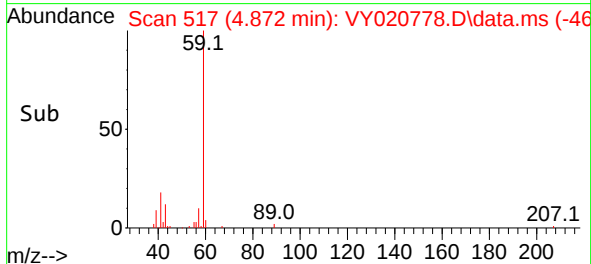
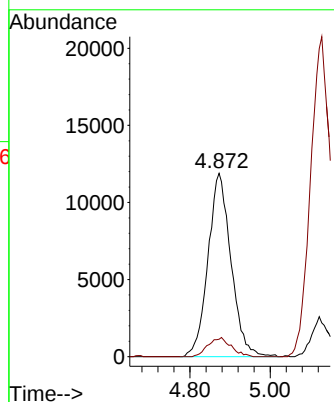
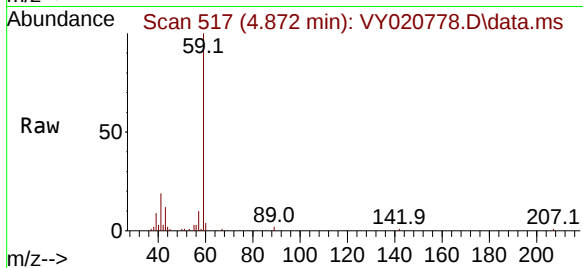
ClientSampleId :

Tgt Ion: 59 Resp: 47326

Ion Ratio Lower Upper

59 100

57 10.4 7.8 11.8



#12

1,1-Dichloroethene

Concen: 96.478 ug/l

RT: 3.799 min Scan# 341

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

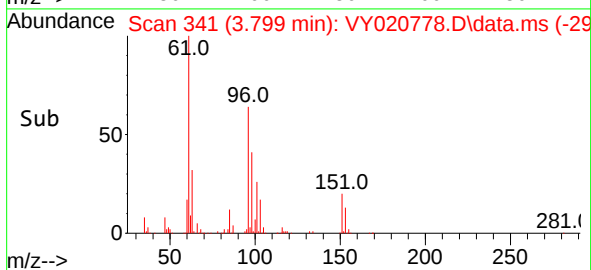
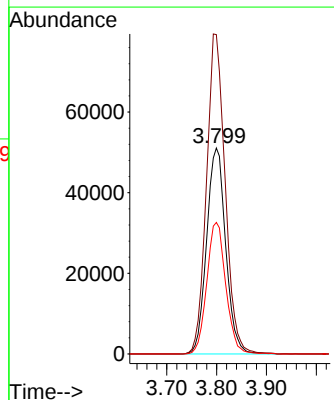
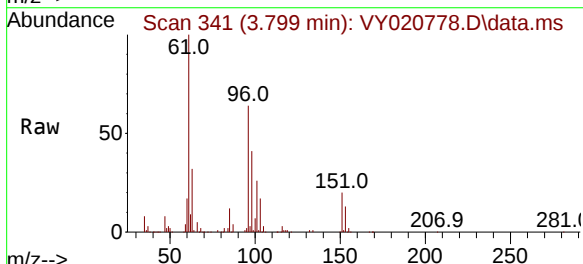
Tgt Ion: 96 Resp: 135888

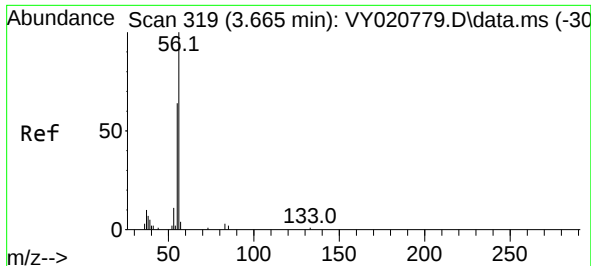
Ion Ratio Lower Upper

96 100

61 155.1 117.8 176.8

98 63.8 51.9 77.9

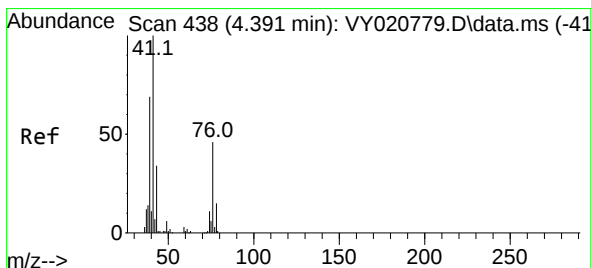
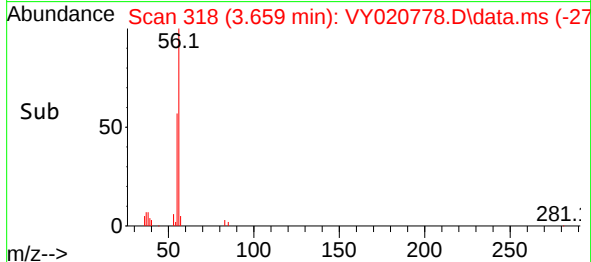
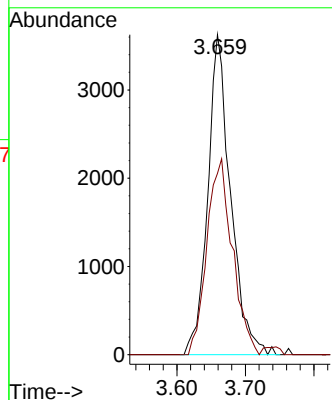
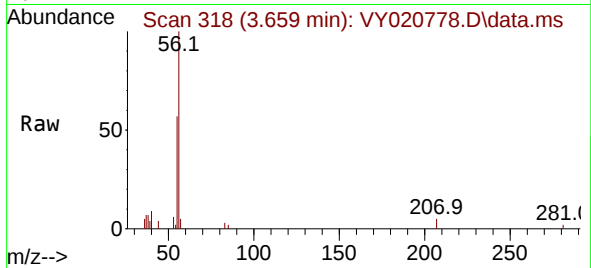




#13
Acrolein
Concen: 257.608 ug/l
RT: 3.659 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

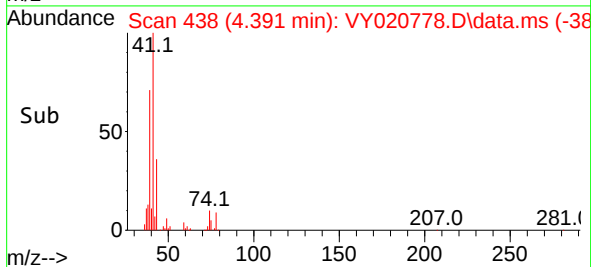
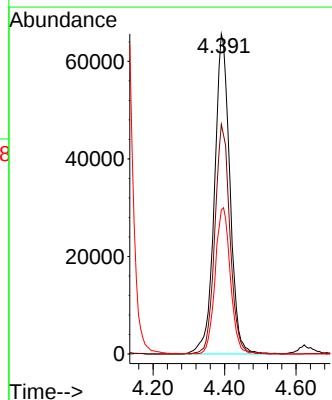
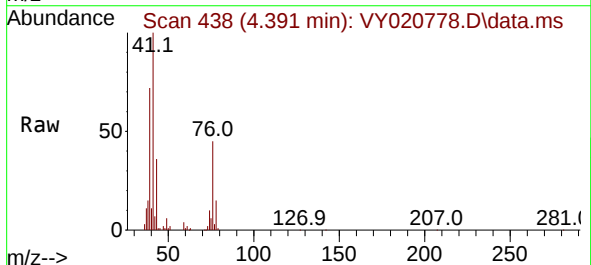
Instrument :
MSVOA_Y
ClientSampleId :

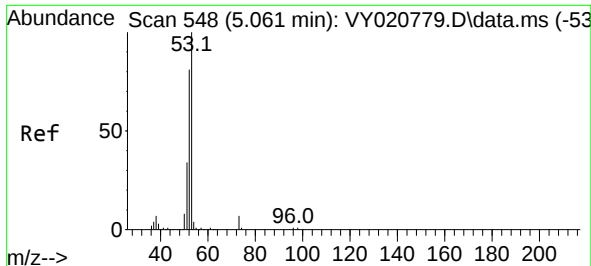
Tgt Ion: 56 Resp: 8392
Ion Ratio Lower Upper
56 100
55 68.5 58.1 87.1



#14
Allyl chloride
Concen: 96.506 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

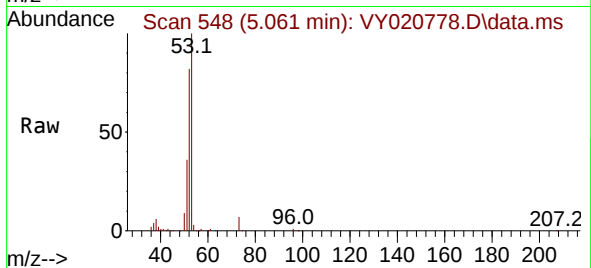
Tgt Ion: 41 Resp: 196103
Ion Ratio Lower Upper
41 100
39 70.0 57.5 86.3
76 44.8 35.6 53.4



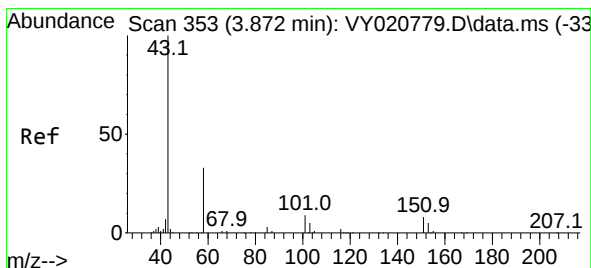
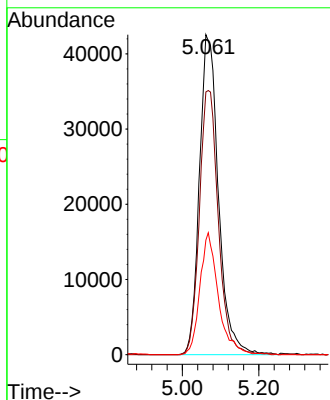
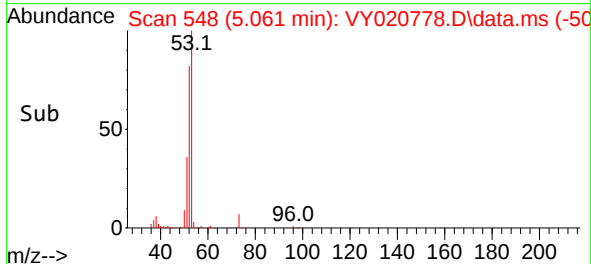


#15
Acrylonitrile
Concen: 465.417 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

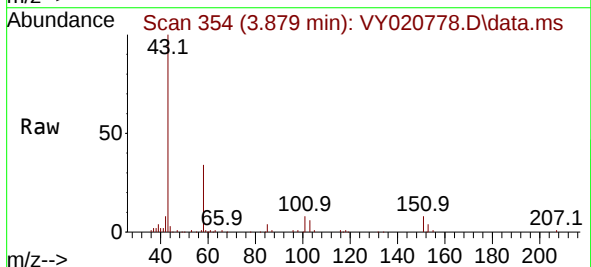
Instrument :
MSVOA_Y
ClientSampleId :



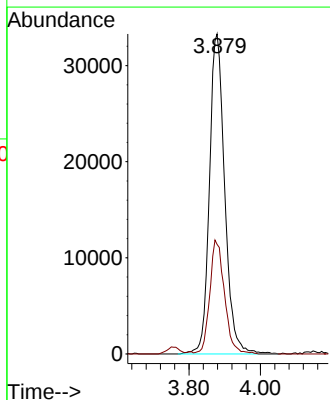
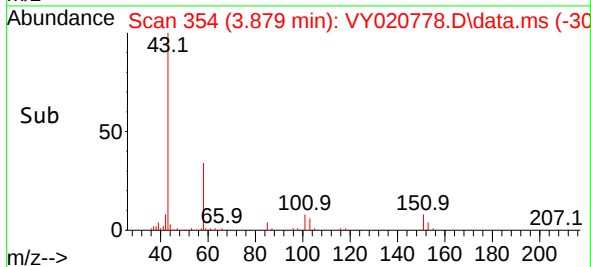
Tgt Ion: 53 Resp: 147296
Ion Ratio Lower Upper
53 100
52 81.8 64.3 96.5
51 36.7 29.3 43.9

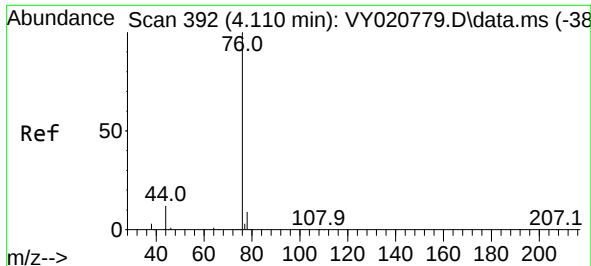


#16
Acetone
Concen: 452.969 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09



Tgt Ion: 43 Resp: 98885
Ion Ratio Lower Upper
43 100
58 34.3 26.7 40.1

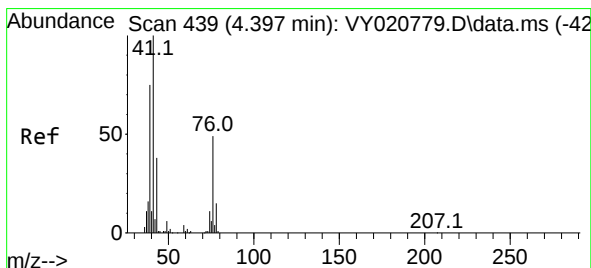
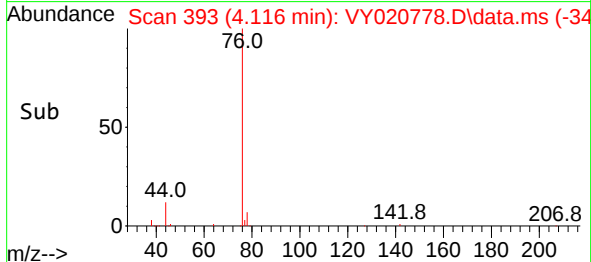
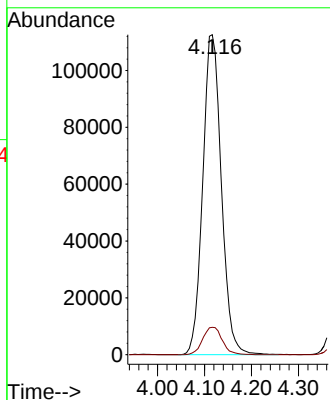
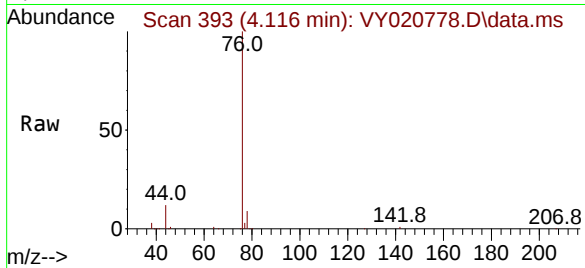




#17
Carbon Disulfide
Concen: 101.260 ug/l
RT: 4.116 min Scan# 392
Delta R.T. -0.006 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

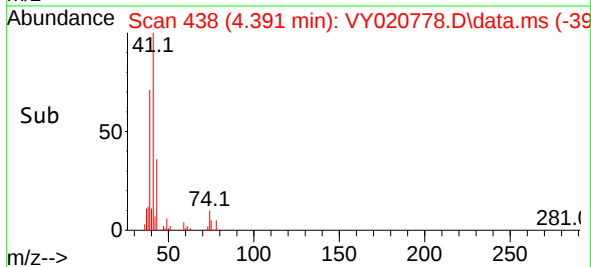
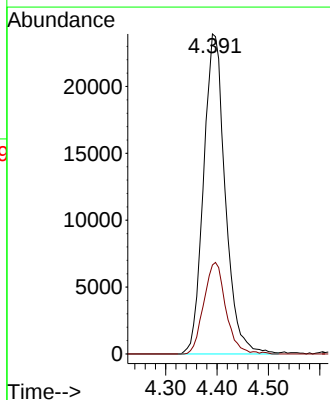
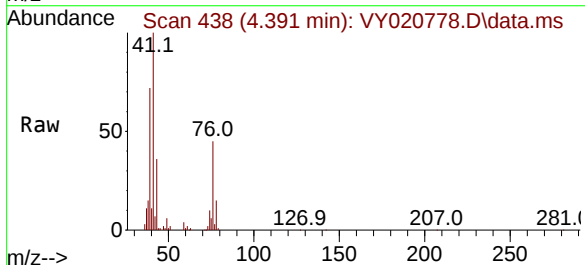
Instrument :
MSVOA_Y
ClientSampleId :

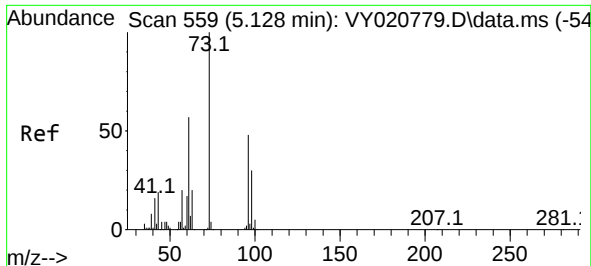
Tgt Ion: 76 Resp: 309402
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 95.139 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Tgt Ion: 43 Resp: 70127
Ion Ratio Lower Upper
43 100
74 28.9 23.0 34.6





#19

Methyl tert-butyl Ether

Concen: 95.858 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Instrument :

MSVOA_Y

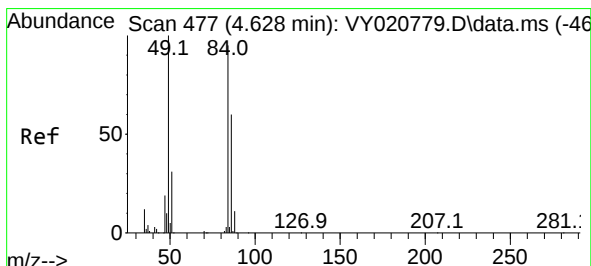
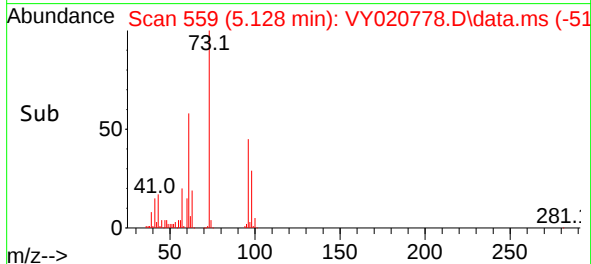
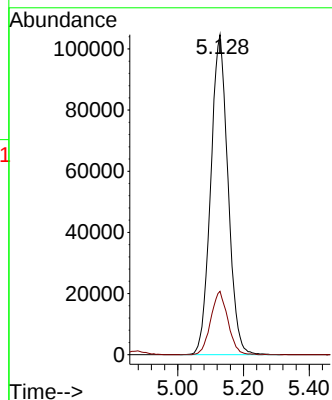
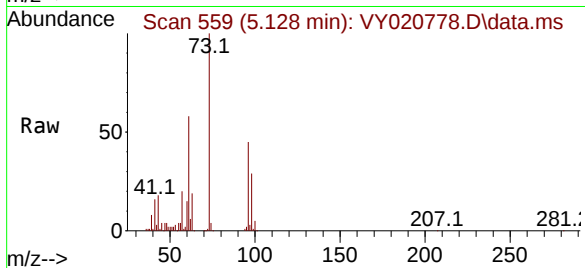
ClientSampleId :

Tgt Ion: 73 Resp: 381034

Ion Ratio Lower Upper

73 100

57 19.8 16.4 24.6



#20

Methylene Chloride

Concen: 94.536 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.006 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Tgt Ion: 84 Resp: 142525

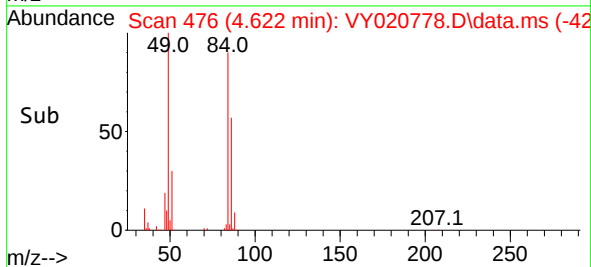
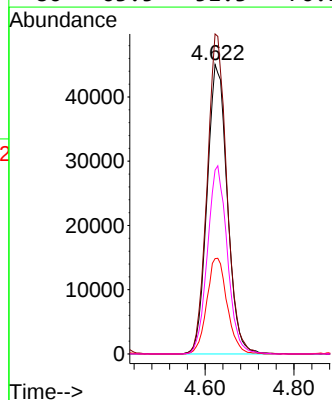
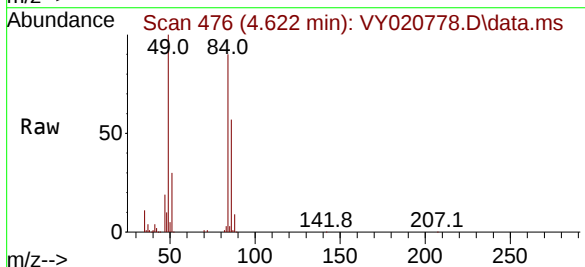
Ion Ratio Lower Upper

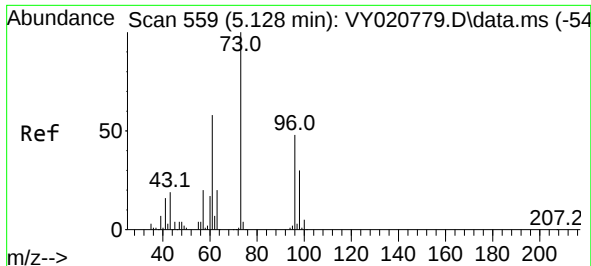
84 100

49 110.6 86.7 130.1

51 33.0 28.4 42.6

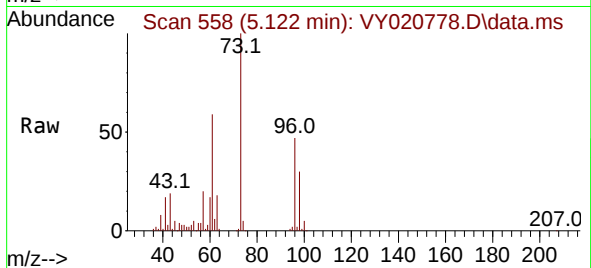
86 63.5 51.3 76.9



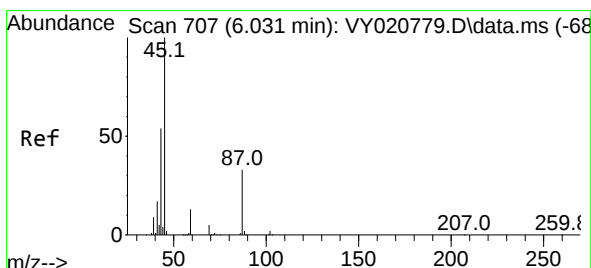
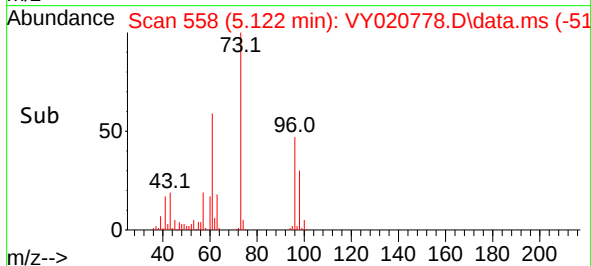
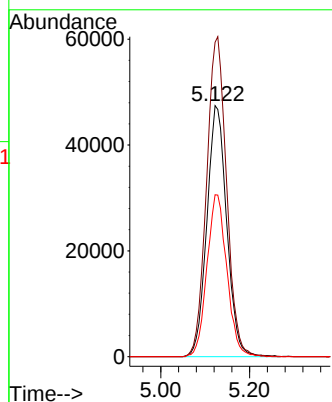


#21
trans-1,2-Dichloroethene
Concen: 95.011 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Instrument :
MSVOA_Y
ClientSampleId :

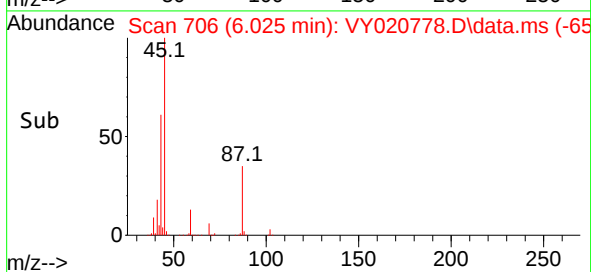
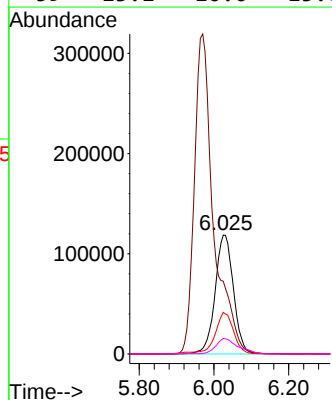
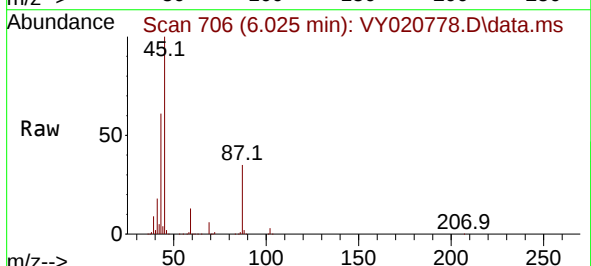


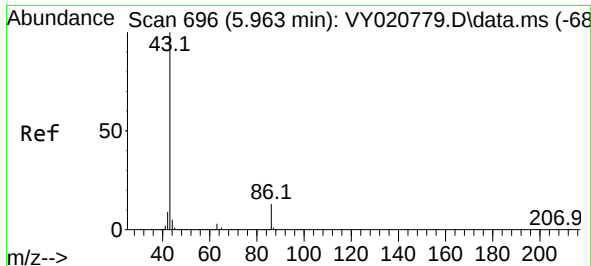
Tgt Ion: 96 Resp: 147369
Ion Ratio Lower Upper
96 100
61 125.3 101.6 152.4
98 64.5 49.4 74.2



#22
Diisopropyl ether
Concen: 93.505 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Tgt Ion: 45 Resp: 404751
Ion Ratio Lower Upper
45 100
43 61.0 43.9 65.9
87 35.0 25.3 37.9
59 13.1 10.0 15.0

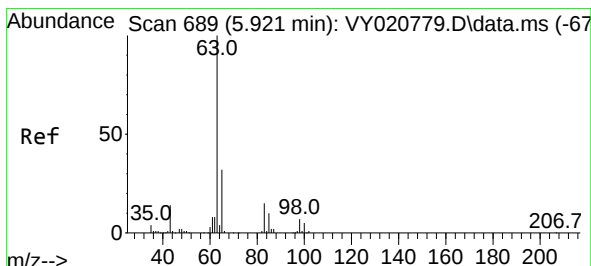
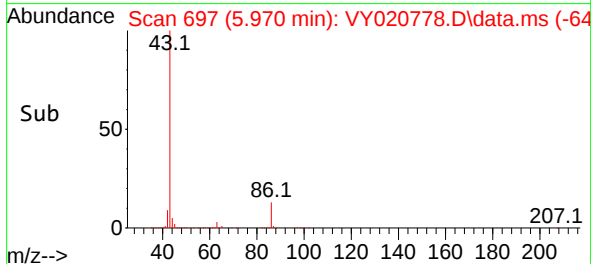
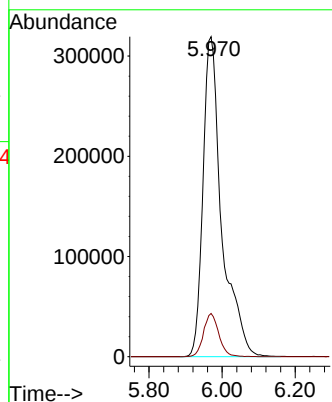
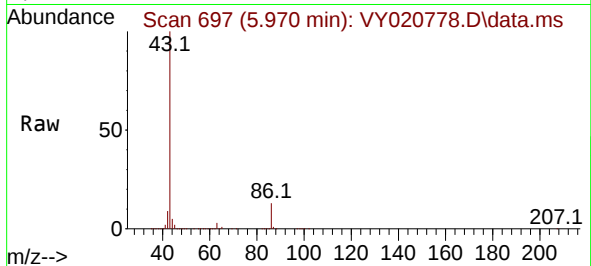




#23
 Vinyl Acetate
 Concen: 476.754 ug/l
 RT: 5.970 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020778.D
 Acq: 06 Jan 2025 11:09

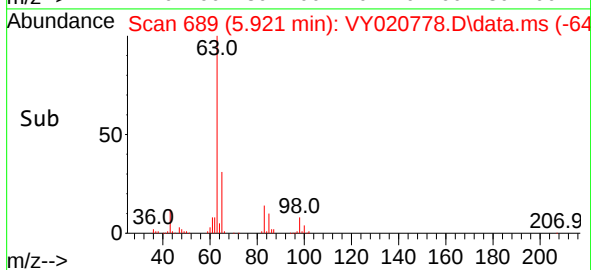
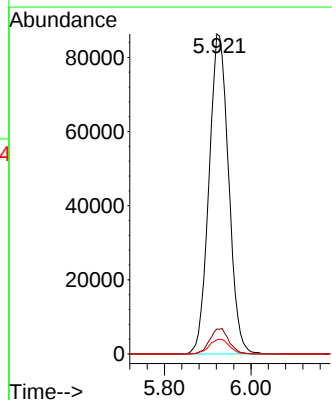
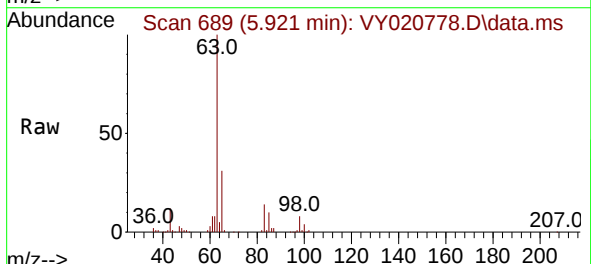
Instrument :
 MSVOA_Y
 ClientSampleId :

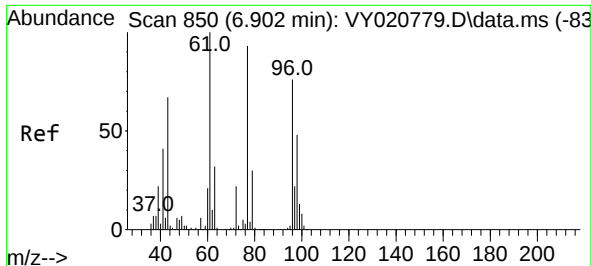
Tgt Ion: 43 Resp: 1137872
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 95.048 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY020778.D
 Acq: 06 Jan 2025 11:09

Tgt Ion: 63 Resp: 271448
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.4 2.4 7.2





#25

2-Butanone

Concen: 464.391 ug/l

RT: 6.903 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Instrument :

MSVOA_Y

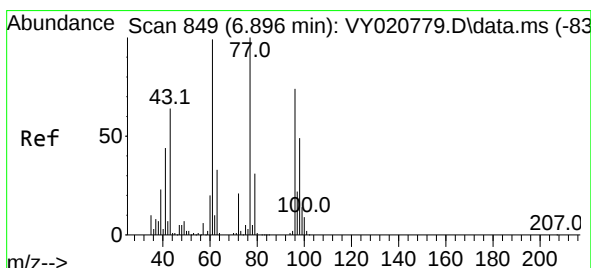
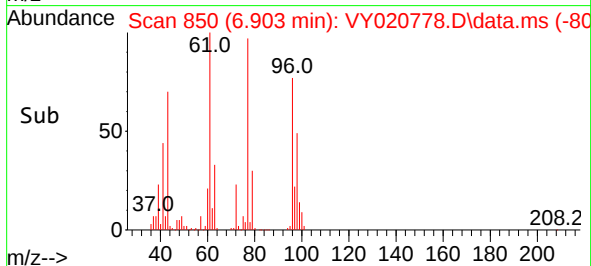
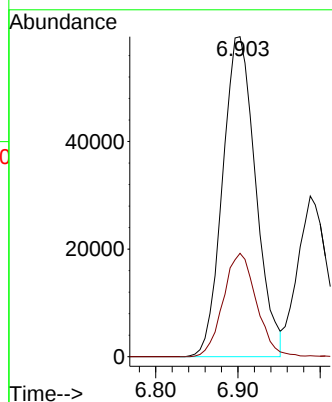
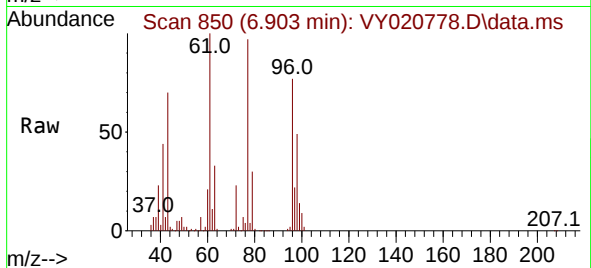
ClientSampleId :

Tgt Ion: 43 Resp: 166531

Ion Ratio Lower Upper

43 100

72 32.3 24.0 36.0



#26

2,2-Dichloropropane

Concen: 92.993 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY020778.D

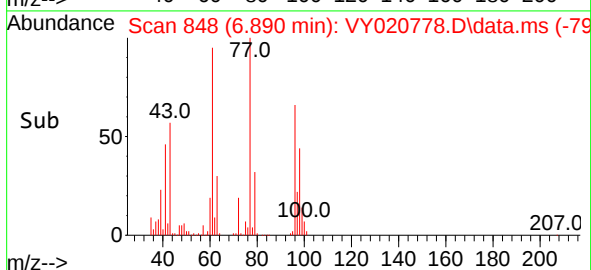
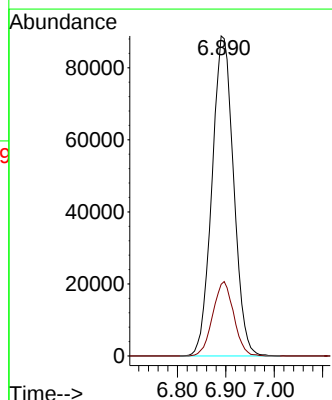
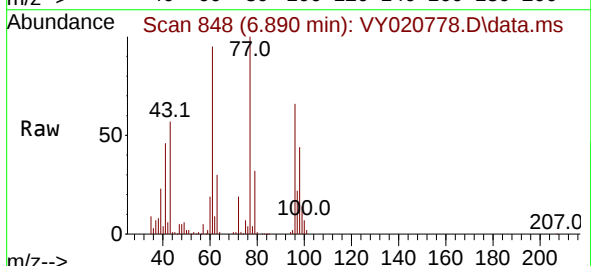
Acq: 06 Jan 2025 11:09

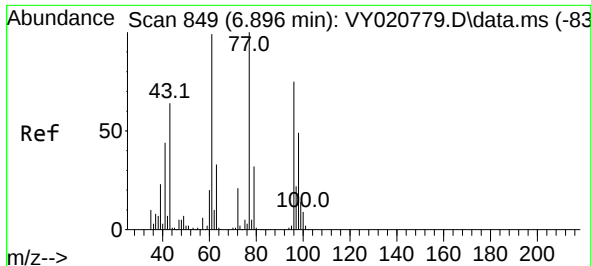
Tgt Ion: 77 Resp: 275743

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 94.926 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

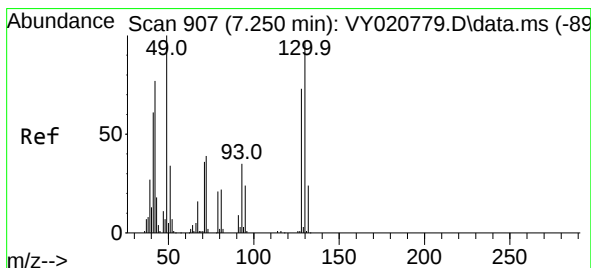
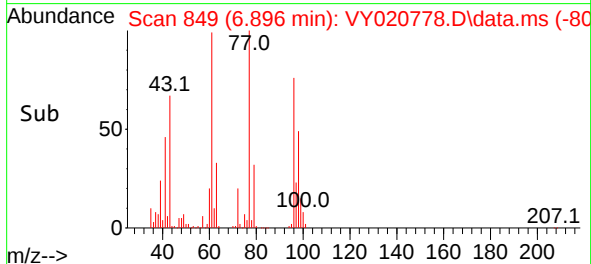
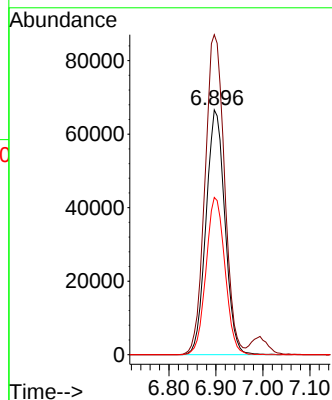
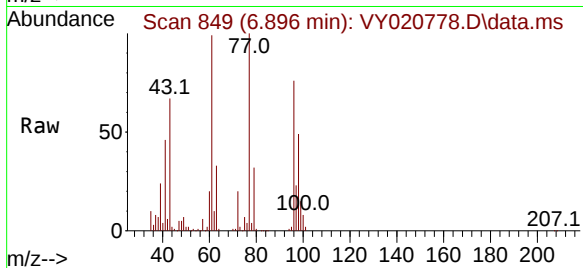
Tgt Ion: 96 Resp: 185769

Ion Ratio Lower Upper

96 100

61 135.1 0.0 271.4

98 64.5 0.0 129.0



#28

Bromochloromethane

Concen: 103.666 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

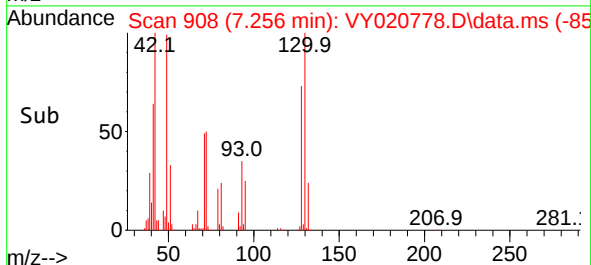
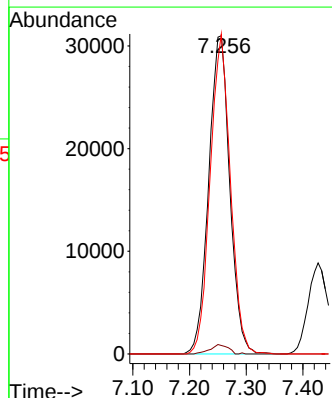
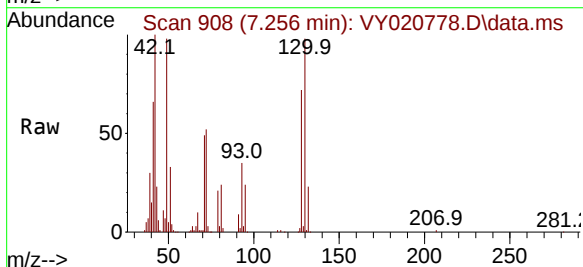
Tgt Ion: 49 Resp: 79888

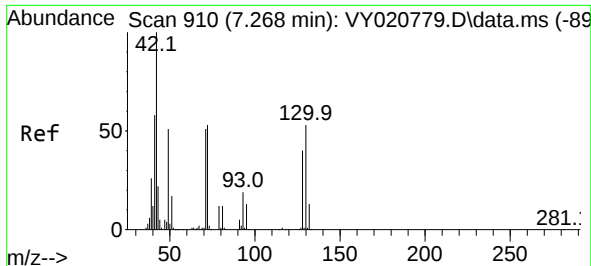
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.2

130 96.3 77.8 116.6





#29

Tetrahydrofuran

Concen: 471.332 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

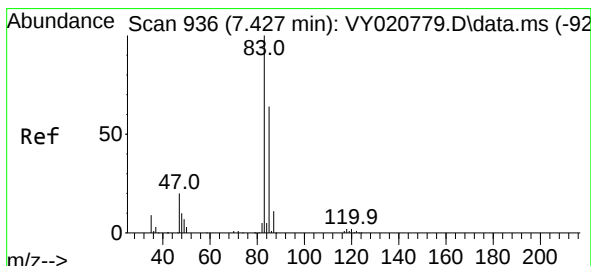
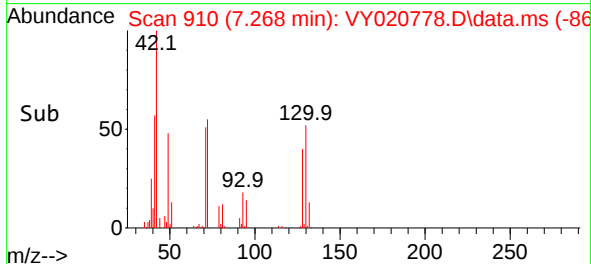
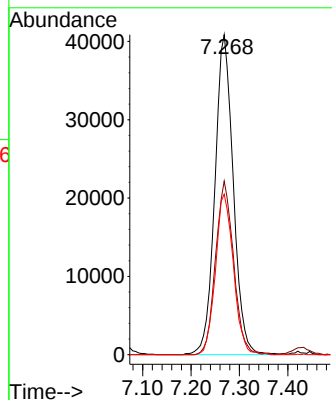
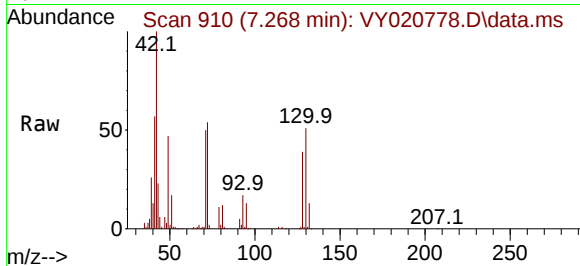
Tgt Ion: 42 Resp: 107970

Ion Ratio Lower Upper

42 100

72 53.1 41.8 62.6

71 49.1 39.8 59.8



#30

Chloroform

Concen: 92.736 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY020778.D

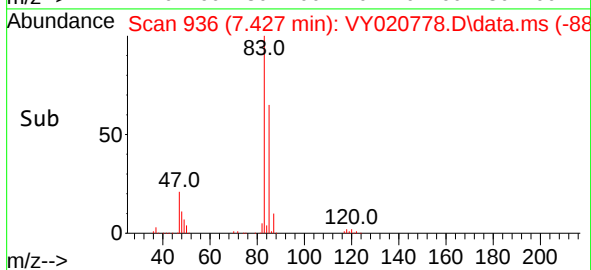
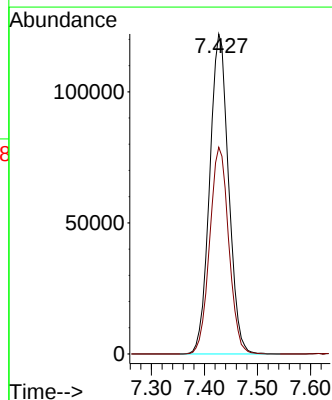
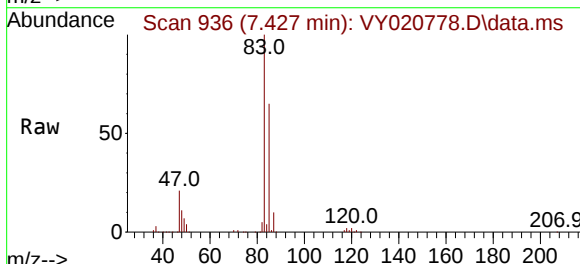
Acq: 06 Jan 2025 11:09

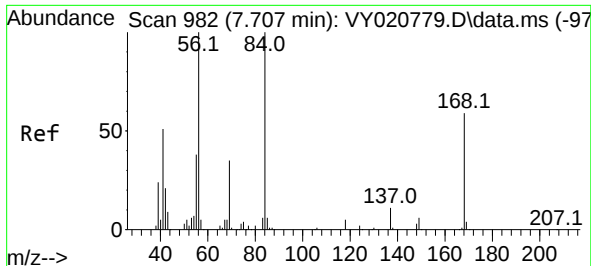
Tgt Ion: 83 Resp: 302029

Ion Ratio Lower Upper

83 100

85 64.6 51.1 76.7

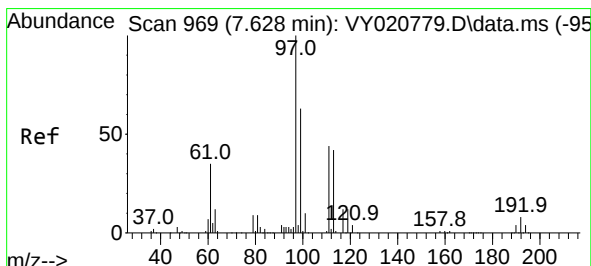
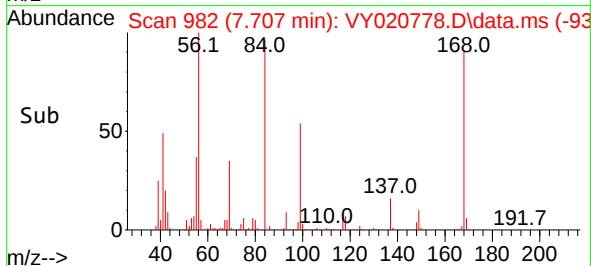
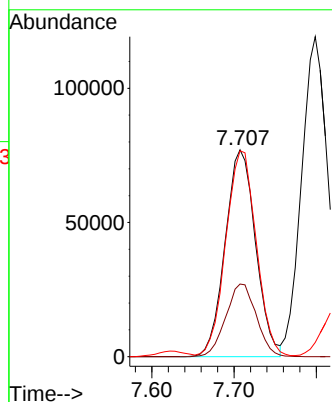
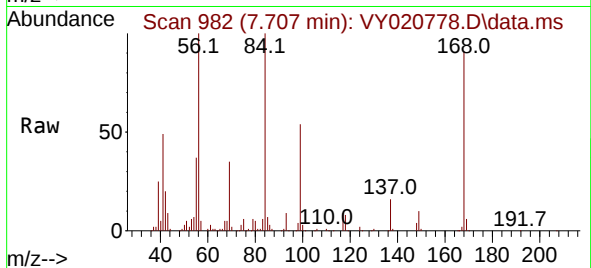




#31
Cyclohexane
Concen: 88.988 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

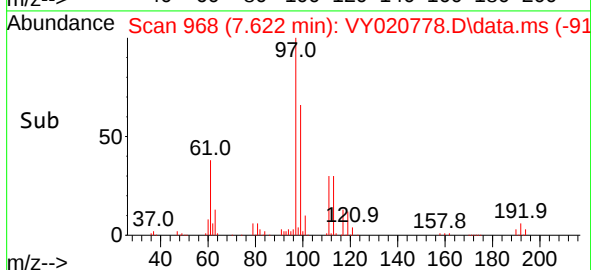
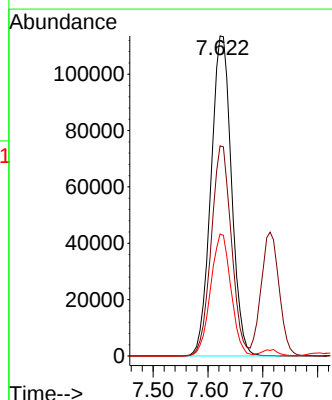
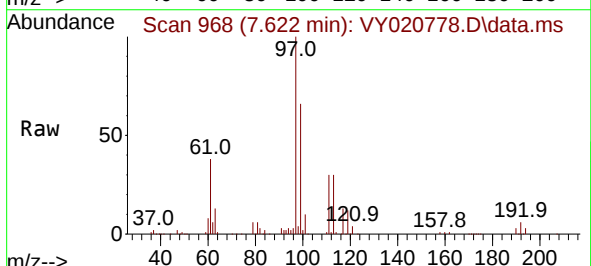
Instrument :
MSVOA_Y
ClientSampleId :

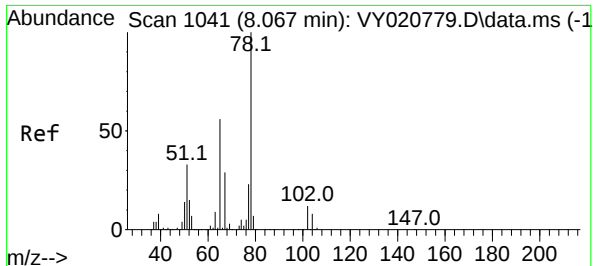
Tgt Ion: 56 Resp: 198784
Ion Ratio Lower Upper
56 100
69 35.1 30.5 45.7
84 97.5 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 92.985 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Tgt Ion: 97 Resp: 295395
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 37.8 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 103.051 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Instrument :

MSVOA_Y

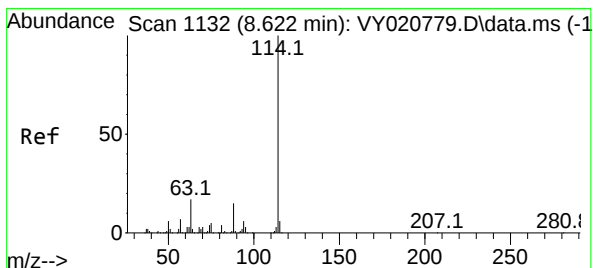
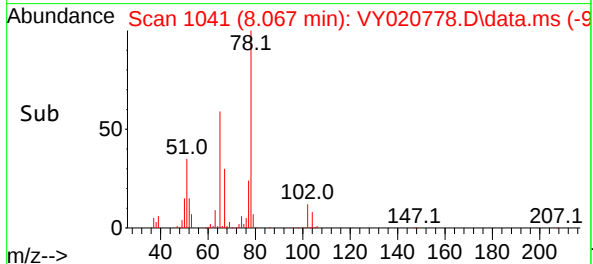
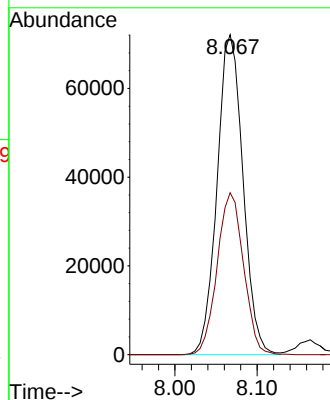
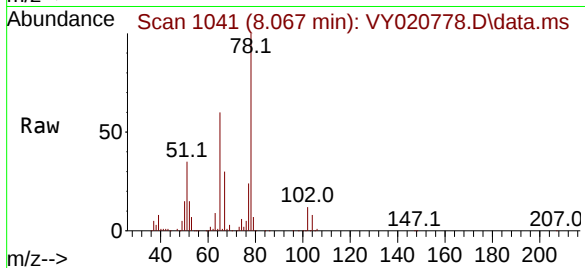
ClientSampleId :

Tgt Ion: 65 Resp: 158200

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

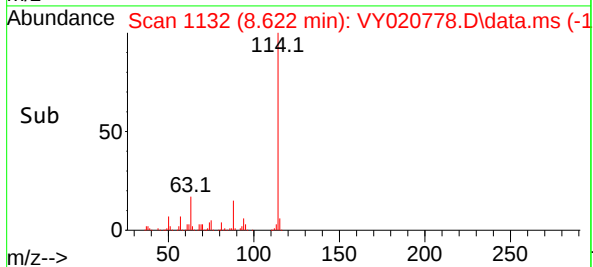
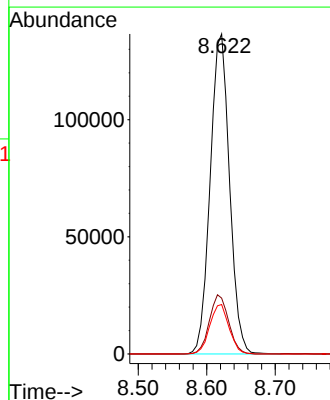
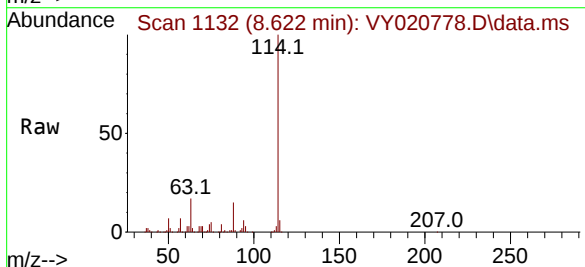
Tgt Ion:114 Resp: 267580

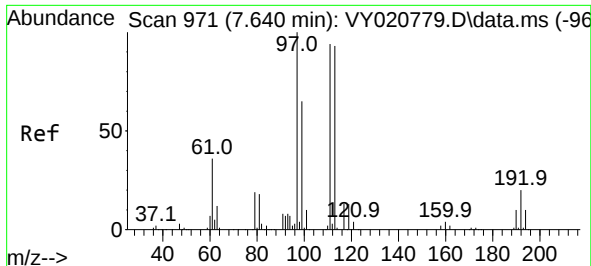
Ion Ratio Lower Upper

114 100

63 17.4 0.0 38.4

88 15.5 0.0 31.2

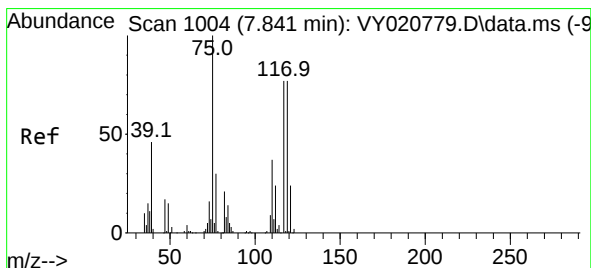
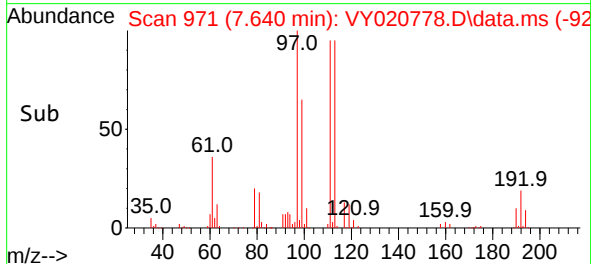
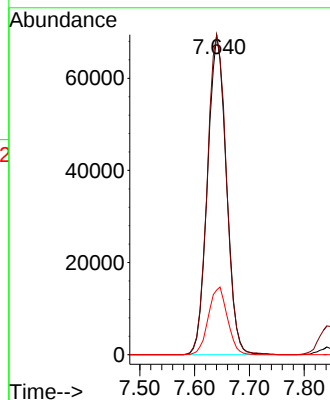
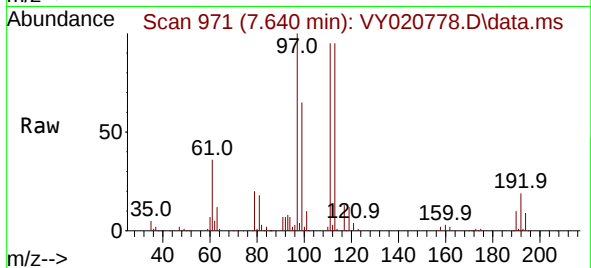




#35
Dibromofluoromethane
Concen: 98.322 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

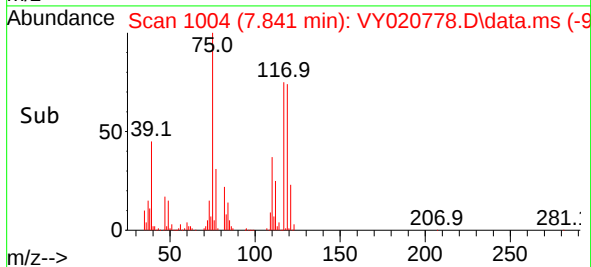
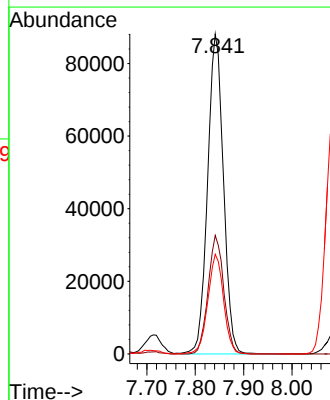
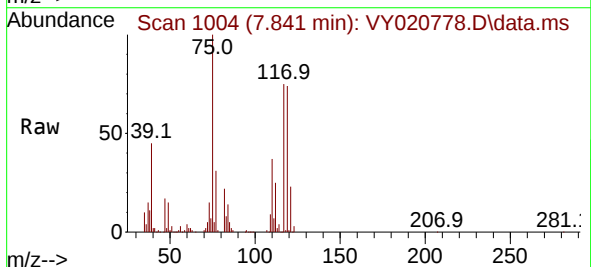
Instrument :
MSVOA_Y
ClientSampleId :

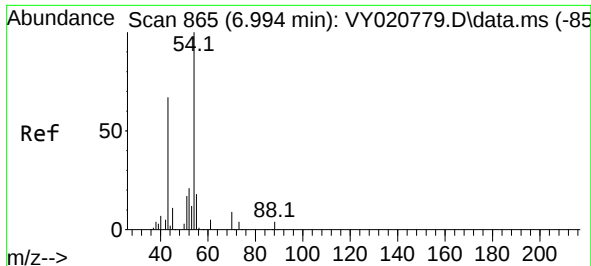
Tgt Ion:113 Resp: 164823
Ion Ratio Lower Upper
113 100
111 101.9 81.7 122.5
192 21.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 93.729 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

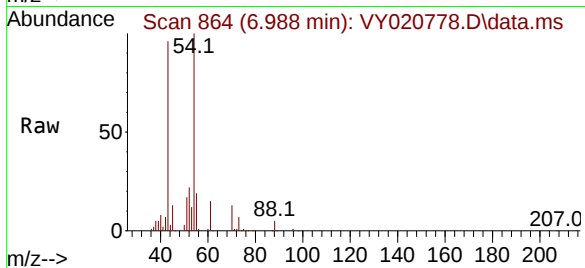
Tgt Ion: 75 Resp: 200411
Ion Ratio Lower Upper
75 100
110 36.7 18.5 55.5
77 30.9 25.0 37.4



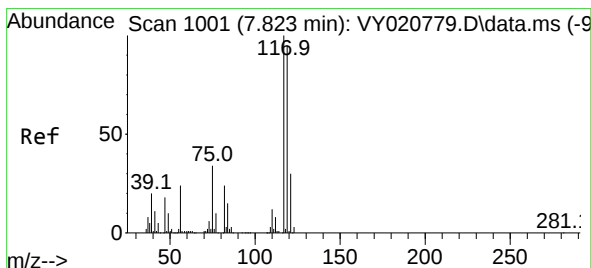
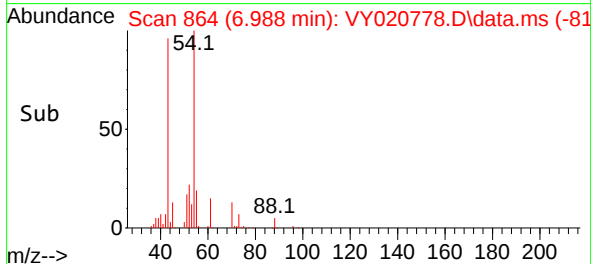
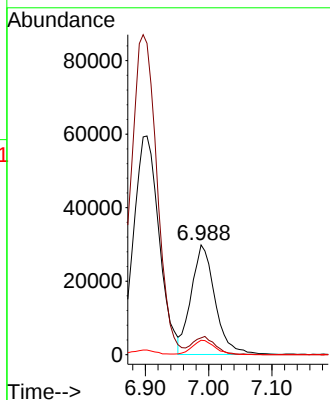


#37
Ethyl Acetate
Concen: 91.877 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Instrument :
MSVOA_Y
ClientSampleId :

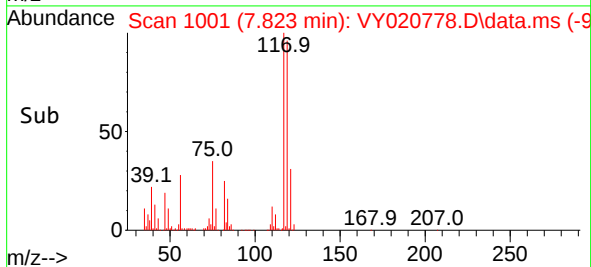
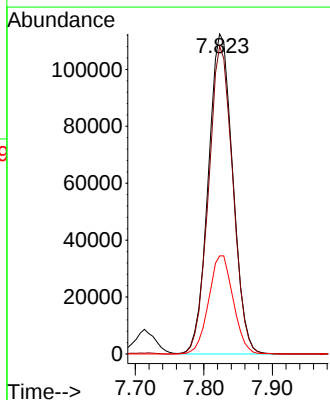
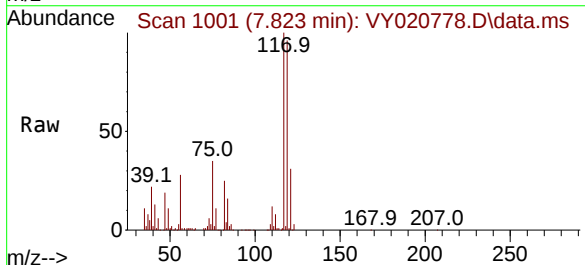


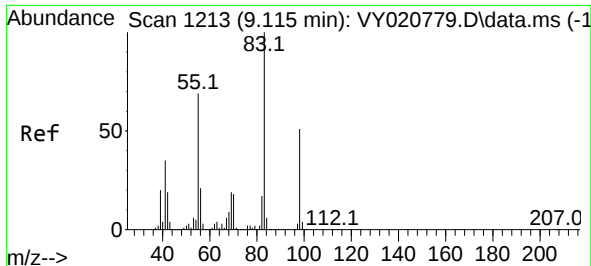
Tgt Ion: 43 Resp: 78178
Ion Ratio Lower Upper
43 100
61 15.7 11.8 17.6
70 12.6 9.8 14.8



#38
Carbon Tetrachloride
Concen: 93.940 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Tgt Ion: 117 Resp: 279602
Ion Ratio Lower Upper
117 100
119 96.1 76.5 114.7
121 30.7 24.3 36.5





#39

Methylcyclohexane

Concen: 94.364 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

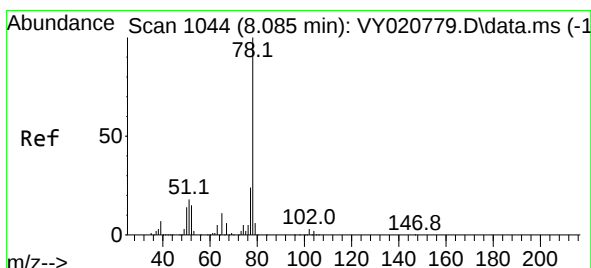
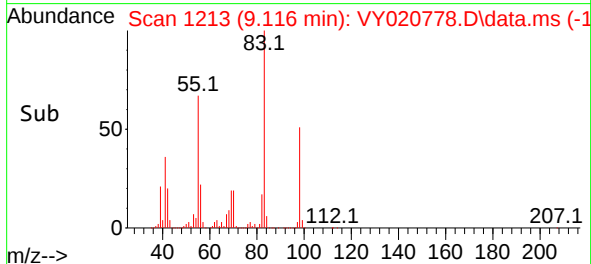
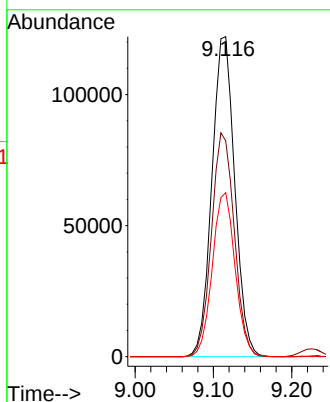
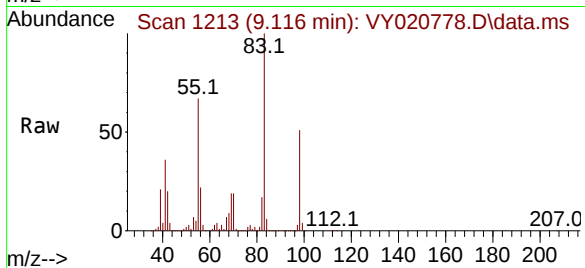
Tgt Ion: 83 Resp: 247594

Ion Ratio Lower Upper

83 100

55 67.5 54.8 82.2

98 51.3 40.0 60.0



#40

Benzene

Concen: 93.874 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY020778.D

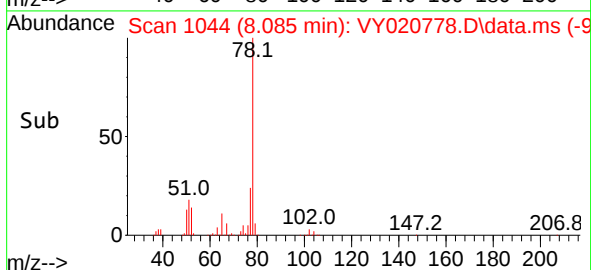
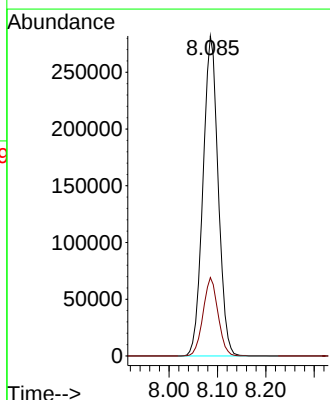
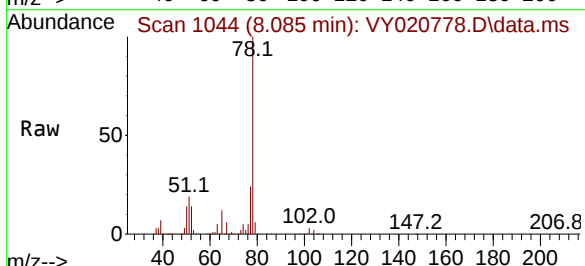
Acq: 06 Jan 2025 11:09

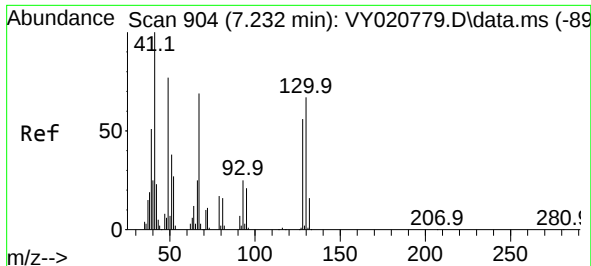
Tgt Ion: 78 Resp: 616041

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.2



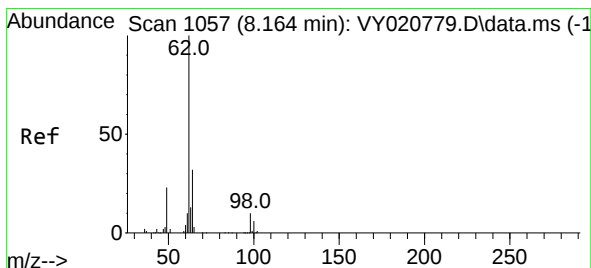
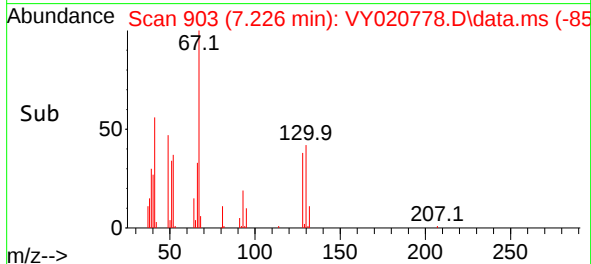
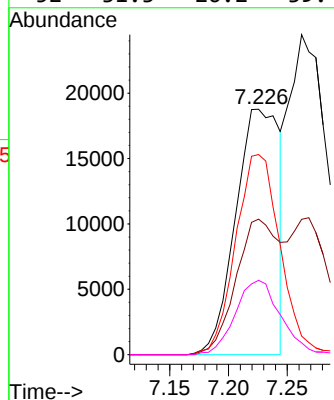
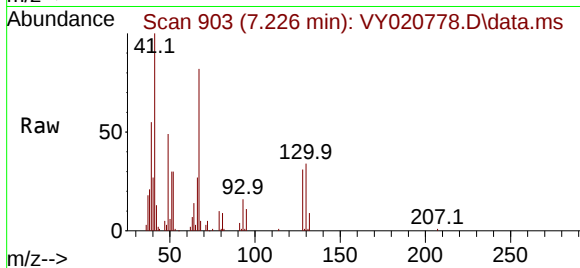


#41
Methacrylonitrile
Concen: 99.789 ug/l
RT: 7.226 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 48629

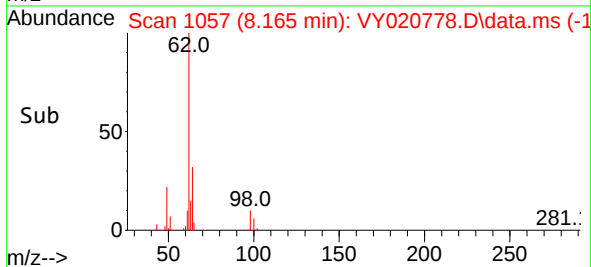
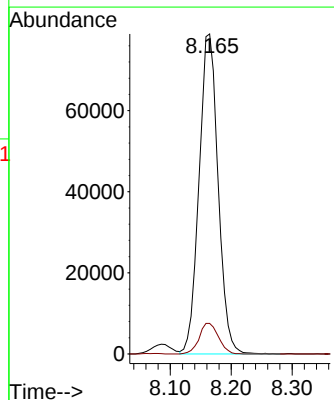
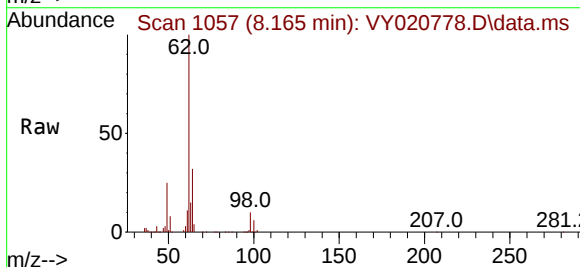
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.4	63.6
67	83.1	67.8	101.8
52	31.3	26.2	39.4

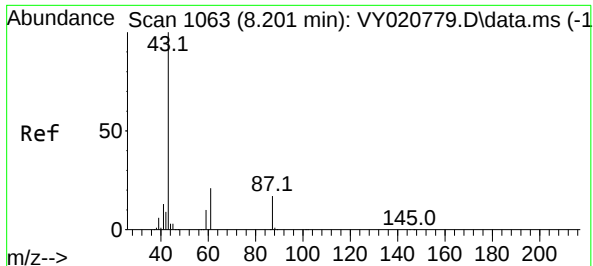


#42
1,2-Dichloroethane
Concen: 95.807 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Tgt Ion: 62 Resp: 171698

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.6

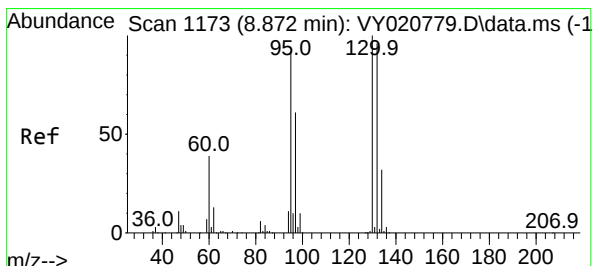
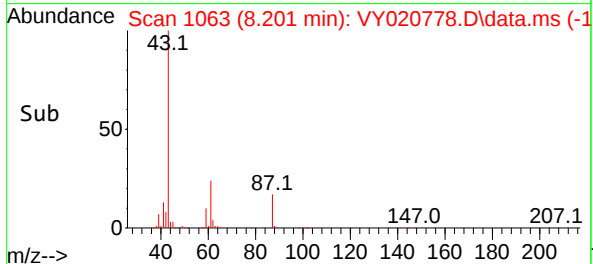
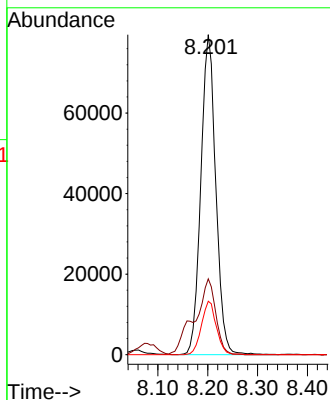
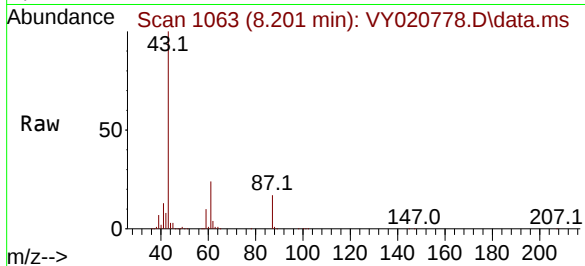




#43
Isopropyl Acetate
Concen: 95.524 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

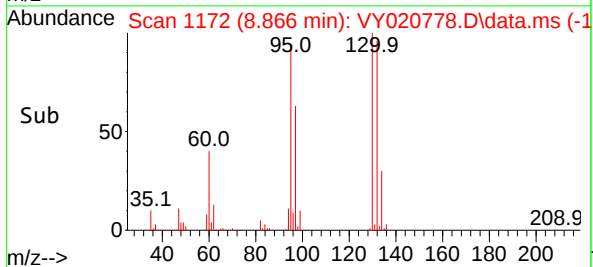
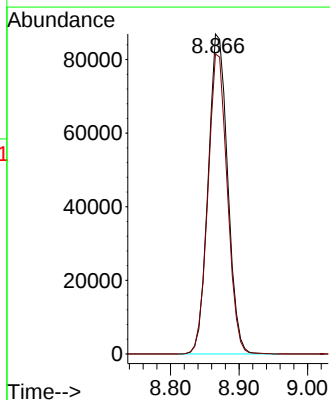
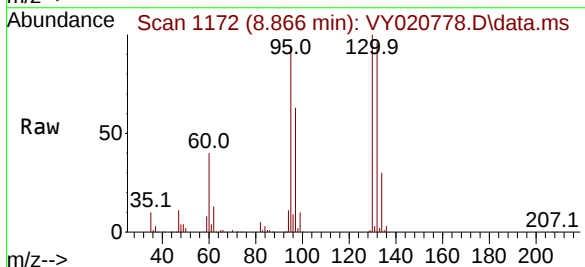
Instrument :
MSVOA_Y
ClientSampleId :

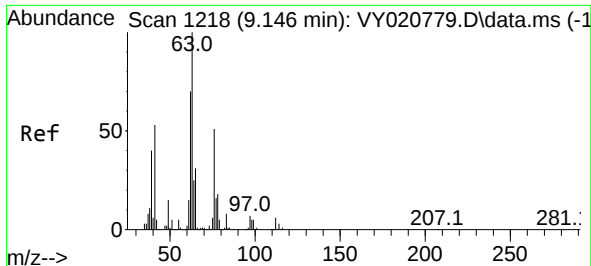
Tgt Ion: 43 Resp: 165322
Ion Ratio Lower Upper
43 100
61 33.6 26.5 39.7
87 16.7 13.4 20.0



#44
Trichloroethene
Concen: 93.641 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Tgt Ion:130 Resp: 171305
Ion Ratio Lower Upper
130 100
95 93.8 0.0 181.0





#45

1,2-Dichloropropane

Concen: 94.192 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Instrument :

MSVOA_Y

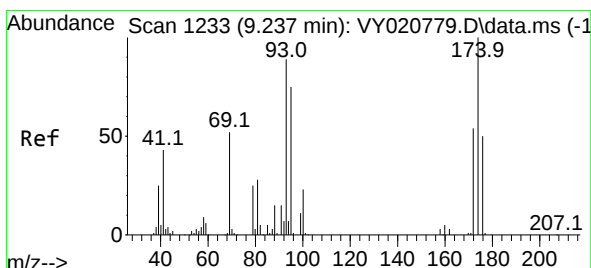
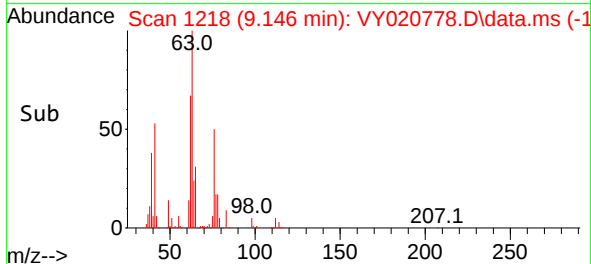
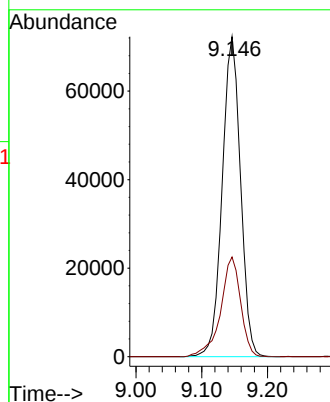
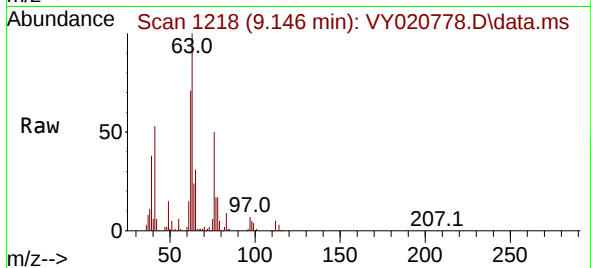
ClientSampleId :

Tgt Ion: 63 Resp: 140131

Ion Ratio Lower Upper

63 100

65 31.2 24.2 36.4



#46

Dibromomethane

Concen: 95.756 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

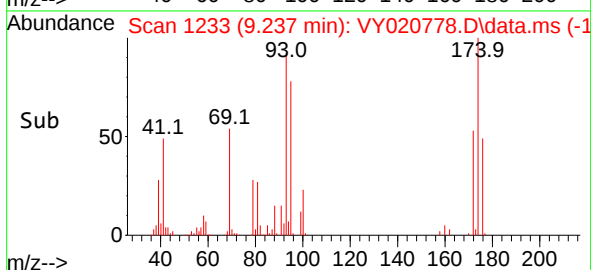
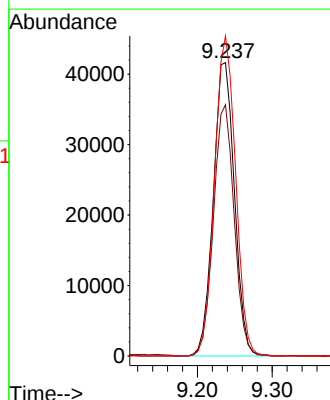
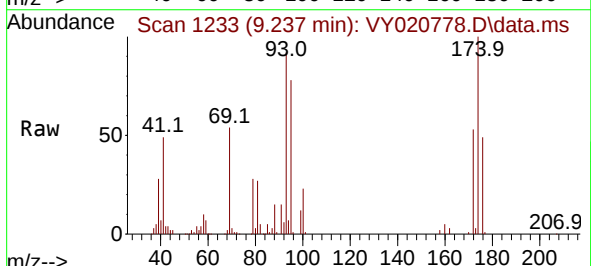
Tgt Ion: 93 Resp: 81804

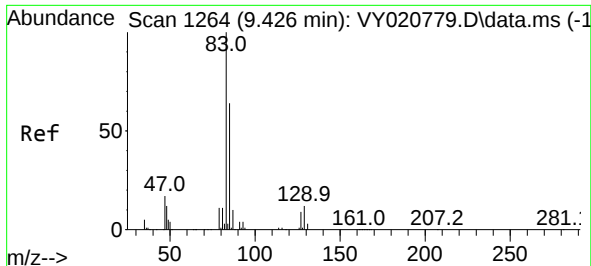
Ion Ratio Lower Upper

93 100

95 84.0 68.2 102.4

174 108.4 89.0 133.6

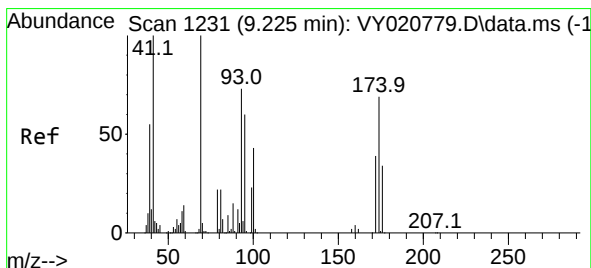
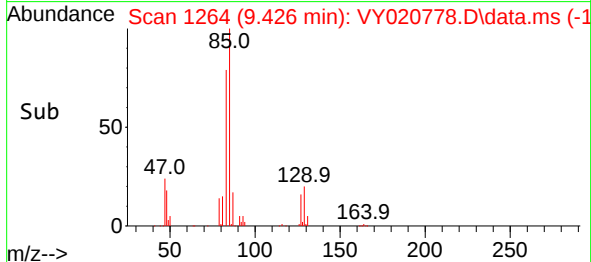
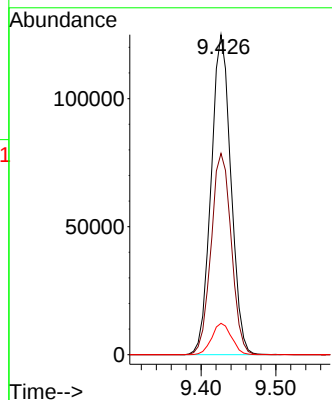
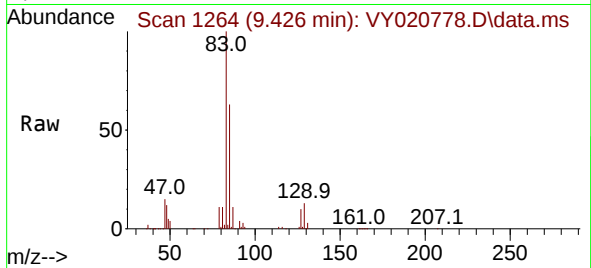




#47
Bromodichloromethane
Concen: 94.180 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

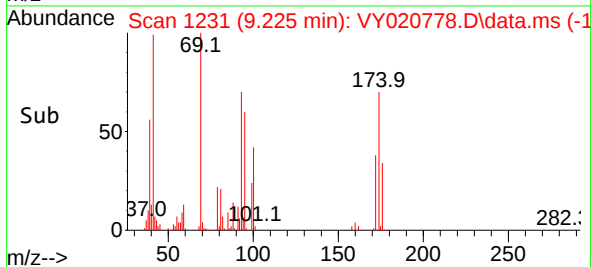
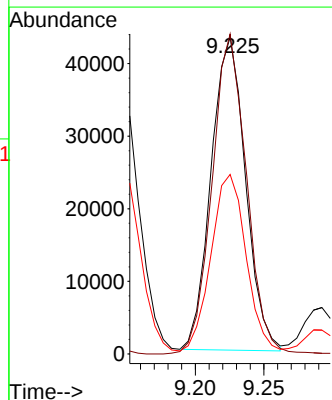
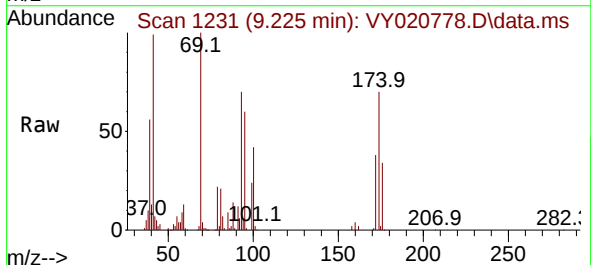
Instrument :
MSVOA_Y
ClientSampleId :

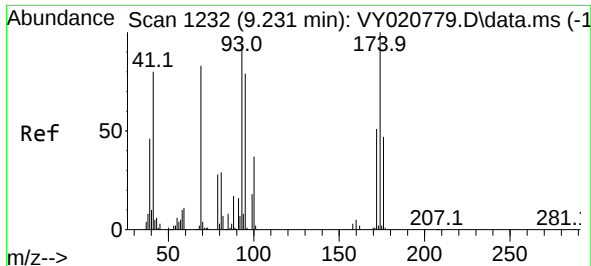
Tgt Ion: 83 Resp: 230427
Ion Ratio Lower Upper
83 100
85 62.9 50.7 76.1
127 9.8 7.9 11.9



#48
Methyl methacrylate
Concen: 96.974 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Tgt Ion: 41 Resp: 75242
Ion Ratio Lower Upper
41 100
69 102.2 78.9 118.3
39 57.4 44.6 67.0





#49

1,4-Dioxane

Concen: 1930.014 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

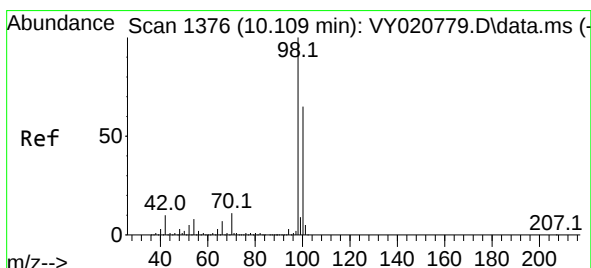
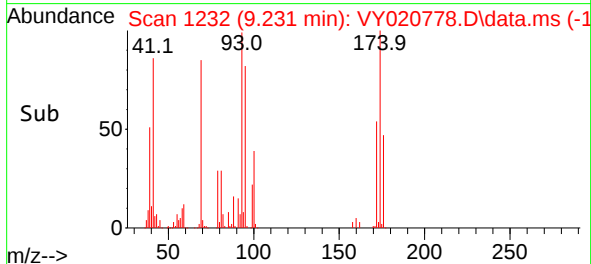
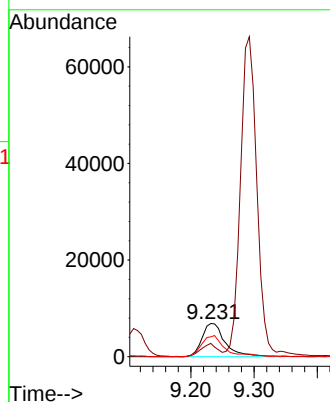
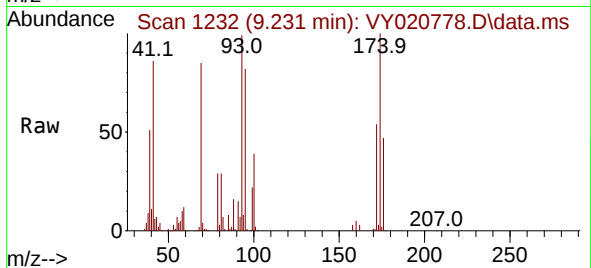
Tgt Ion: 88 Resp: 17506

Ion Ratio Lower Upper

88 100

43 28.5 24.4 36.6

58 64.3 51.0 76.6



#50

Toluene-d8

Concen: 107.027 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020778.D

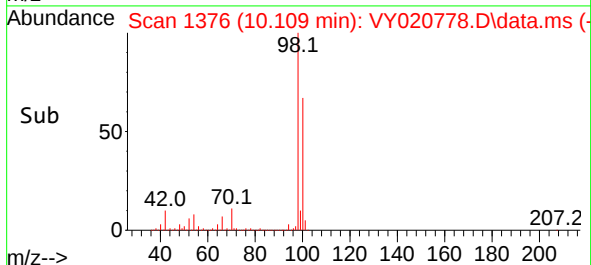
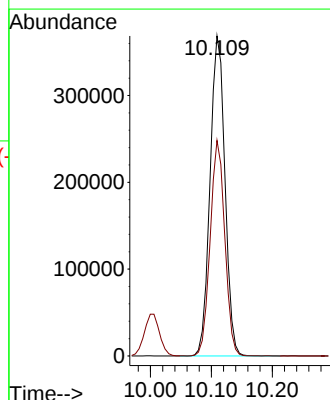
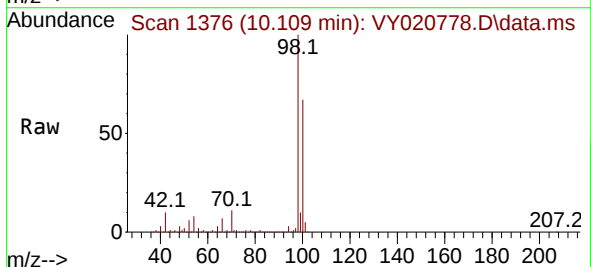
Acq: 06 Jan 2025 11:09

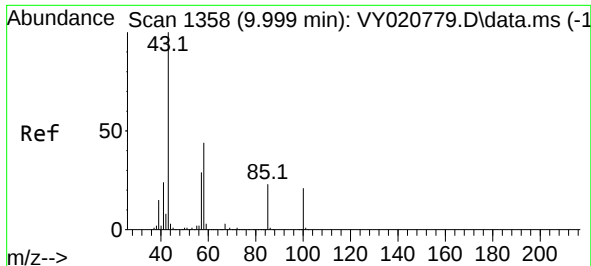
Tgt Ion: 98 Resp: 625449

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7

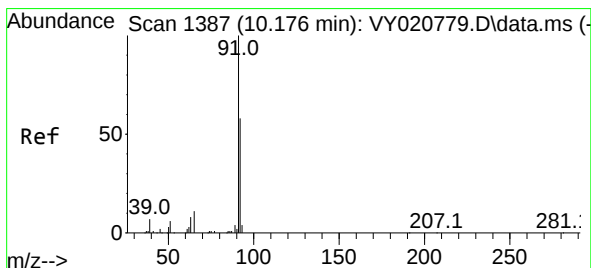
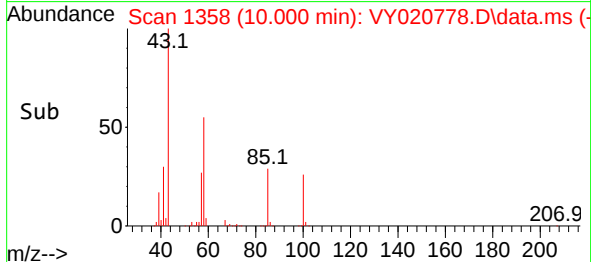
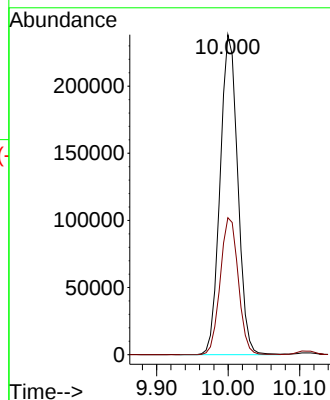
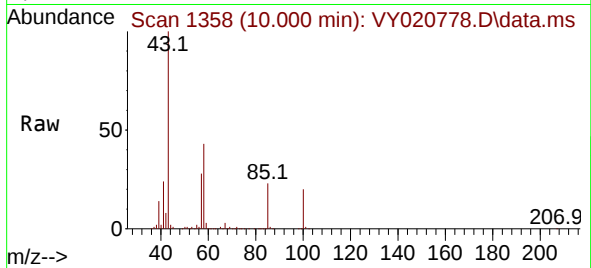




#51
4-Methyl-2-Pentanone
Concen: 472.317 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

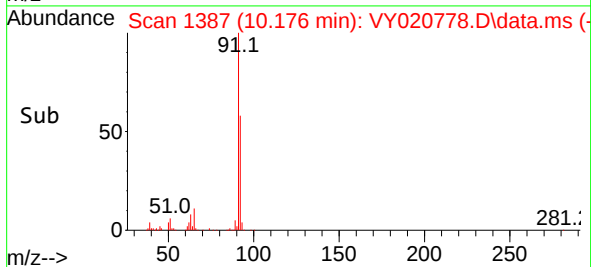
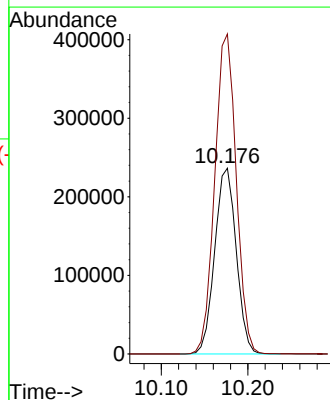
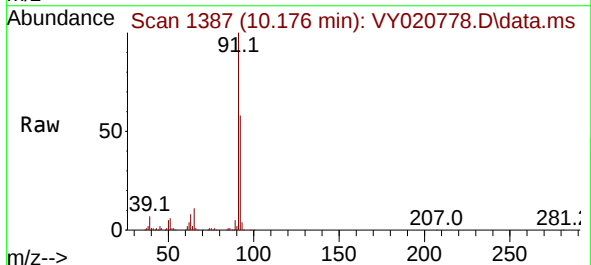
Instrument :
MSVOA_Y
ClientSampleId :

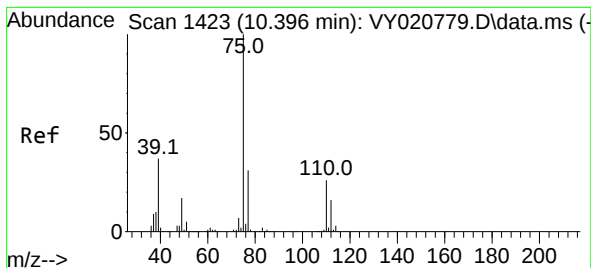
Tgt Ion: 43 Resp: 408379
Ion Ratio Lower Upper
43 100
58 43.7 34.8 52.2



#52
Toluene
Concen: 93.899 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Tgt Ion: 92 Resp: 408049
Ion Ratio Lower Upper
92 100
91 171.9 136.6 204.8

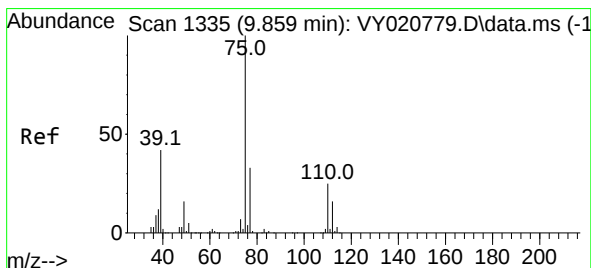
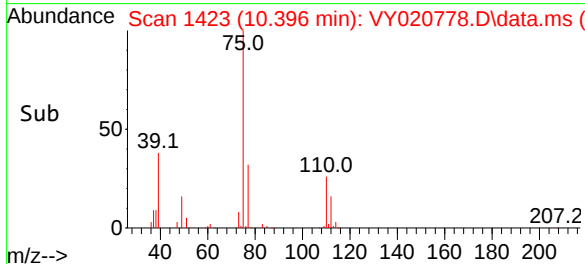
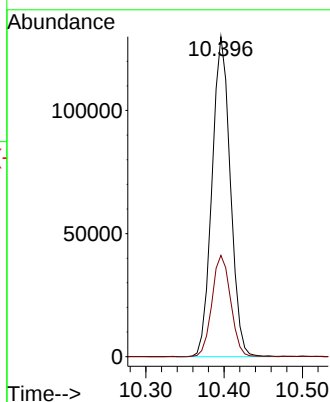
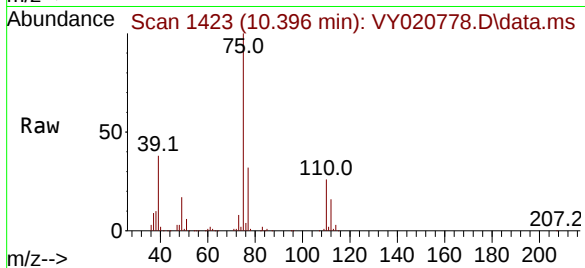




#53
 t-1,3-Dichloropropene
 Concen: 97.150 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY020778.D
 Acq: 06 Jan 2025 11:09

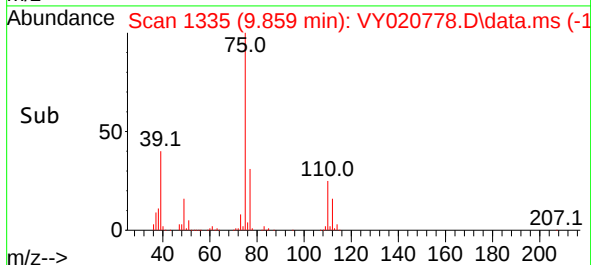
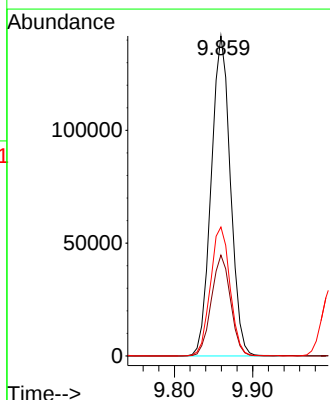
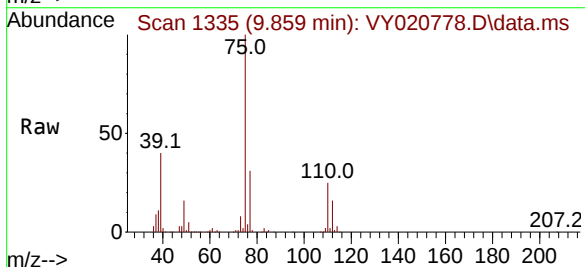
Instrument :
 MSVOA_Y
 ClientSampleId :

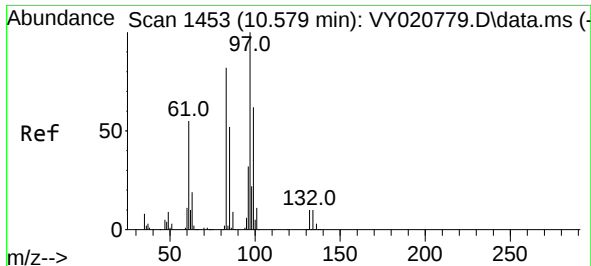
Tgt Ion: 75 Resp: 211406
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 95.711 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY020778.D
 Acq: 06 Jan 2025 11:09

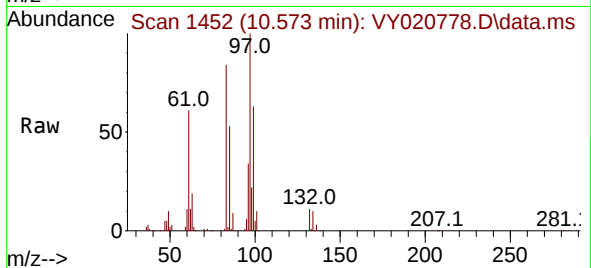
Tgt Ion: 75 Resp: 241886
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.5 36.7
 39 40.3 30.7 46.1





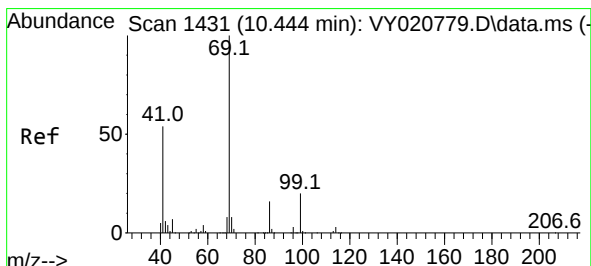
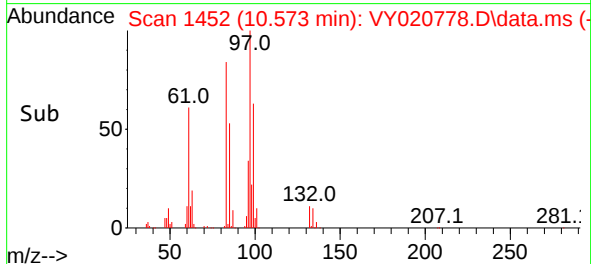
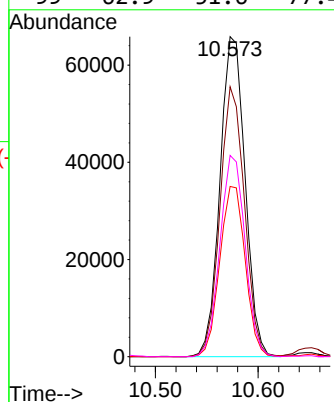
#55
1,1,2-Trichloroethane
Concen: 91.577 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.006 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 97 Resp: 111768

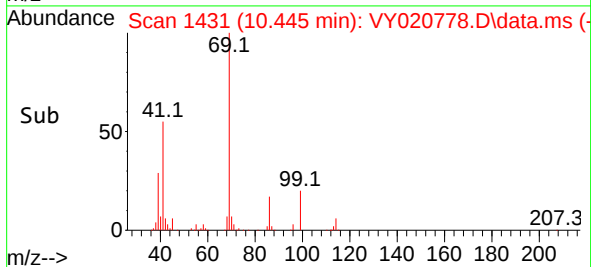
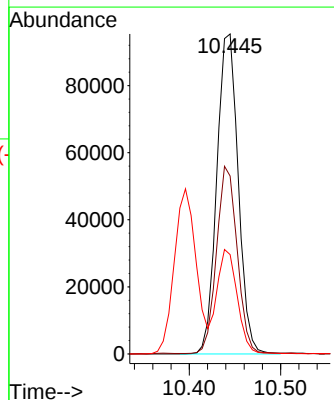
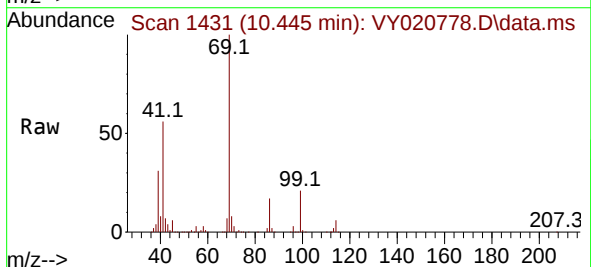
Ion	Ratio	Lower	Upper
97	100		
83	84.4	62.8	94.2
85	53.2	42.4	63.6
99	62.9	51.6	77.4

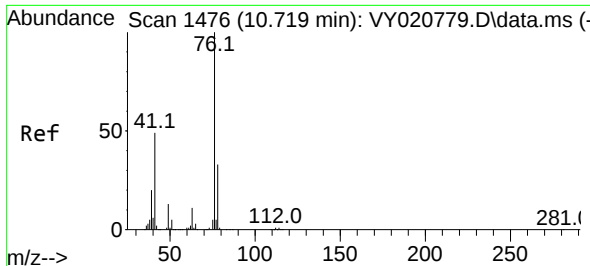


#56
Ethyl methacrylate
Concen: 100.674 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Tgt Ion: 69 Resp: 155175

Ion	Ratio	Lower	Upper
69	100		
41	56.6	46.6	69.8
39	31.0	25.7	38.5





#57

1,3-Dichloropropane

Concen: 93.791 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Instrument :

MSVOA_Y

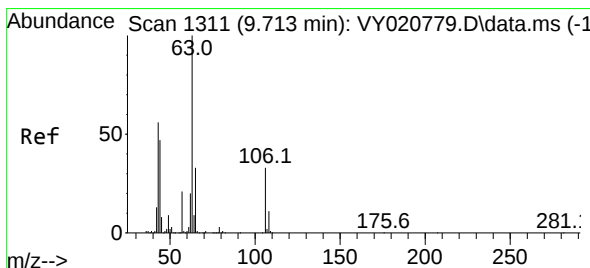
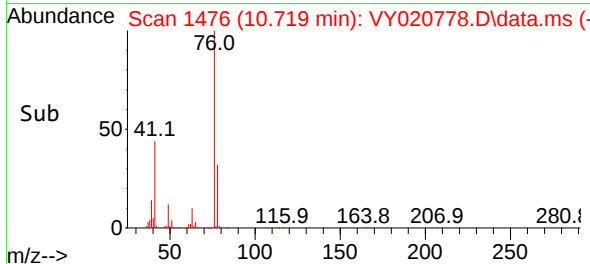
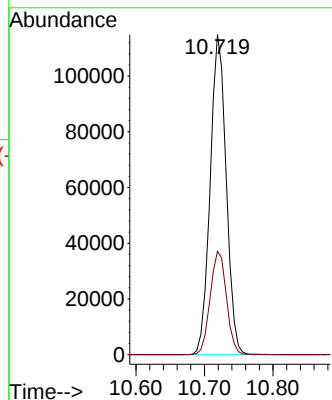
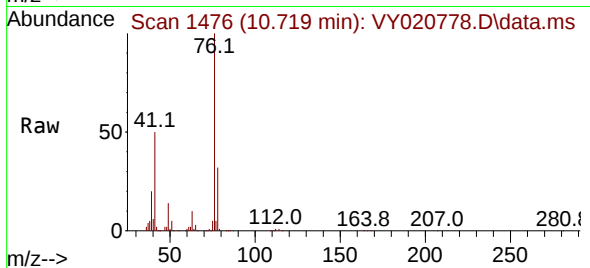
ClientSampleId :

Tgt Ion: 76 Resp: 186590

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 488.916 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020778.D

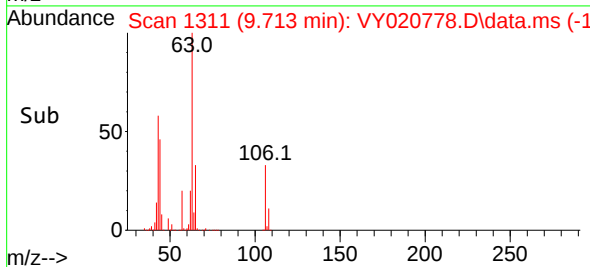
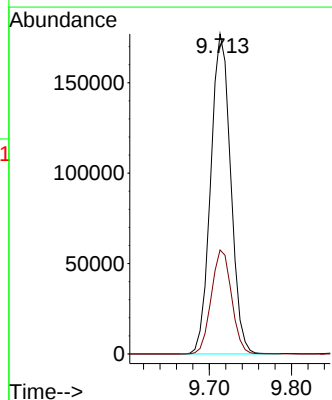
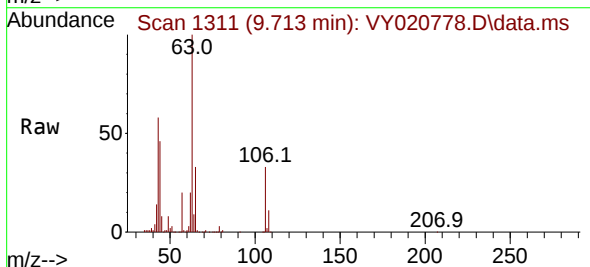
Acq: 06 Jan 2025 11:09

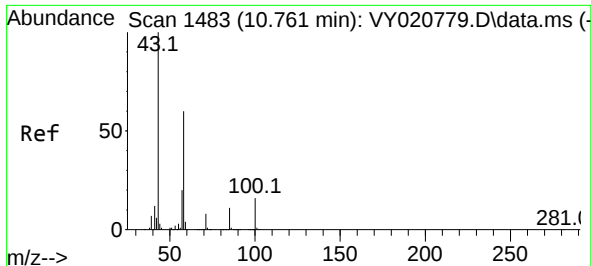
Tgt Ion: 63 Resp: 298959

Ion Ratio Lower Upper

63 100

106 32.9 25.9 38.9

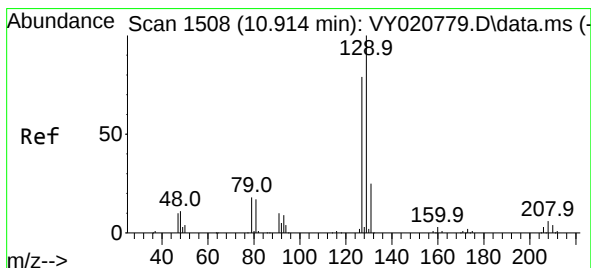
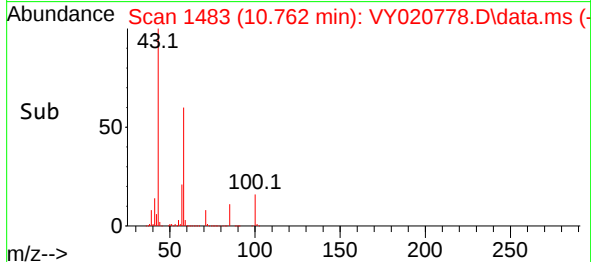
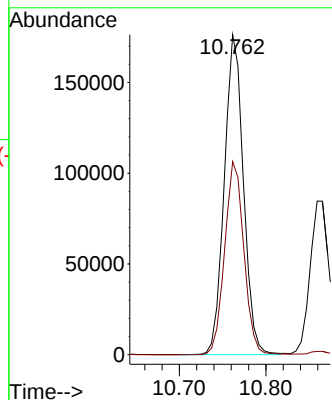
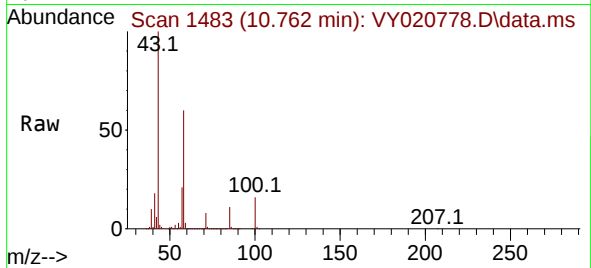




#59
2-Hexanone
Concen: 487.957 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

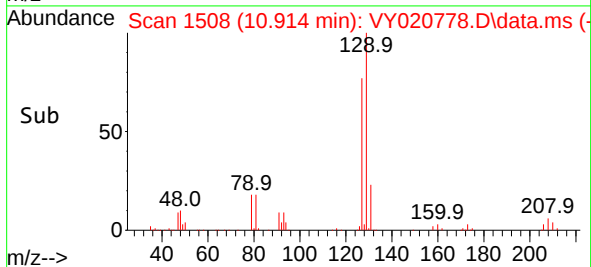
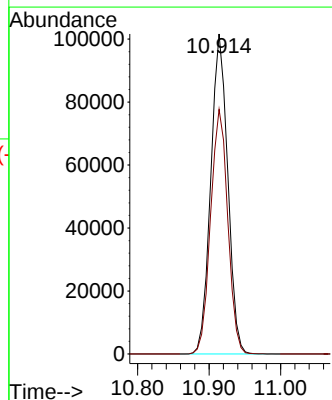
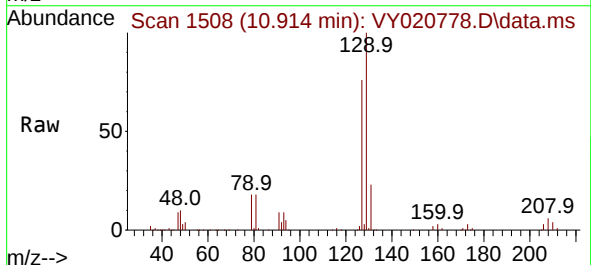
Instrument :
MSVOA_Y
ClientSampleId :

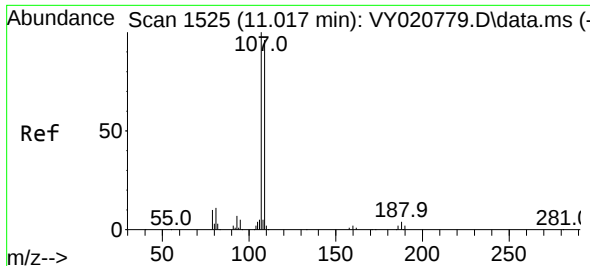
Tgt Ion: 43 Resp: 270670
Ion Ratio Lower Upper
43 100
58 60.6 30.6 92.0



#60
Dibromochloromethane
Concen: 94.597 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Tgt Ion: 129 Resp: 167445
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.9

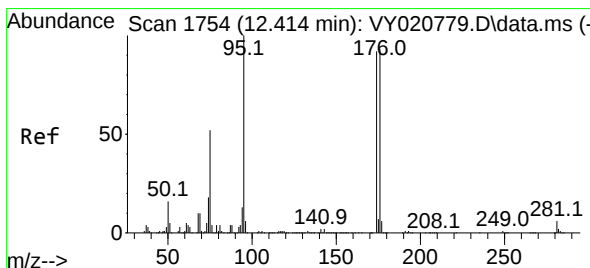
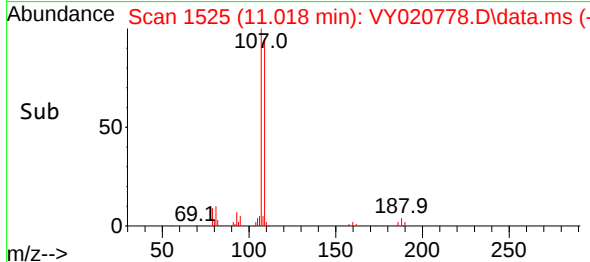
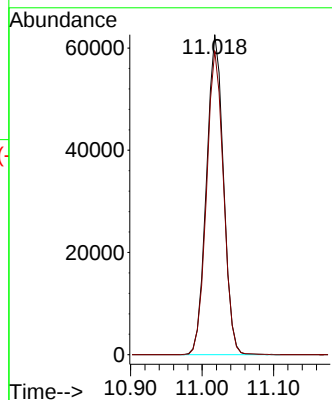
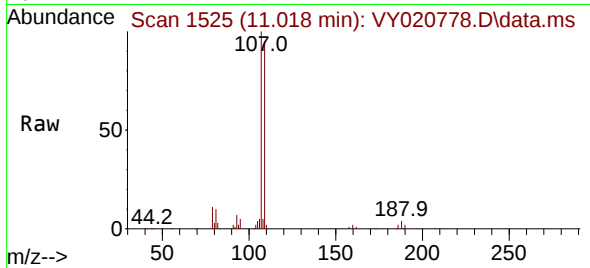




#61
1,2-Dibromoethane
Concen: 94.257 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

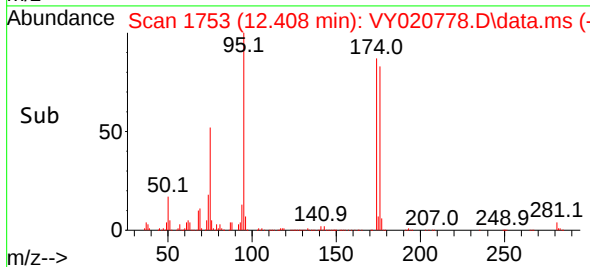
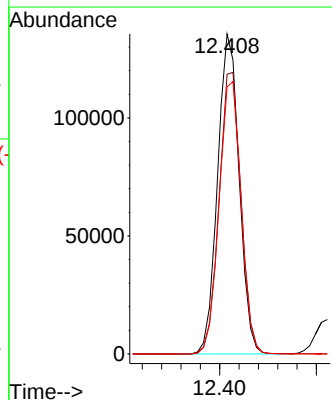
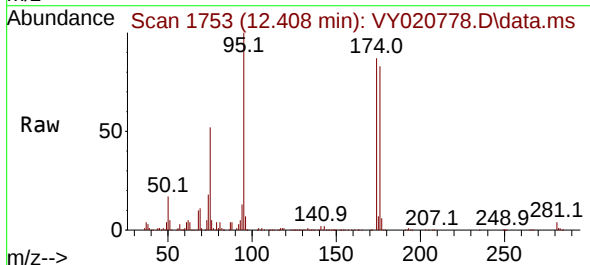
Instrument :
MSVOA_Y
ClientSampleId :

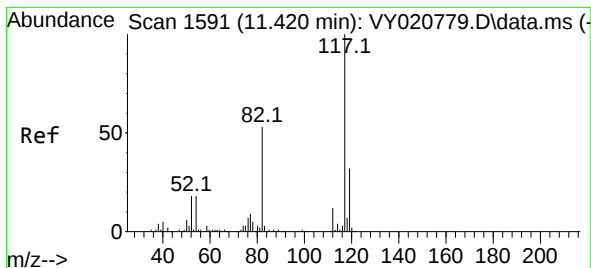
Tgt Ion:107 Resp: 103278
Ion Ratio Lower Upper
107 100
109 94.9 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 97.025 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Tgt Ion: 95 Resp: 209382
Ion Ratio Lower Upper
95 100
174 89.5 0.0 178.0
176 87.2 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

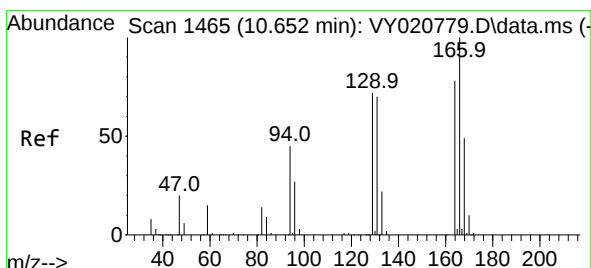
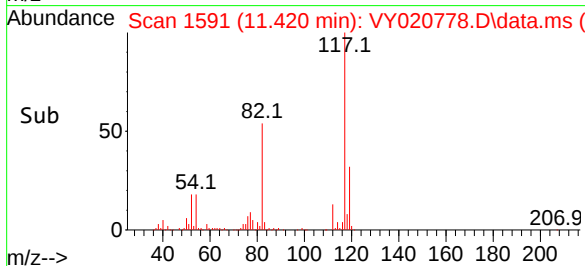
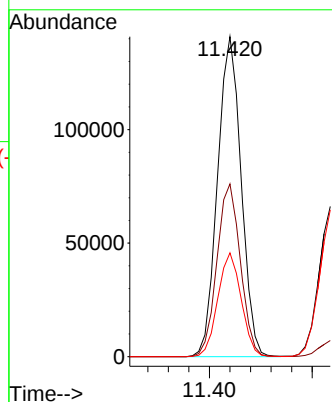
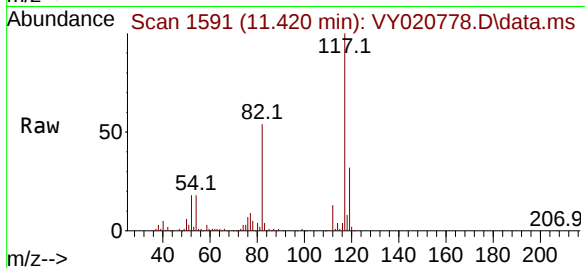
Tgt Ion:117 Resp: 224654

Ion Ratio Lower Upper

117 100

82 54.0 41.8 62.6

119 32.5 25.8 38.8



#64

Tetrachloroethene

Concen: 92.163 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Tgt Ion:164 Resp: 152225

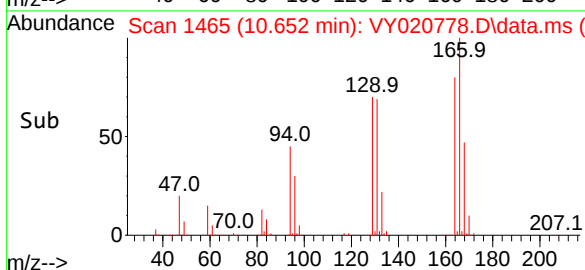
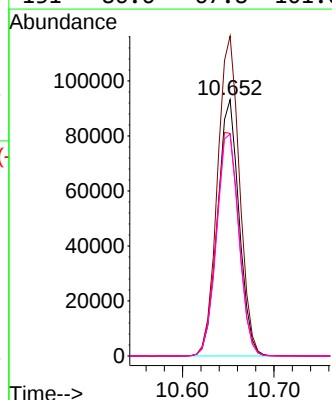
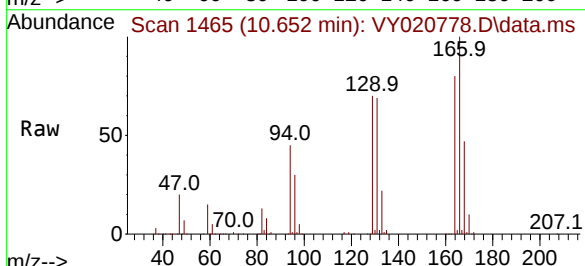
Ion Ratio Lower Upper

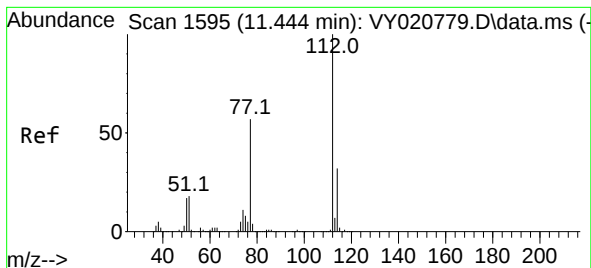
164 100

166 124.9 102.0 153.0

129 86.8 71.4 107.2

131 86.6 67.8 101.6





#65

Chlorobenzene

Concen: 94.075 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Instrument :

MSVOA_Y

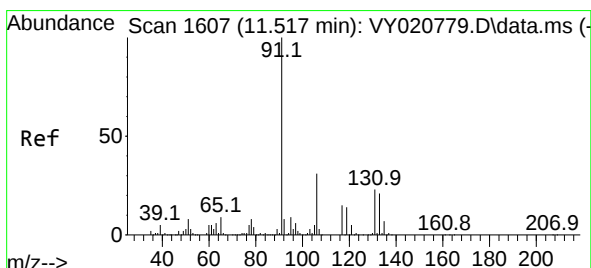
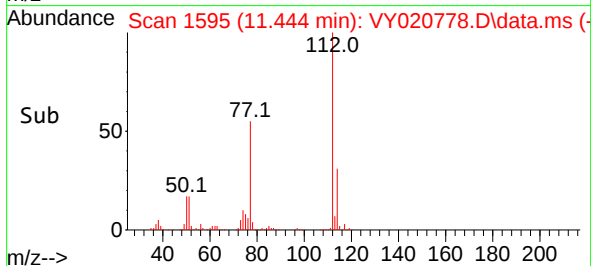
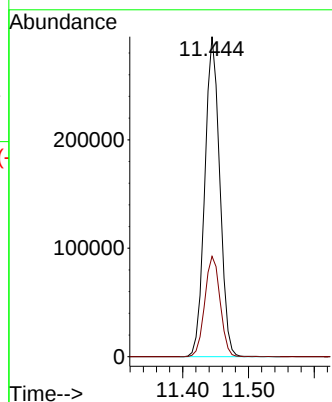
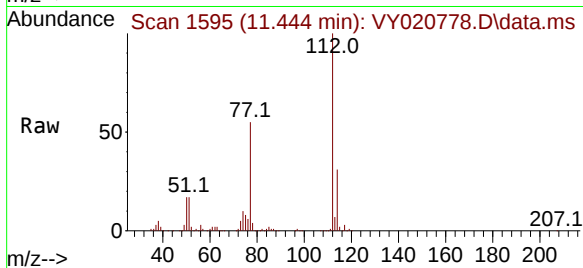
ClientSampleId :

Tgt Ion:112 Resp: 467277

Ion Ratio Lower Upper

112 100

114 31.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 92.170 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

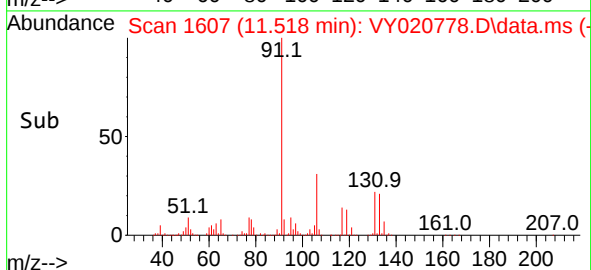
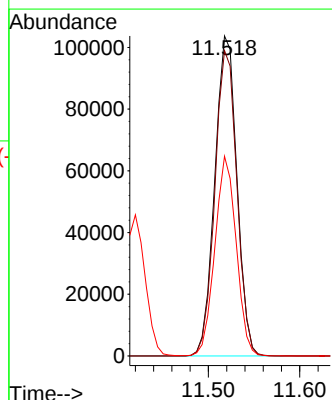
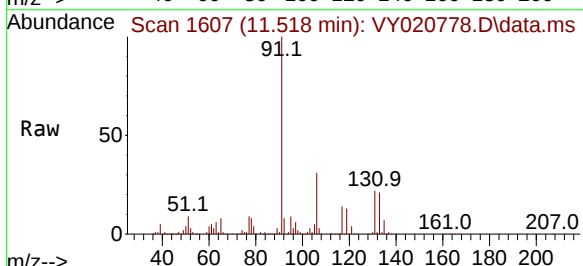
Tgt Ion:131 Resp: 174286

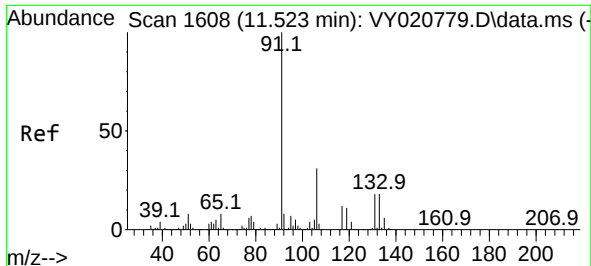
Ion Ratio Lower Upper

131 100

133 95.2 46.9 140.8

119 60.3 30.2 90.6





#67

Ethyl Benzene

Concen: 95.353 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Instrument :

MSVOA_Y

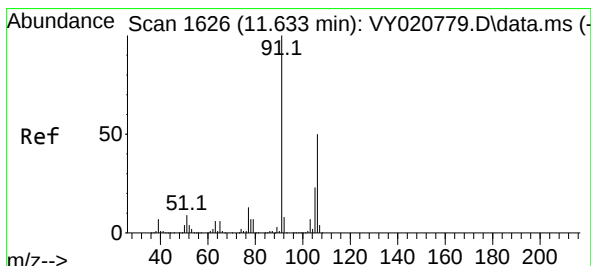
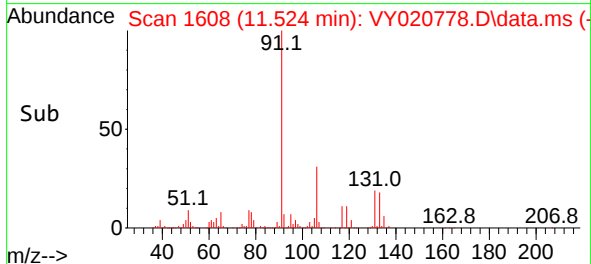
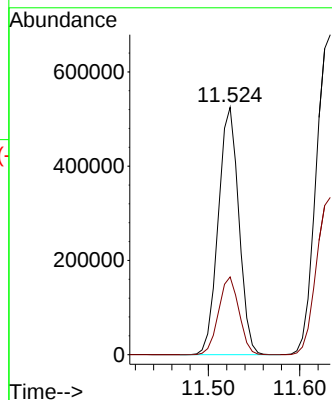
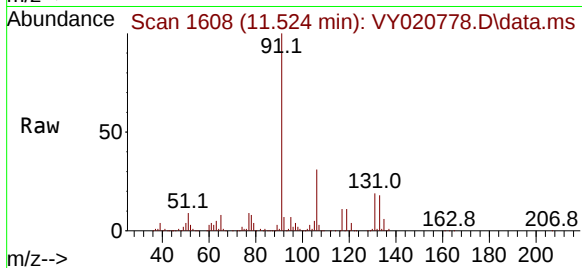
ClientSampleId :

Tgt Ion: 91 Resp: 820001

Ion Ratio Lower Upper

91 100

106 31.4 25.5 38.3



#68

m/p-Xylenes

Concen: 186.927 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020778.D

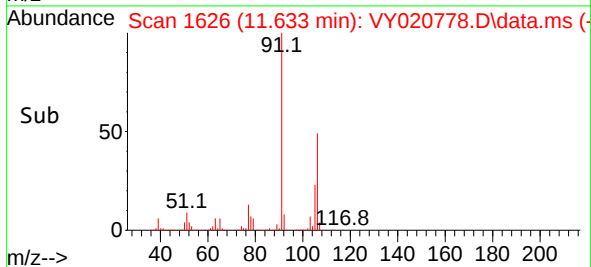
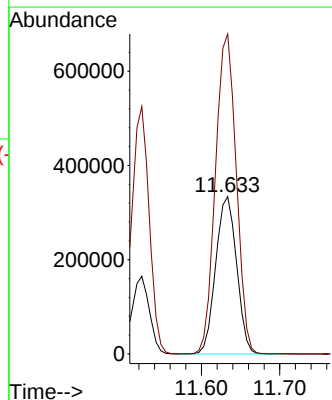
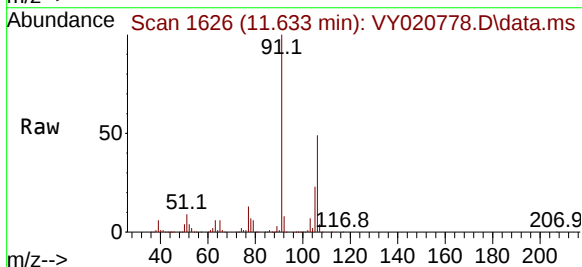
Acq: 06 Jan 2025 11:09

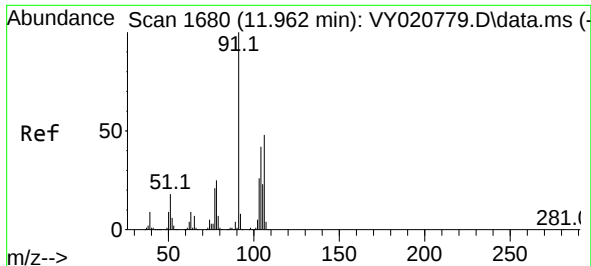
Tgt Ion:106 Resp: 618911

Ion Ratio Lower Upper

106 100

91 202.6 162.6 243.8

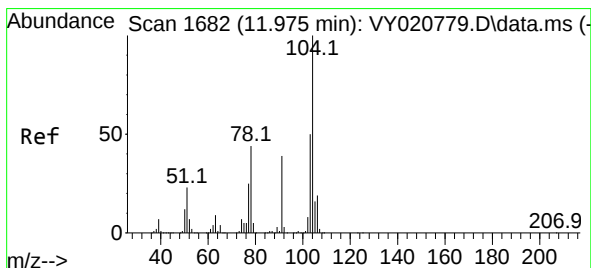
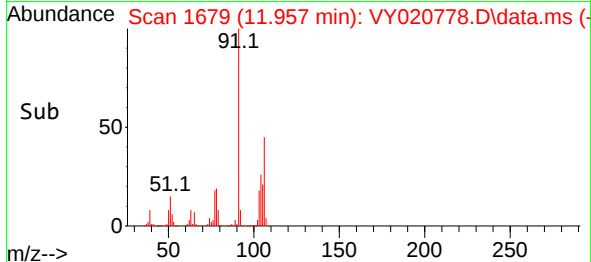
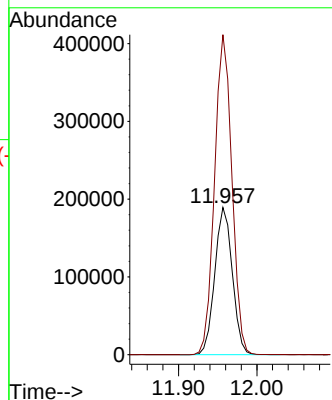
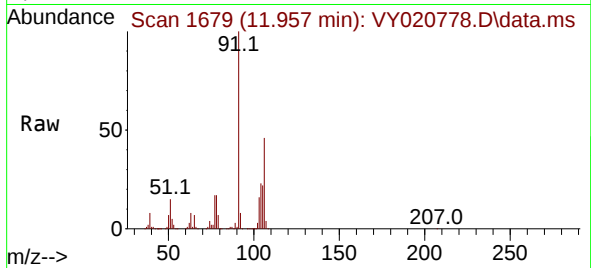




#69
o-Xylene
Concen: 93.799 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

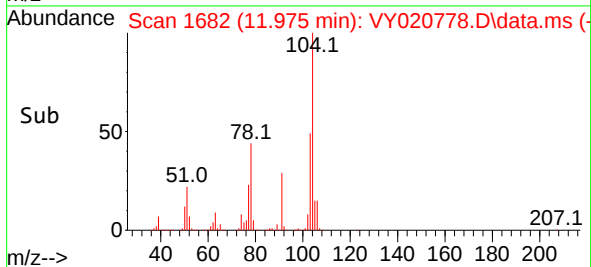
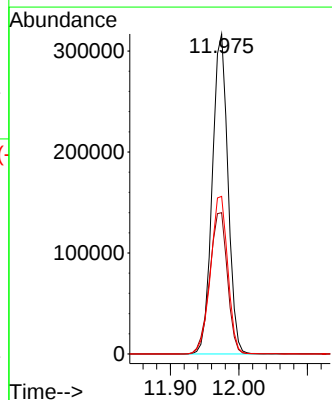
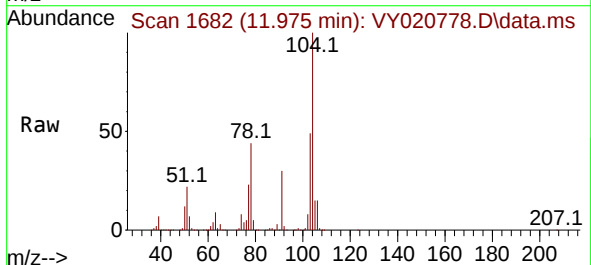
Instrument :
MSVOA_Y
ClientSampleId :

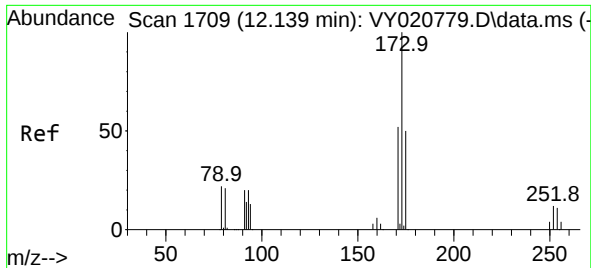
Tgt Ion:106 Resp: 294466
Ion Ratio Lower Upper
106 100
91 215.1 108.2 324.6



#70
Styrene
Concen: 95.120 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Tgt Ion:104 Resp: 502662
Ion Ratio Lower Upper
104 100
78 50.1 39.4 59.2
103 54.1 44.0 66.0

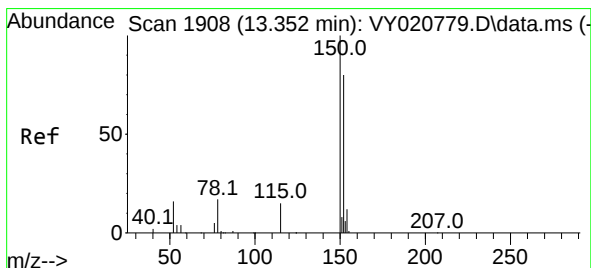
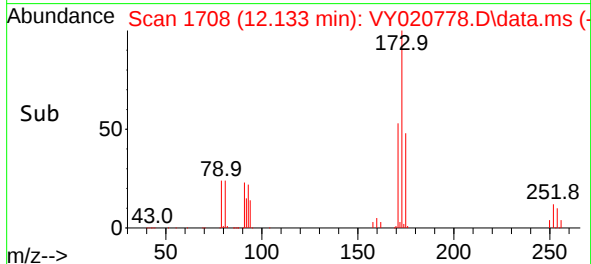
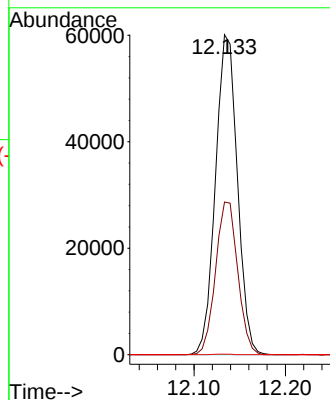
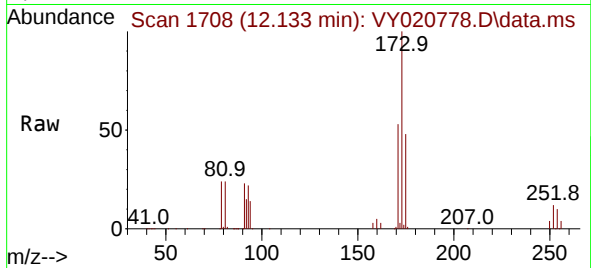




#71
Bromoform
Concen: 93.146 ug/l
RT: 12.133 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

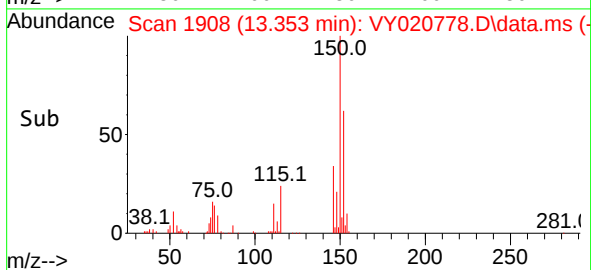
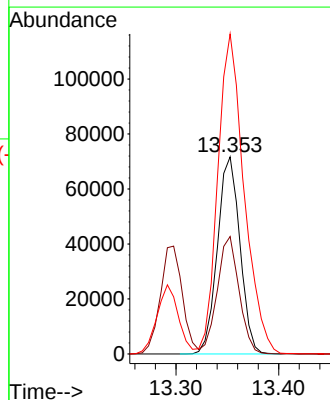
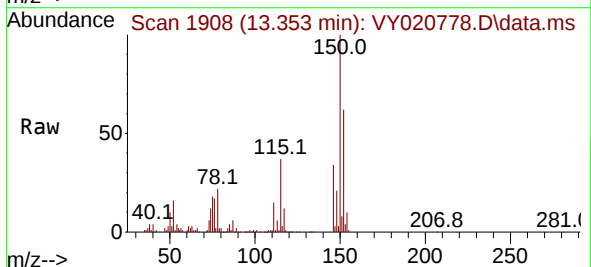
Instrument :
MSVOA_Y
ClientSampleId :

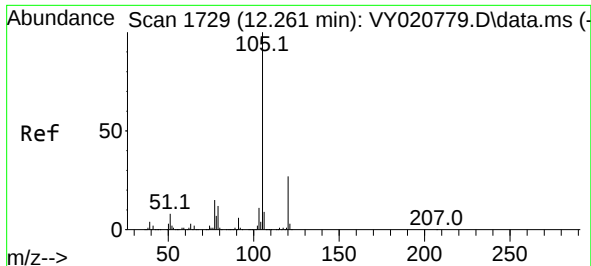
Tgt Ion:173 Resp: 100126
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Tgt Ion:152 Resp: 108755
Ion Ratio Lower Upper
152 100
115 58.0 29.0 87.0
150 190.7 0.0 347.4

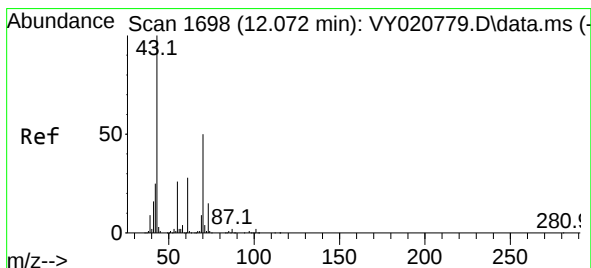
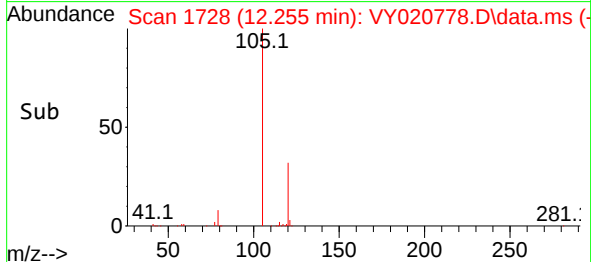
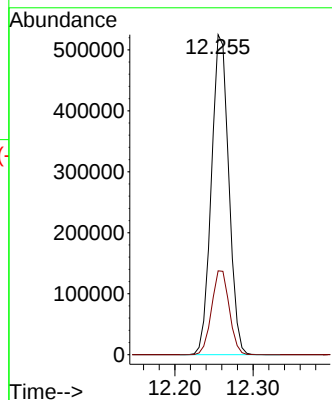
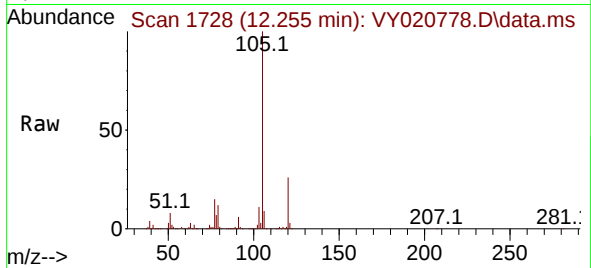




#73
Isopropylbenzene
Concen: 93.405 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

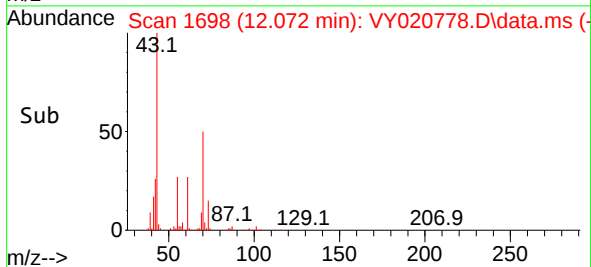
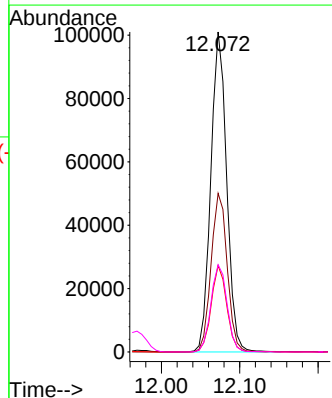
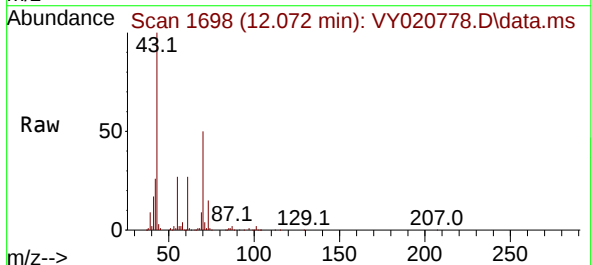
Instrument :
MSVOA_Y
ClientSampleId :

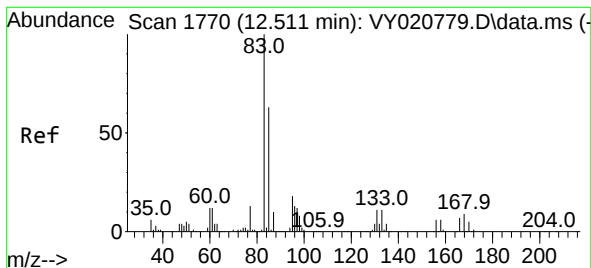
Tgt Ion:105 Resp: 805873
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 100.520 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Tgt Ion: 43 Resp: 141862
Ion Ratio Lower Upper
43 100
70 50.4 40.2 60.4
55 26.6 21.2 31.8
61 27.8 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 92.030 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

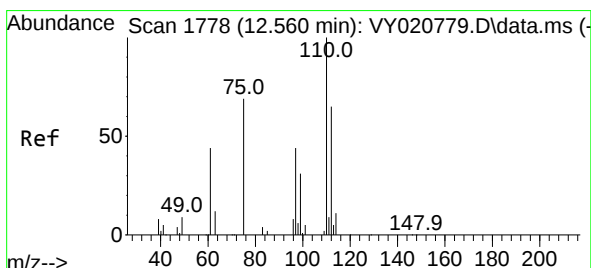
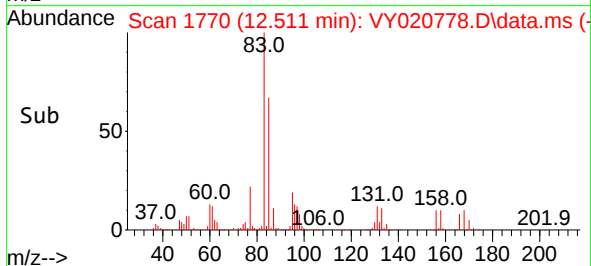
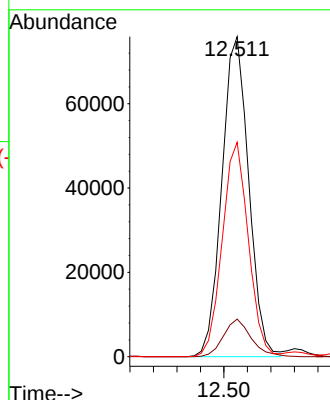
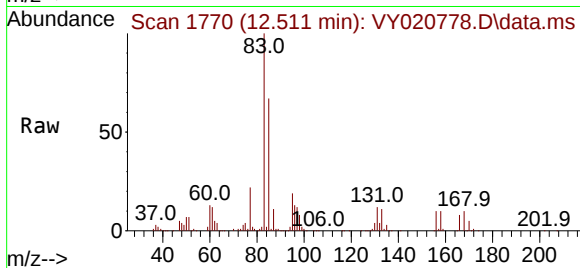
Tgt Ion: 83 Resp: 120344

Ion Ratio Lower Upper

83 100

131 12.1 6.0 18.0

85 65.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 166.632 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY020778.D

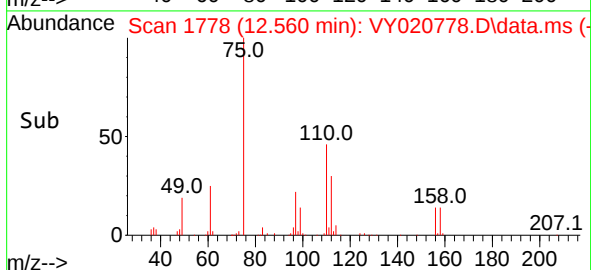
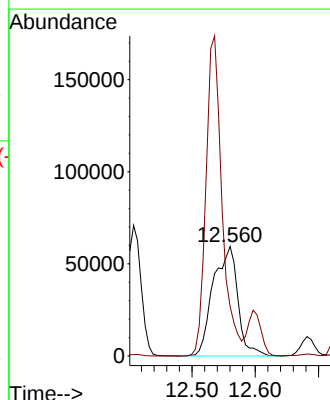
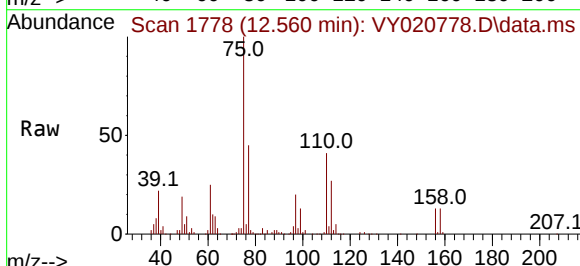
Acq: 06 Jan 2025 11:09

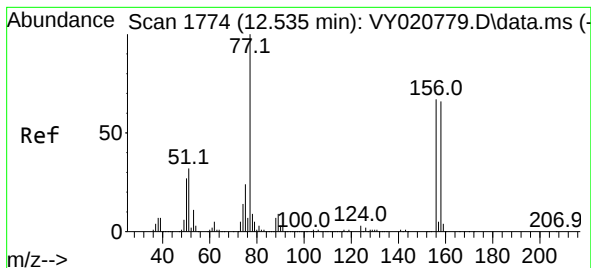
Tgt Ion: 75 Resp: 160413

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 94.819 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

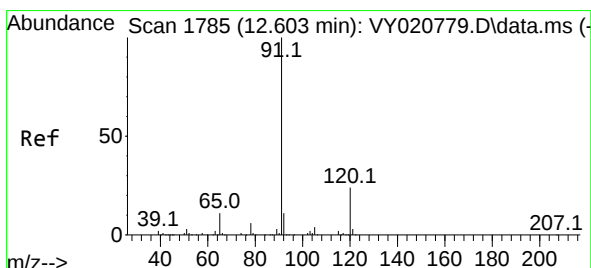
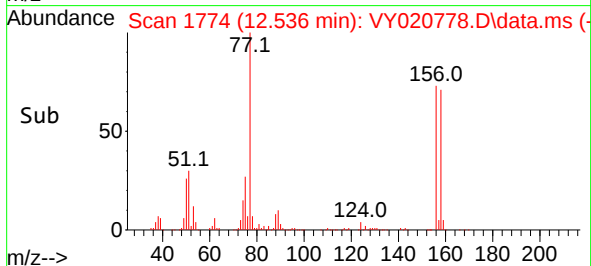
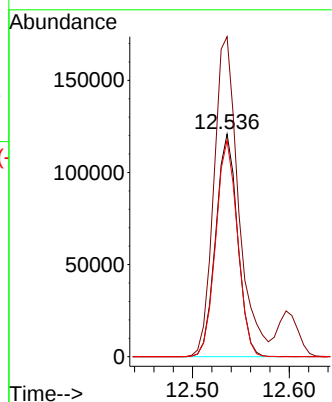
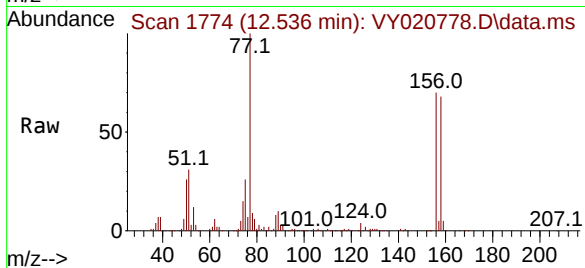
Tgt Ion:156 Resp: 188612

Ion Ratio Lower Upper

156 100

77 162.8 82.3 247.0

158 97.1 48.0 144.0



#78

n-propylbenzene

Concen: 93.982 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020778.D

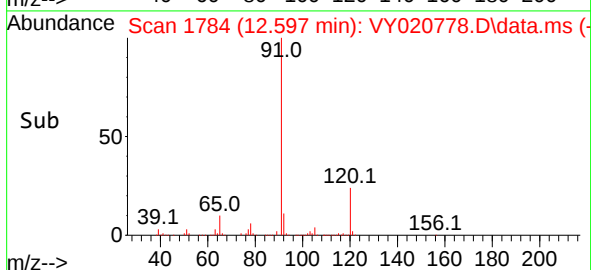
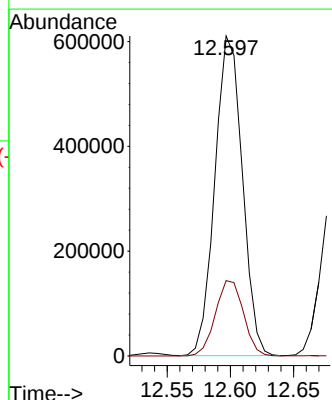
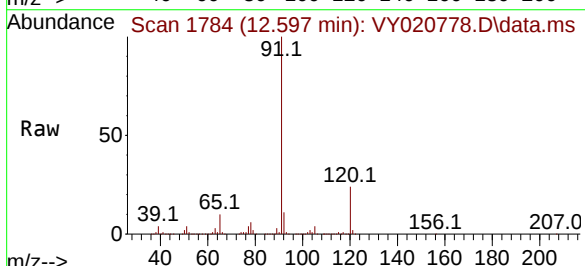
Acq: 06 Jan 2025 11:09

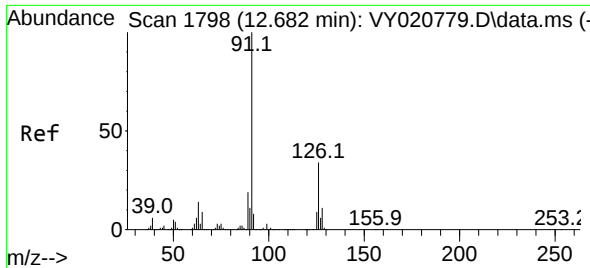
Tgt Ion: 91 Resp: 920359

Ion Ratio Lower Upper

91 100

120 24.1 12.0 36.1

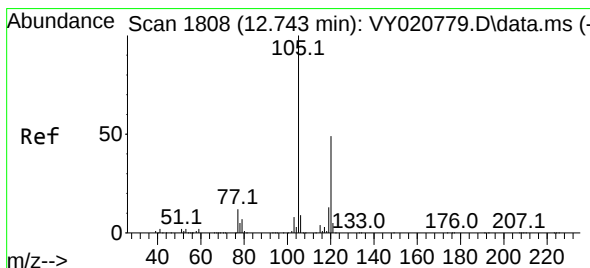
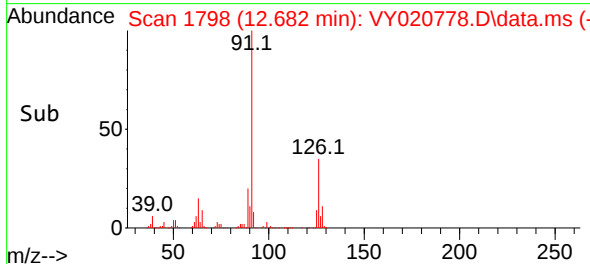
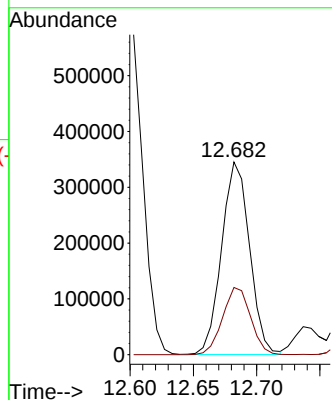
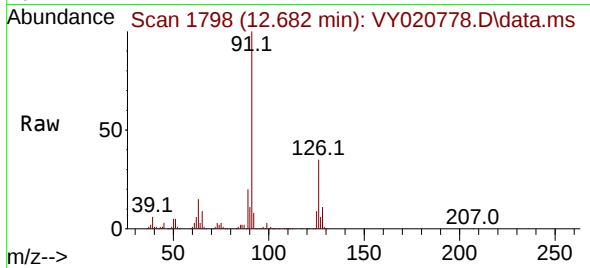




#79
2-Chlorotoluene
Concen: 94.094 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

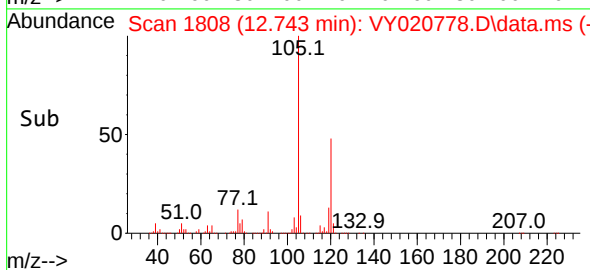
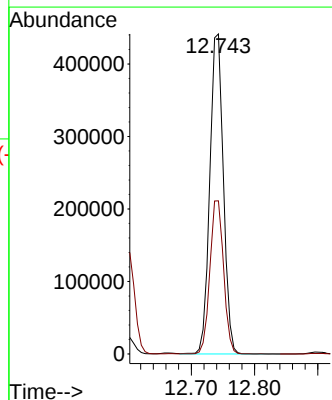
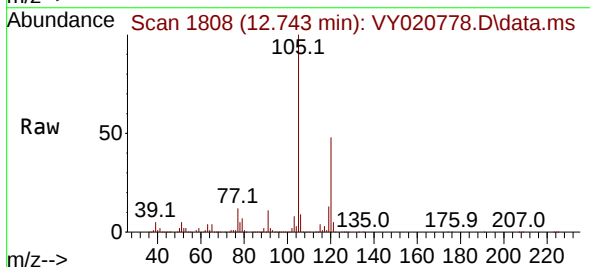
Instrument :
MSVOA_Y
ClientSampleId :

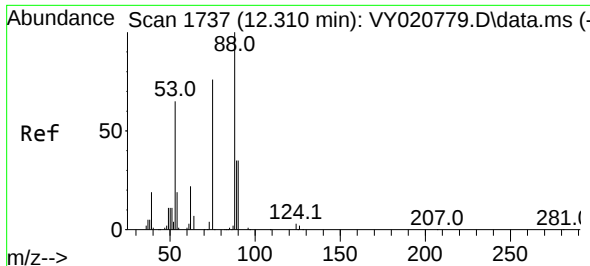
Tgt Ion: 91 Resp: 530633
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 94.206 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Tgt Ion: 105 Resp: 658696
Ion Ratio Lower Upper
105 100
120 48.3 24.5 73.5

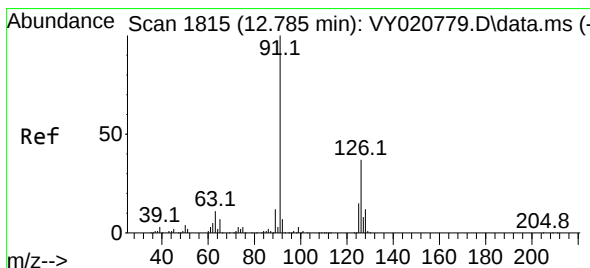
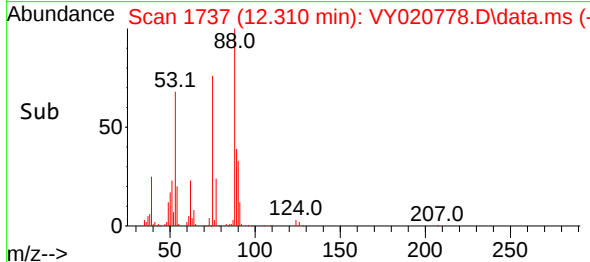
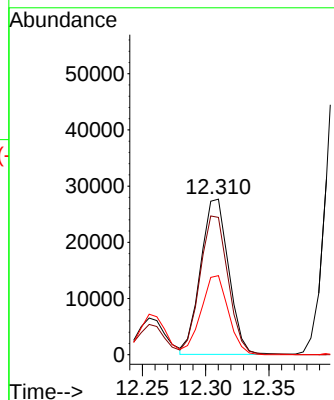
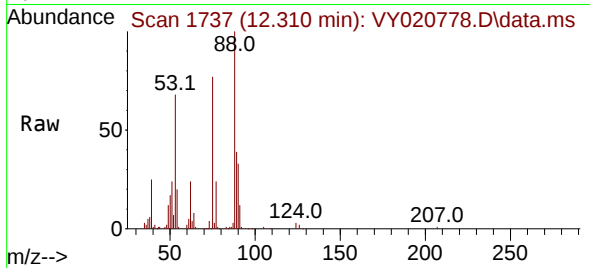




#81
trans-1,4-Dichloro-2-butene
Concen: 94.613 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

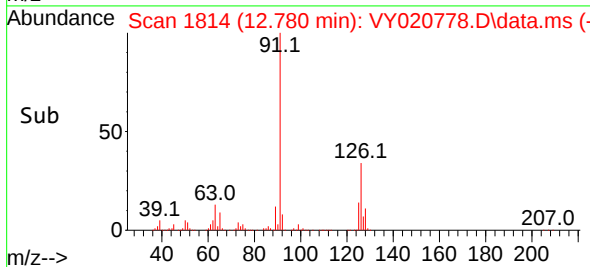
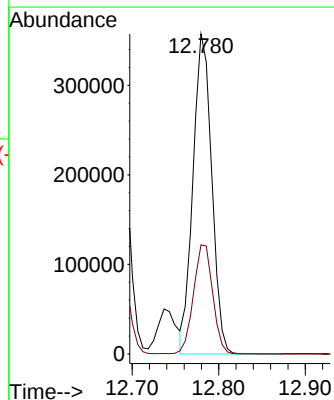
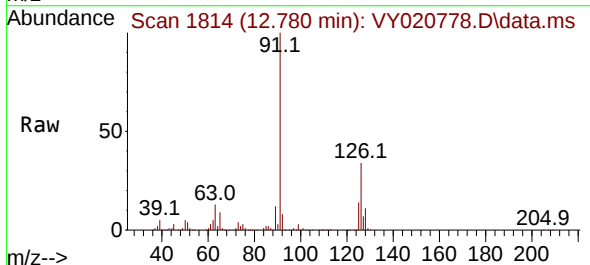
Instrument :
MSVOA_Y
ClientSampleId :

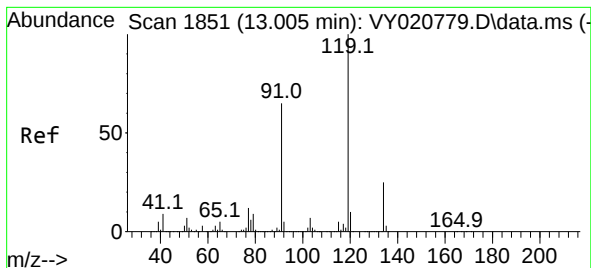
Tgt Ion: 75 Resp: 42699
Ion Ratio Lower Upper
75 100
53 89.9 69.4 104.0
89 49.7 39.6 59.4



#82
4-Chlorotoluene
Concen: 92.111 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Tgt Ion: 91 Resp: 536070
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7





#83

tert-Butylbenzene

Concen: 92.183 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

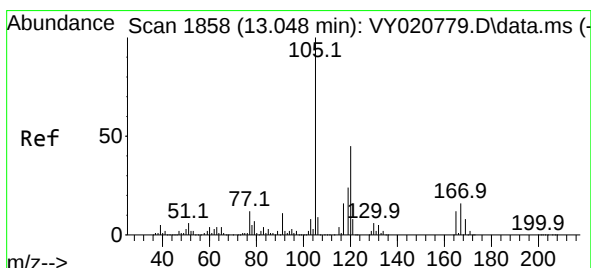
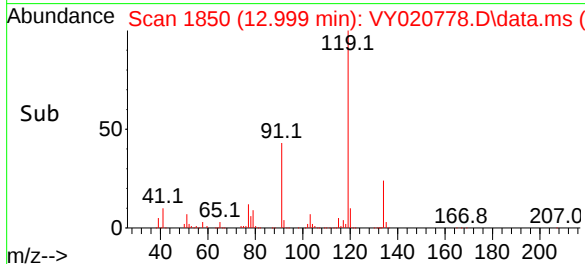
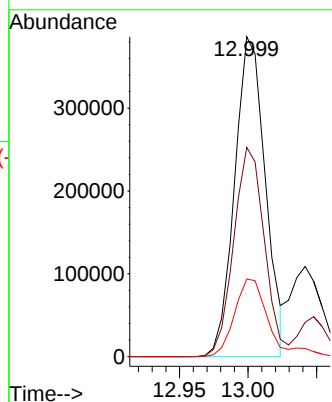
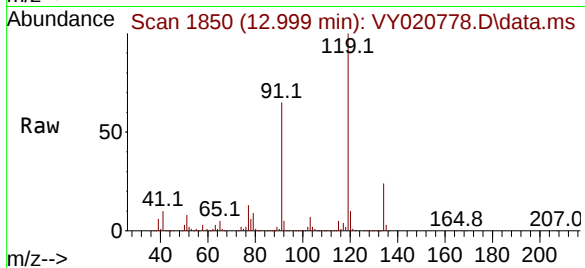
Tgt Ion:119 Resp: 602840

Ion Ratio Lower Upper

119 100

91 65.5 33.0 98.9

134 27.0 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 94.043 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY020778.D

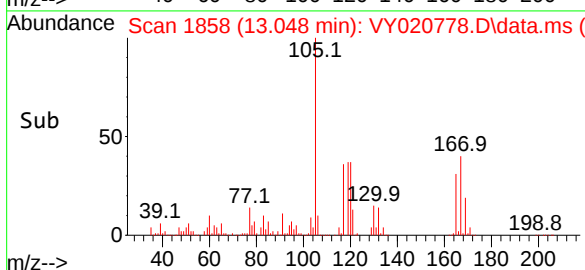
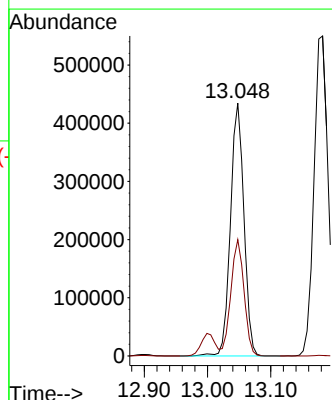
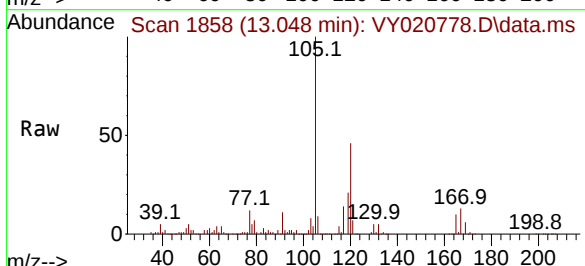
Acq: 06 Jan 2025 11:09

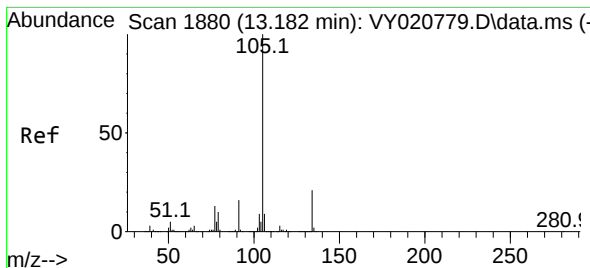
Tgt Ion:105 Resp: 642123

Ion Ratio Lower Upper

105 100

120 45.3 22.4 67.2





#85

sec-Butylbenzene

Concen: 92.737 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Instrument :

MSVOA_Y

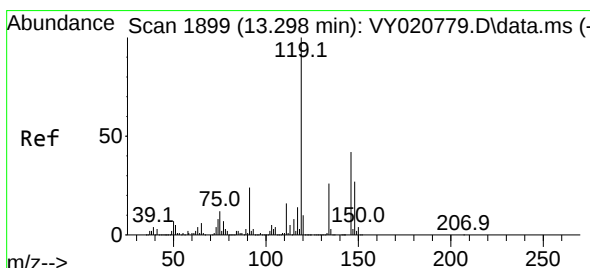
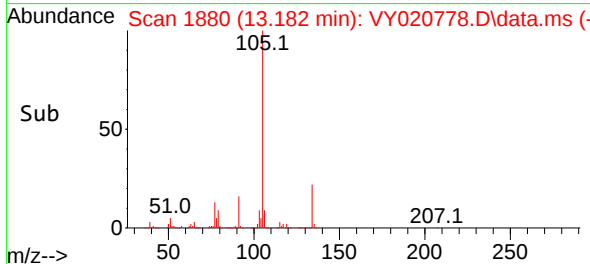
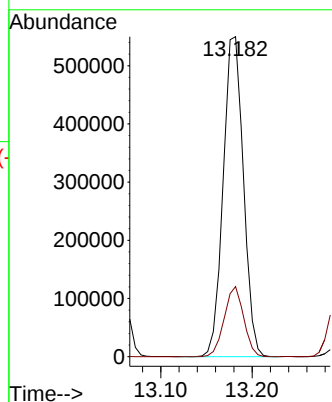
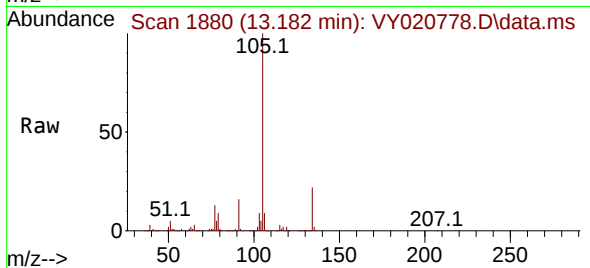
ClientSampleId :

Tgt Ion:105 Resp: 847104

Ion Ratio Lower Upper

105 100

134 21.1 10.5 31.5



#86

p-Isopropyltoluene

Concen: 93.635 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

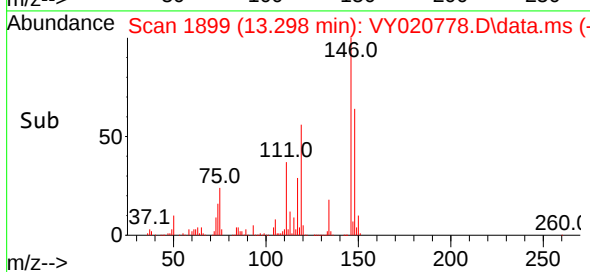
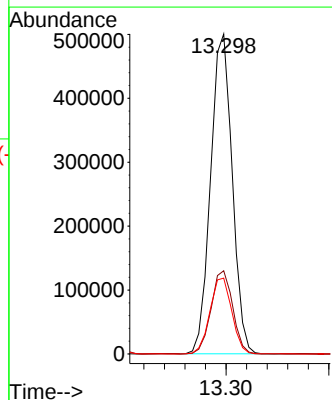
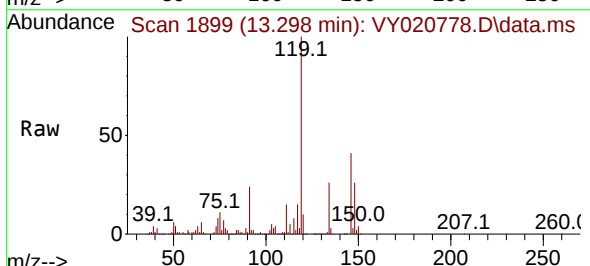
Tgt Ion:119 Resp: 729634

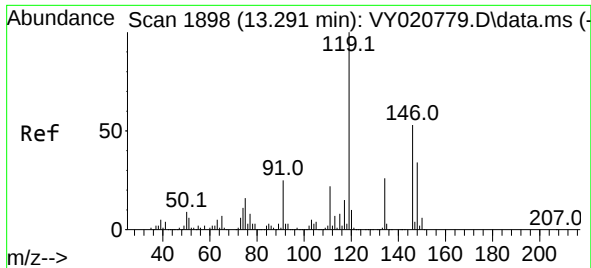
Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

91 24.0 11.8 35.3

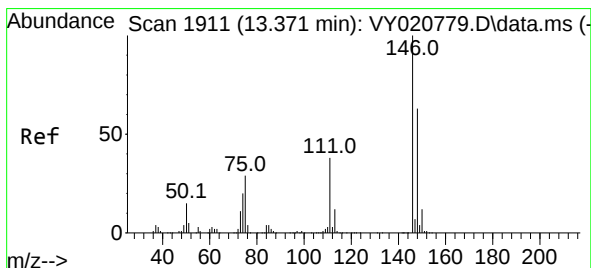
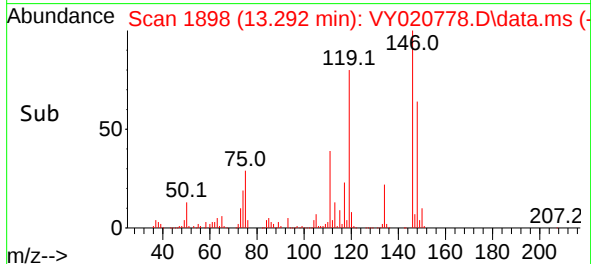
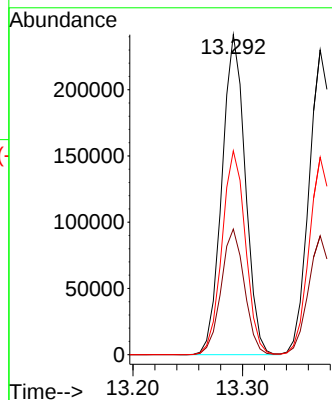
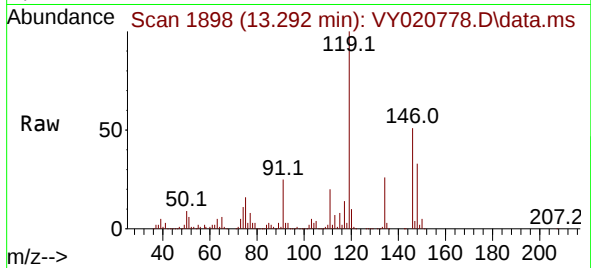




#87
 1,3-Dichlorobenzene
 Concen: 92.670 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY020778.D
 Acq: 06 Jan 2025 11:09

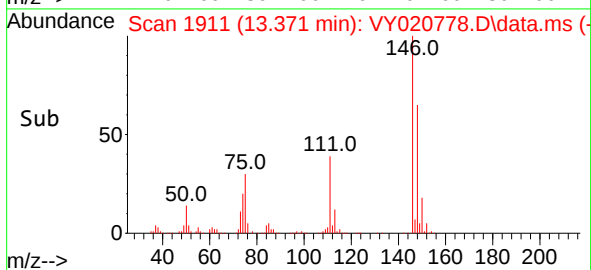
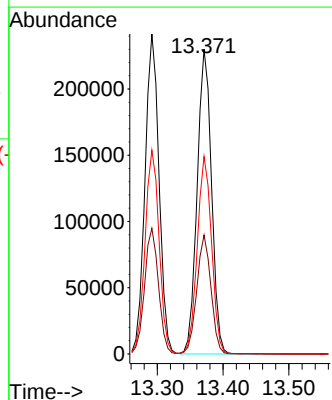
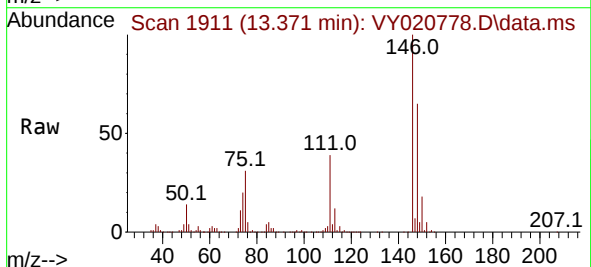
Instrument :
 MSVOA_Y
 ClientSampleId :

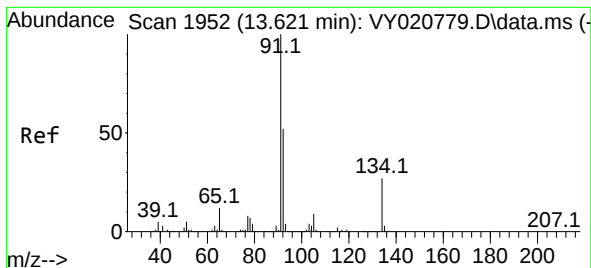
Tgt Ion:146 Resp: 358174
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.5 58.5
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 91.636 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VY020778.D
 Acq: 06 Jan 2025 11:09

Tgt Ion:146 Resp: 348638
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.1 57.3
 148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 95.666 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

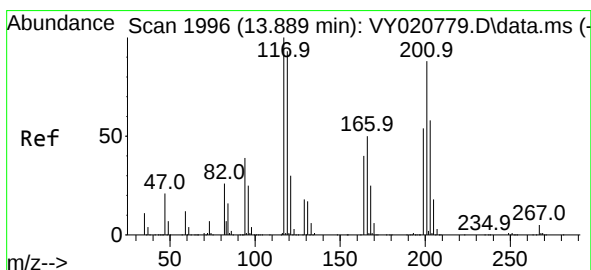
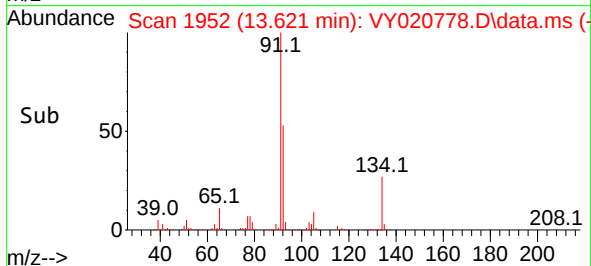
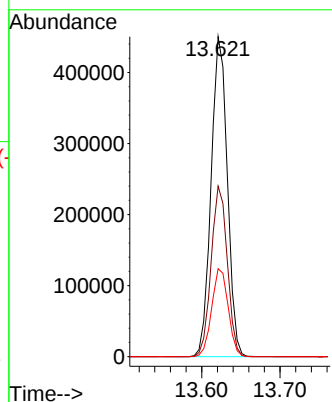
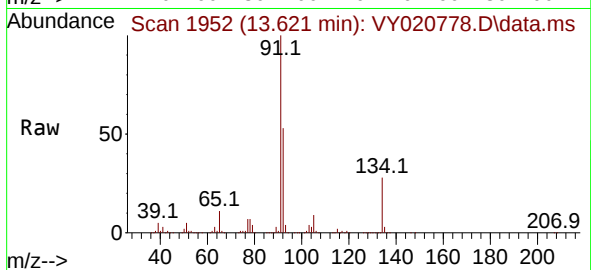
Tgt Ion: 91 Resp: 646727

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.4

134 28.0 13.8 41.4



#90

Hexachloroethane

Concen: 93.608 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020778.D

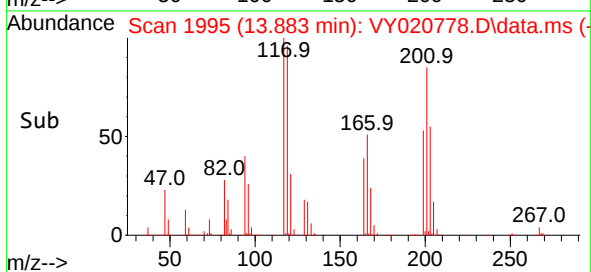
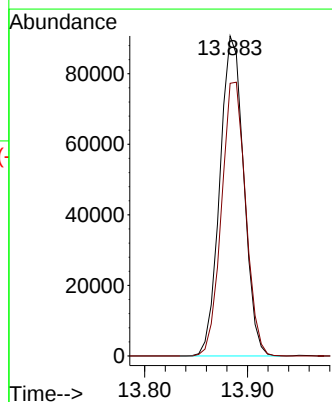
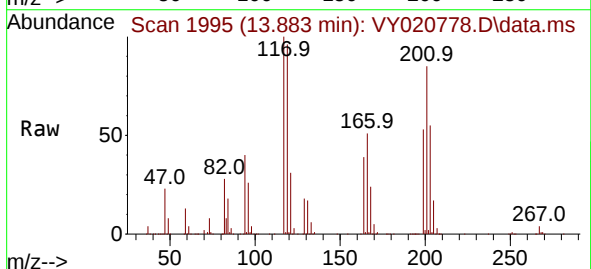
Acq: 06 Jan 2025 11:09

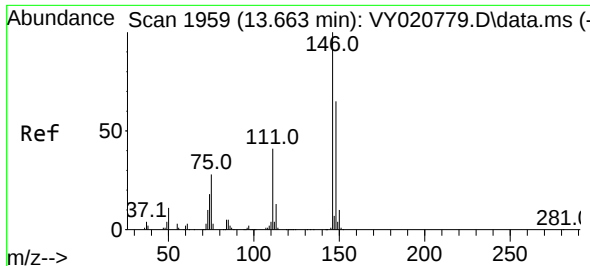
Tgt Ion: 117 Resp: 146467

Ion Ratio Lower Upper

117 100

201 86.3 42.9 128.7

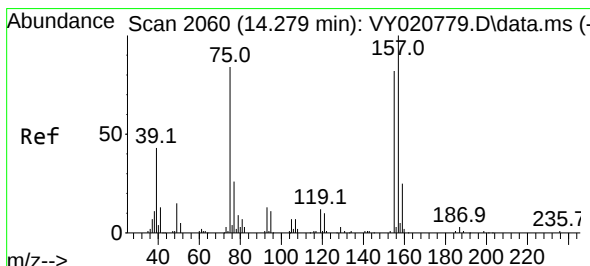
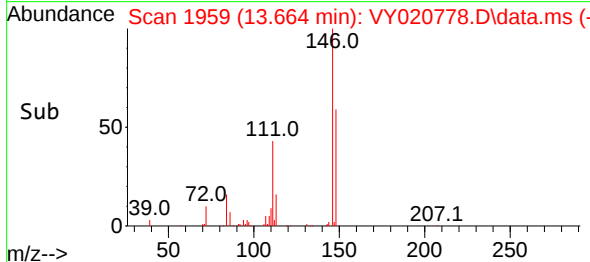
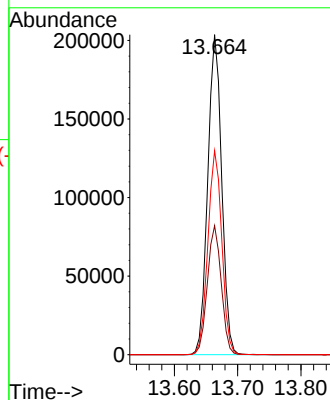
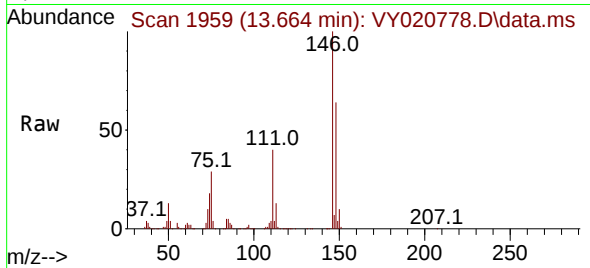




#91
1,2-Dichlorobenzene
Concen: 92.555 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

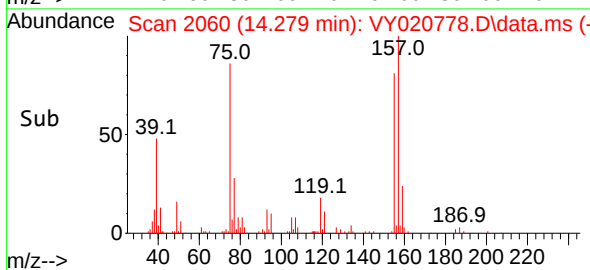
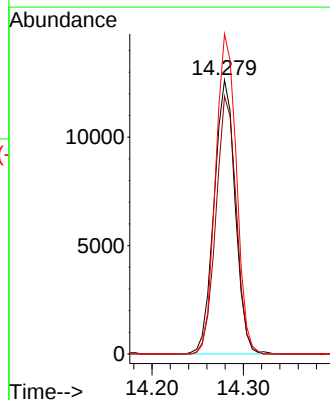
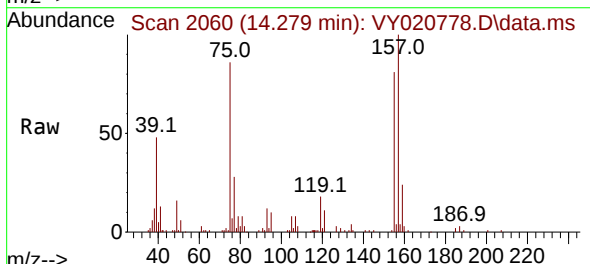
Instrument :
MSVOA_Y
ClientSampleId :

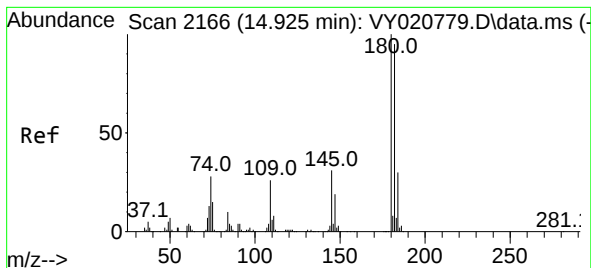
Tgt Ion:146 Resp: 312780
Ion Ratio Lower Upper
146 100
111 40.2 20.0 60.0
148 63.7 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 95.948 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY020778.D
Acq: 06 Jan 2025 11:09

Tgt Ion: 75 Resp: 20287
Ion Ratio Lower Upper
75 100
155 90.3 45.5 136.5
157 115.0 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 103.913 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

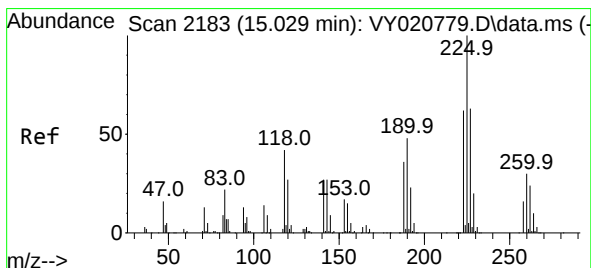
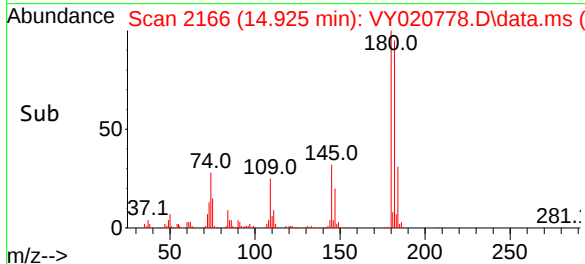
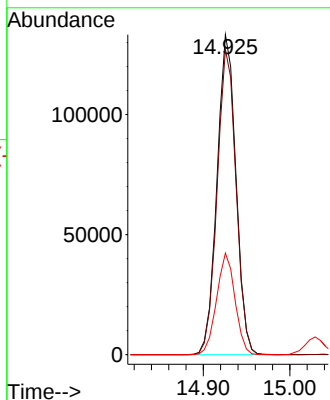
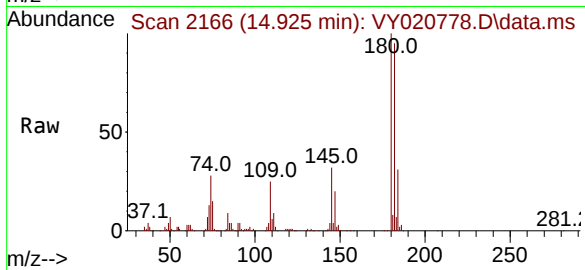
Tgt Ion:180 Resp: 202094

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.9

145 30.9 15.0 45.1



#94

Hexachlorobutadiene

Concen: 100.186 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

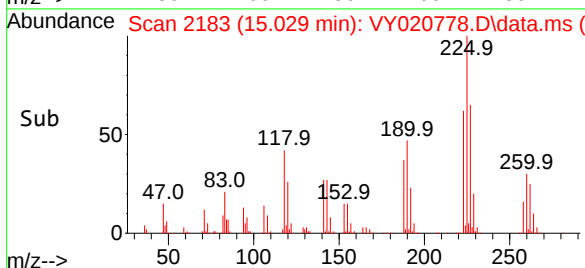
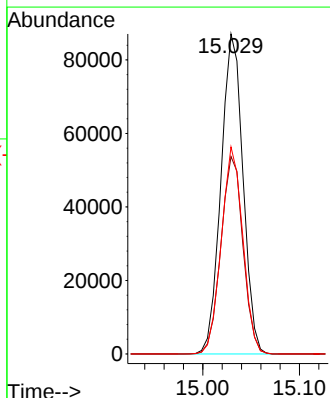
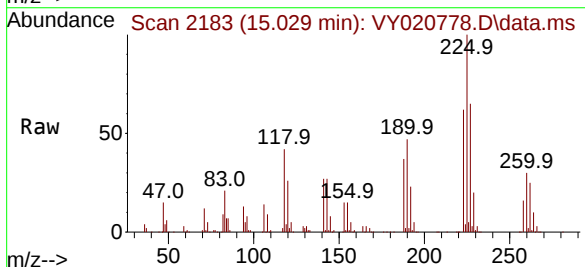
Tgt Ion:225 Resp: 137361

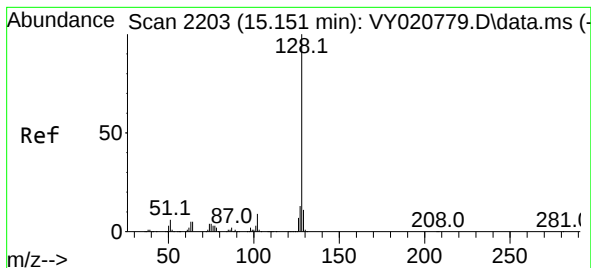
Ion Ratio Lower Upper

225 100

223 61.9 31.6 94.8

227 63.3 32.2 96.6





#95

Naphthalene

Concen: 107.959 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

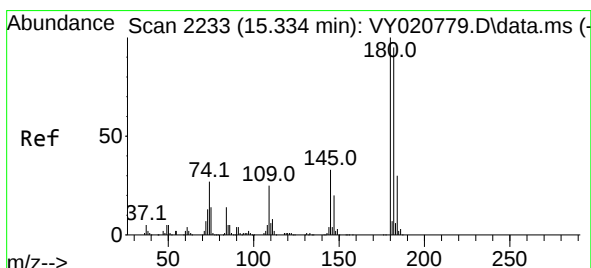
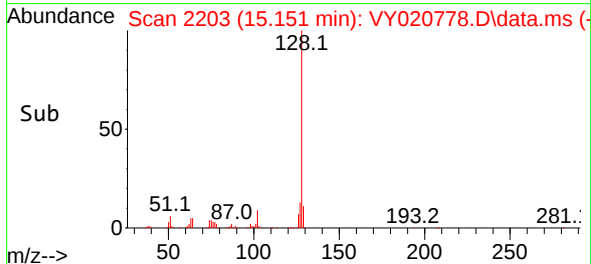
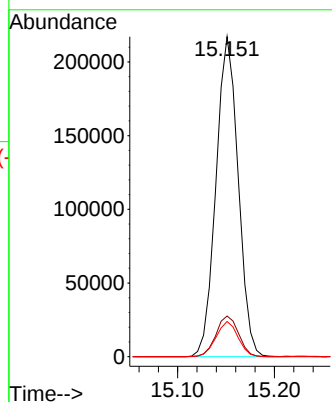
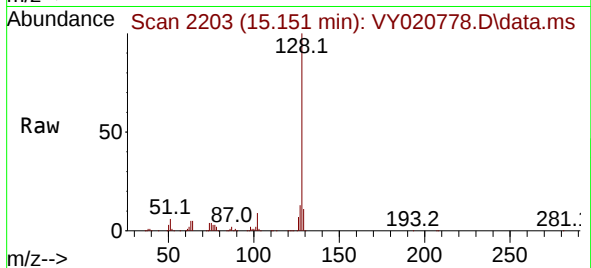
Tgt Ion:128 Resp: 345567

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 104.009 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY020778.D

Acq: 06 Jan 2025 11:09

Tgt Ion:180 Resp: 169472

Ion Ratio Lower Upper

180 100

182 94.3 48.1 144.3

145 32.0 16.1 48.2

