

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020842.D
 Acq On : 17 Jan 2025 09:17
 Operator : SY/MD
 Sample : VSTDCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 17 23:19:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	245039	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	356693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	293536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	144367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	95903	46.046	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.100%		
35) Dibromofluoromethane	7.652	113	105999	47.434	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.860%		
50) Toluene-d8	10.121	98	404503	51.926	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.860%		
62) 4-Bromofluorobenzene	12.420	95	136188	47.341	ug/l	0.01
Spiked Amount 50.000	Range 29 - 146		Recovery =	94.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	76516	42.549	ug/l	96
3) Chloromethane	2.080	50	47737	50.415	ug/l	98
4) Vinyl Chloride	2.220	62	58073	55.171	ug/l	98
5) Bromomethane	2.617	94	36209	48.297	ug/l	98
6) Chloroethane	2.757	64	36550	56.303	ug/l	95
7) Trichlorofluoromethane	3.080	101	153435	47.494	ug/l	95
8) Diethyl Ether	3.470	74	47377	46.895	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.836	101	106696	48.906	ug/l	99
10) Methyl Iodide	4.025	142	114065	48.788	ug/l	95
11) Tert butyl alcohol	4.891	59	31983	203.224	ug/l	99
12) 1,1-Dichloroethene	3.812	96	94158	49.275	ug/l	100
13) Acrolein	3.671	56	6076	137.477	ug/l	96
14) Allyl chloride	4.409	41	137475	49.867	ug/l	94
15) Acrylonitrile	5.086	53	97583	227.271	ug/l	99
16) Acetone	3.885	43	64773	218.701	ug/l	98
17) Carbon Disulfide	4.129	76	203171	49.011	ug/l	99
18) Methyl Acetate	4.403	43	49282	49.281	ug/l	96
19) Methyl tert-butyl Ether	5.135	73	243575	45.167	ug/l	98
20) Methylene Chloride	4.641	84	97300	47.571	ug/l	99
21) trans-1,2-Dichloroethene	5.141	96	99403	47.237	ug/l	98
22) Diisopropyl ether	6.037	45	297953	50.735	ug/l	99
23) Vinyl Acetate	5.982	43	774567	239.210	ug/l	98
24) 1,1-Dichloroethane	5.939	63	183422	47.340	ug/l	99
25) 2-Butanone	6.915	43	110006	226.112	ug/l	99
26) 2,2-Dichloropropane	6.909	77	184694	45.911	ug/l	100
27) cis-1,2-Dichloroethene	6.909	96	124456	46.875	ug/l	100
28) Bromochloromethane	7.268	49	55552	53.134	ug/l	95
29) Tetrahydrofuran	7.281	42	72713	233.967	ug/l	95
30) Chloroform	7.439	83	200402	45.355	ug/l	98
31) Cyclohexane	7.720	56	144403	47.648	ug/l	98
32) 1,1,1-Trichloroethane	7.634	97	192027	44.554	ug/l	100
36) 1,1-Dichloropropene	7.854	75	136894	48.028	ug/l	100
37) Ethyl Acetate	7.006	43	51237	45.172	ug/l	99
38) Carbon Tetrachloride	7.835	117	180098	45.392	ug/l	99
39) Methylcyclohexane	9.122	83	172638	49.358	ug/l	97
40) Benzene	8.097	78	420260	48.041	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	31499	48.490	ug/l	98
42) 1,2-Dichloroethane	8.177	62	105572	44.192	ug/l	99
43) Isopropyl Acetate	8.213	43	106252	46.055	ug/l	99
44) Trichloroethene	8.878	130	114600	46.993	ug/l	97
45) 1,2-Dichloropropane	9.152	63	97219	49.022	ug/l	94
46) Dibromomethane	9.244	93	53034	46.570	ug/l	98
47) Bromodichloromethane	9.439	83	150622	46.182	ug/l	98
48) Methyl methacrylate	9.231	41	49738	48.089	ug/l	97
49) 1,4-Dioxane	9.250	88	10493	867.825	ug/l	93
51) 4-Methyl-2-Pentanone	10.012	43	270199	234.430	ug/l	100
52) Toluene	10.182	92	274035	47.306	ug/l	100
53) t-1,3-Dichloropropene	10.408	75	134431	46.343	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	160205	47.554	ug/l	98
55) 1,1,2-Trichloroethane	10.585	97	75126	46.176	ug/l	97
56) Ethyl methacrylate	10.451	69	97929	47.661	ug/l	97
57) 1,3-Dichloropropane	10.731	76	124590	46.980	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.725	63	179110	219.736	ug/l	98
59) 2-Hexanone	10.774	43	175583	237.456	ug/l	99
60) Dibromochloromethane	10.926	129	107092	45.386	ug/l	98
61) 1,2-Dibromoethane	11.030	107	66677	45.650	ug/l	100
64) Tetrachloroethene	10.658	164	102558	47.522	ug/l	98
65) Chlorobenzene	11.457	112	306090	47.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.530	131	112831	45.668	ug/l	97
67) Ethyl Benzene	11.530	91	537940	47.875	ug/l	99
68) m/p-Xylenes	11.640	106	409880	94.744	ug/l	98
69) o-Xylene	11.969	106	195015	47.543	ug/l	98
70) Styrene	11.981	104	327396	47.416	ug/l	99
71) Bromoform	12.146	173	63398	45.138	ug/l #	99
73) Isopropylbenzene	12.267	105	536605	46.853	ug/l	100
74) N-amyl acetate	12.078	43	92029	49.124	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.517	83	80282	46.249	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	105111	83.211	ug/l #	100
77) Bromobenzene	12.542	156	122477	46.383	ug/l	99
78) n-propylbenzene	12.609	91	619765	47.676	ug/l	100
79) 2-Chlorotoluene	12.694	91	351081	46.898	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	435766	46.949	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.316	75	27229	45.451	ug/l	98
82) 4-Chlorotoluene	12.792	91	359550	46.541	ug/l	99
83) tert-Butylbenzene	13.011	119	410523	47.290	ug/l	96
84) 1,2,4-Trimethylbenzene	13.054	105	426405	47.045	ug/l	100
85) sec-Butylbenzene	13.188	105	578008	47.668	ug/l	100
86) p-Isopropyltoluene	13.304	119	488825	47.257	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	238570	46.499	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	234867	46.504	ug/l	99
89) n-Butylbenzene	13.627	91	429952	47.912	ug/l	99
90) Hexachloroethane	13.889	117	96398	46.411	ug/l	99
91) 1,2-Dichlorobenzene	13.670	146	209970	46.806	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	11652	41.515	ug/l	98
93) 1,2,4-Trichlorobenzene	14.932	180	128474	49.764	ug/l	99
94) Hexachlorobutadiene	15.035	225	86446	47.497	ug/l	99
95) Naphthalene	15.157	128	204142	48.044	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	107021	49.479	ug/l	98

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QLast Update : Tue Jan 07 01:31:46 2025
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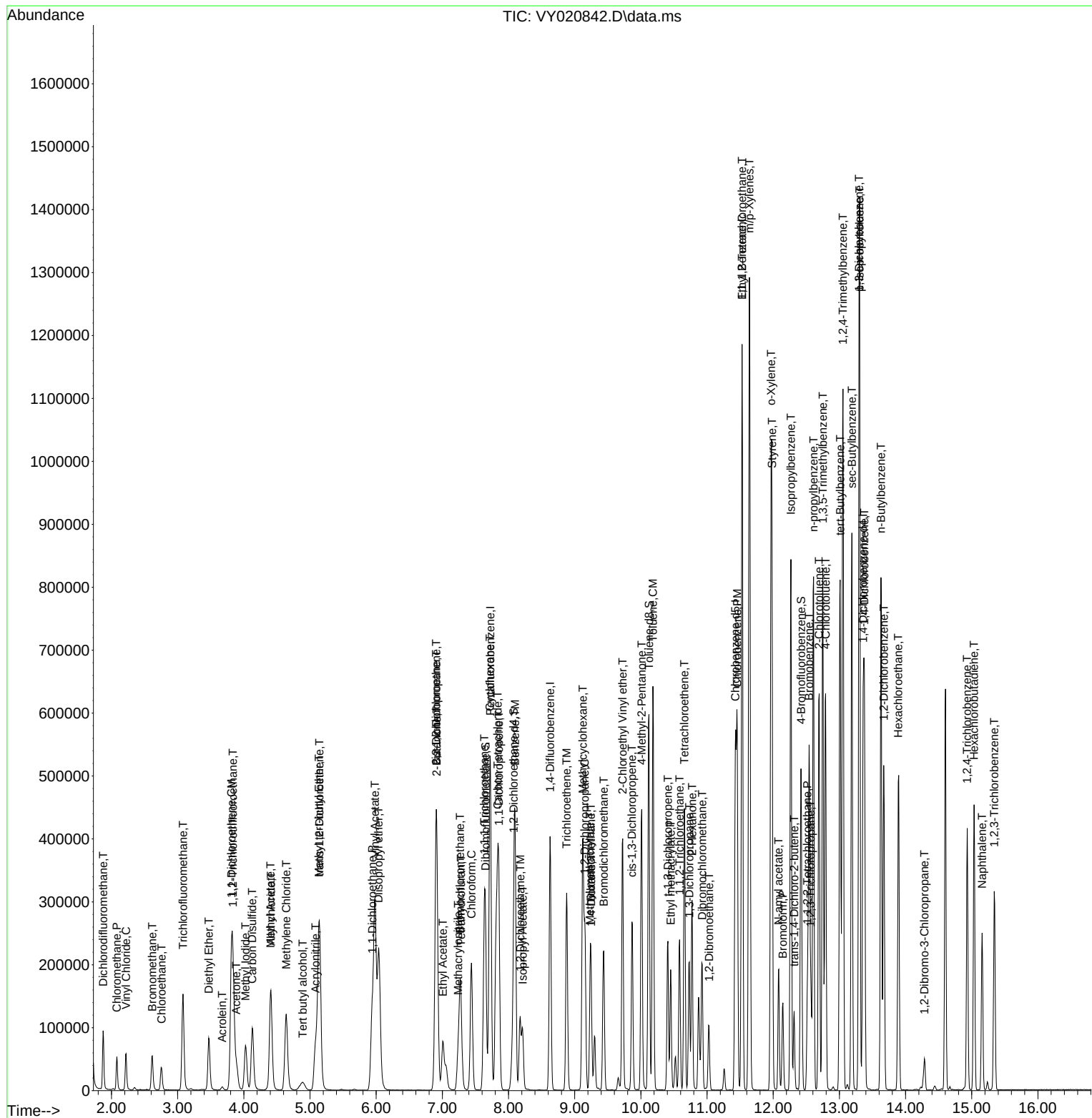
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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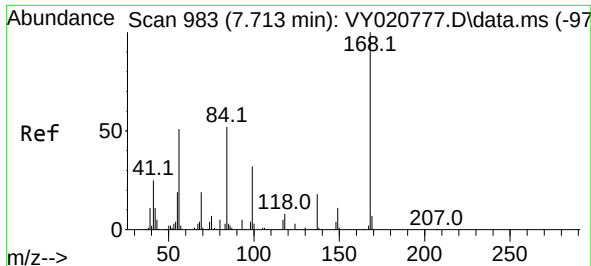
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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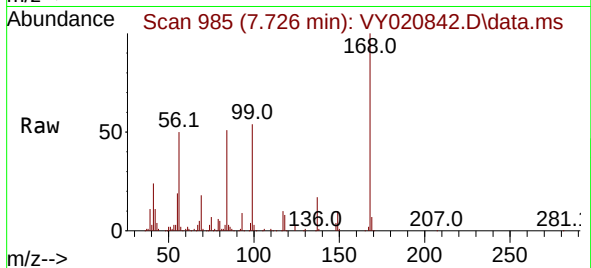
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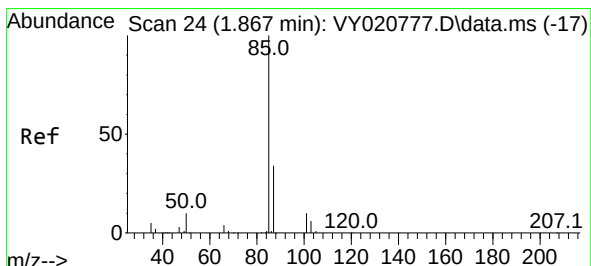
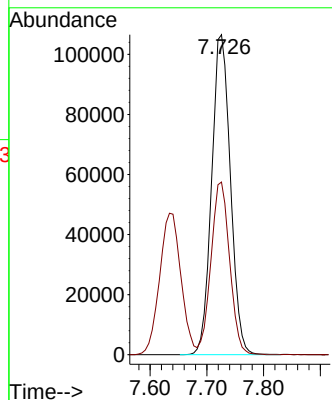
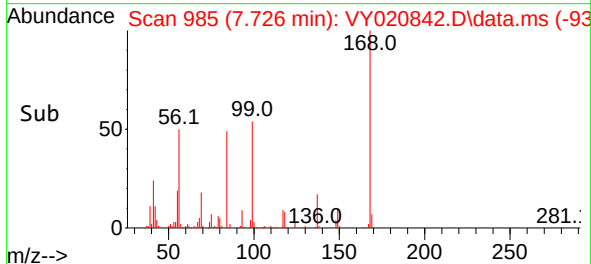


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY020842.D
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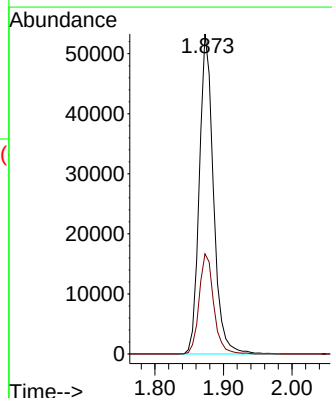
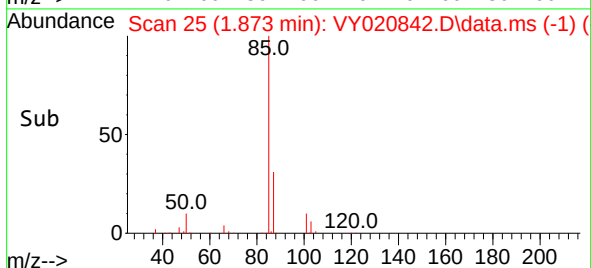
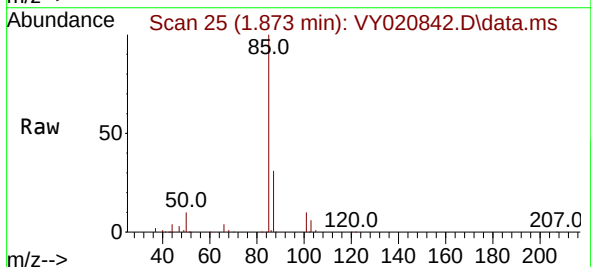


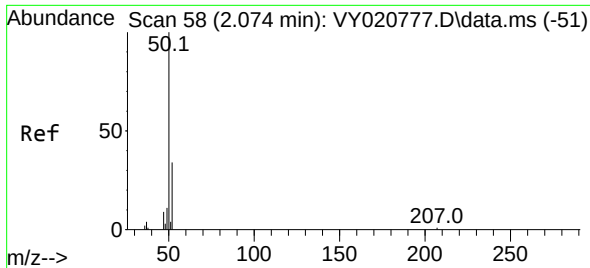
Tgt Ion:168 Resp: 245039
Ion Ratio Lower Upper
168 100
99 54.0 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 42.549 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

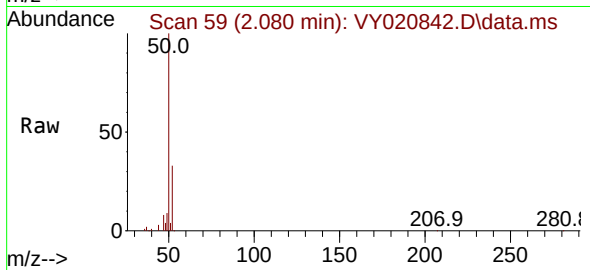
Tgt Ion: 85 Resp: 76516
Ion Ratio Lower Upper
85 100
87 31.3 16.9 50.6



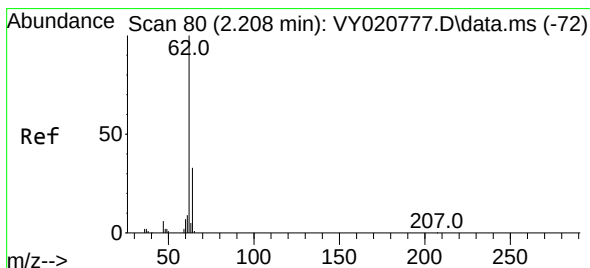
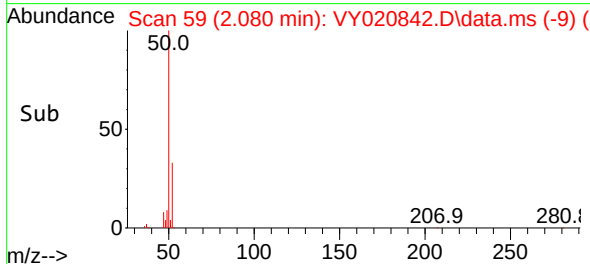
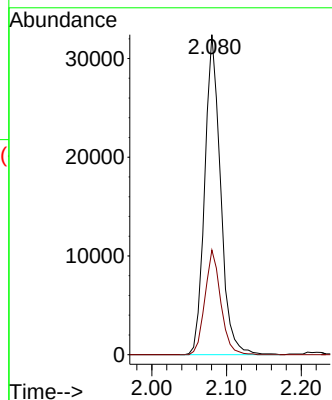


#3
Chloromethane
Concen: 50.415 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :

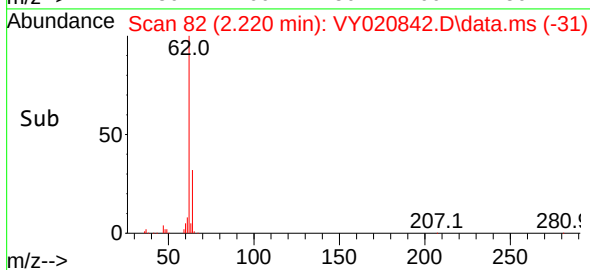
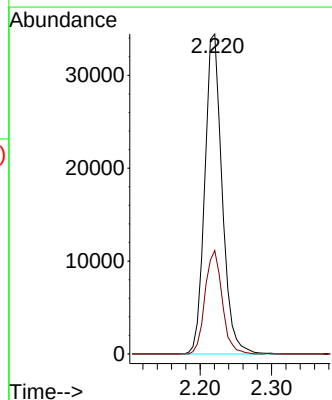
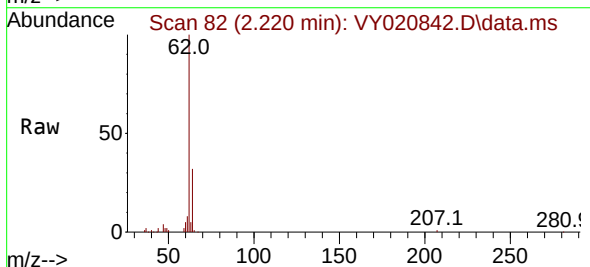


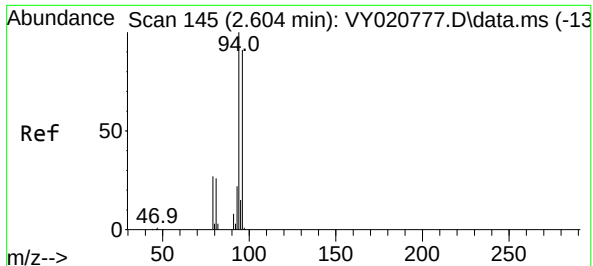
Tgt Ion: 50 Resp: 47737
Ion Ratio Lower Upper
50 100
52 32.7 27.3 40.9



#4
Vinyl Chloride
Concen: 55.171 ug/l
RT: 2.220 min Scan# 82
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 62 Resp: 58073
Ion Ratio Lower Upper
62 100
64 32.3 26.6 39.8

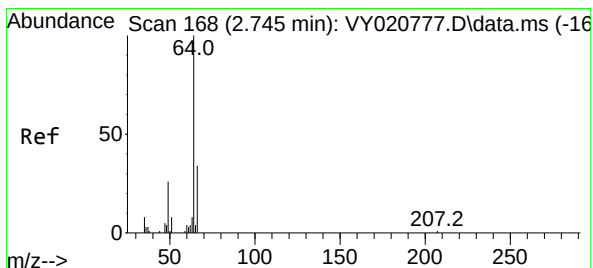
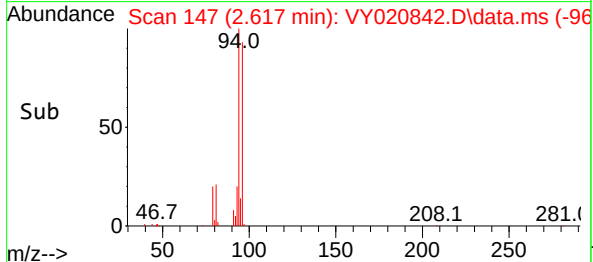
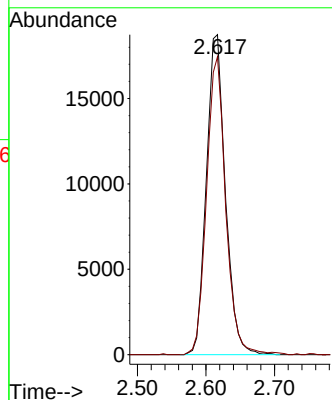
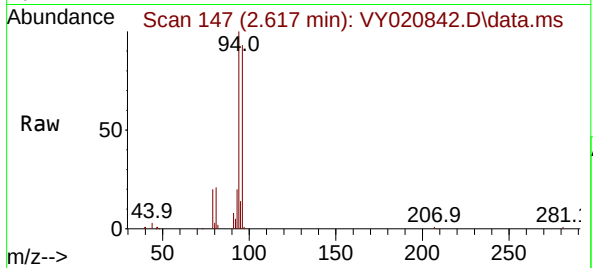




#5
Bromomethane
Concen: 48.297 ug/l
RT: 2.617 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

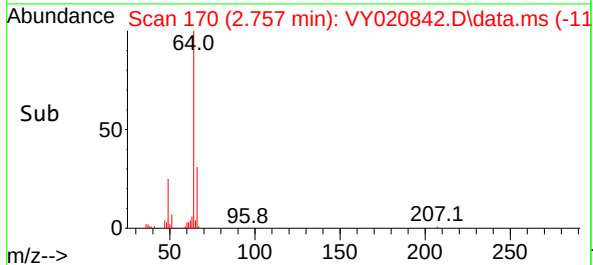
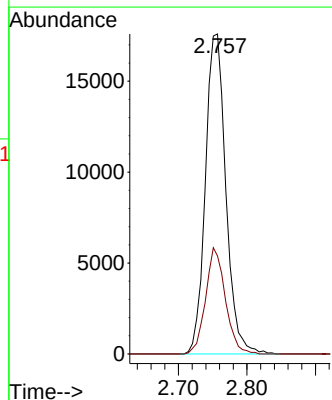
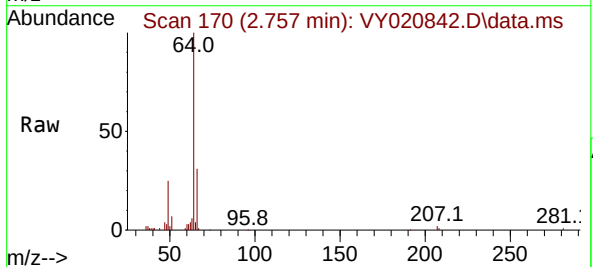
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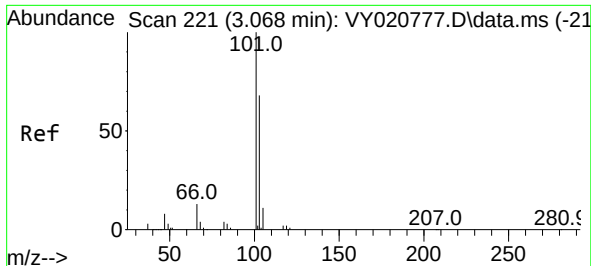
Tgt Ion: 94 Resp: 36209
Ion Ratio Lower Upper
94 100
96 93.1 72.6 109.0



#6
Chloroethane
Concen: 56.303 ug/l
RT: 2.757 min Scan# 170
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

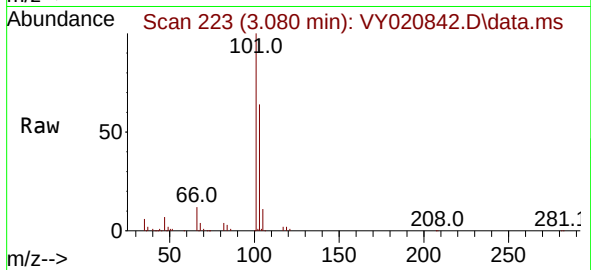
Tgt Ion: 64 Resp: 36550
Ion Ratio Lower Upper
64 100
66 30.6 26.9 40.3



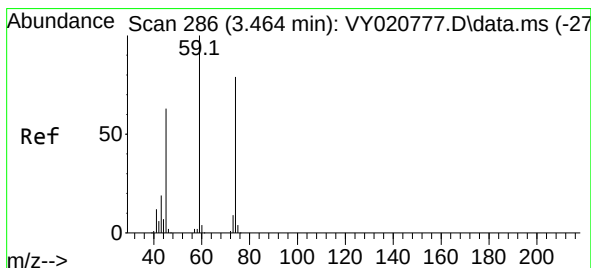
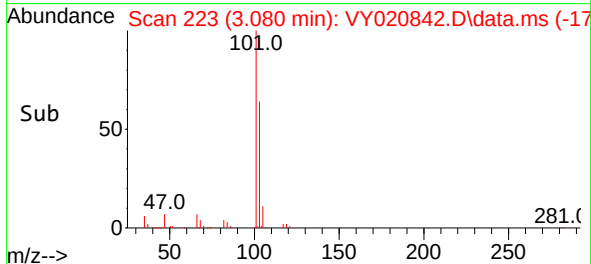
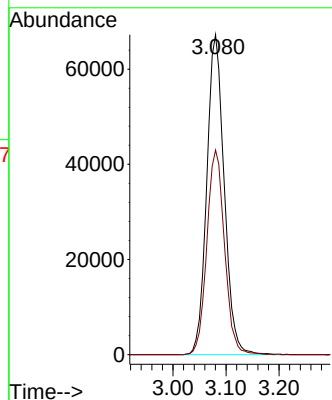


#7
Trichlorofluoromethane
Concen: 47.494 ug/l
RT: 3.080 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY020842.D
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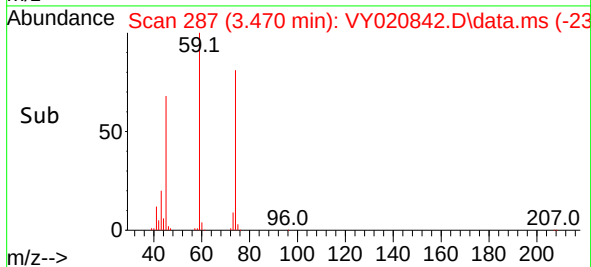
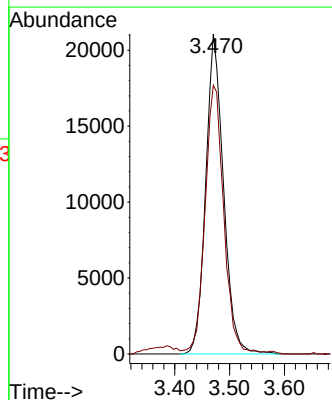
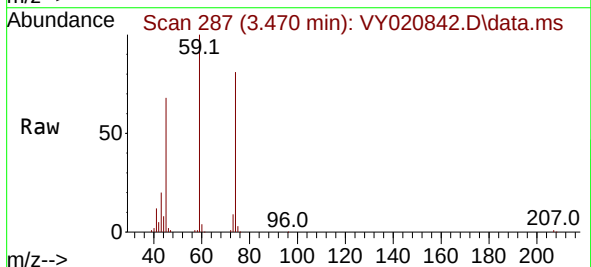


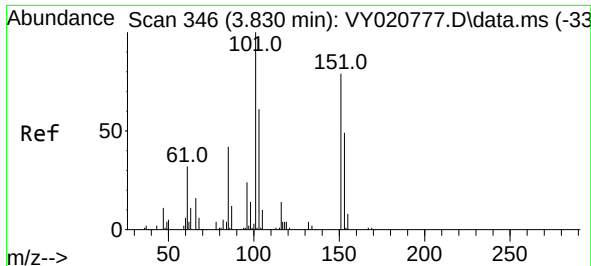
Tgt Ion:101 Resp: 153435
Ion Ratio Lower Upper
101 100
103 63.9 54.6 82.0



#8
Diethyl Ether
Concen: 46.895 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 74 Resp: 47377
Ion Ratio Lower Upper
74 100
45 87.0 41.3 124.1

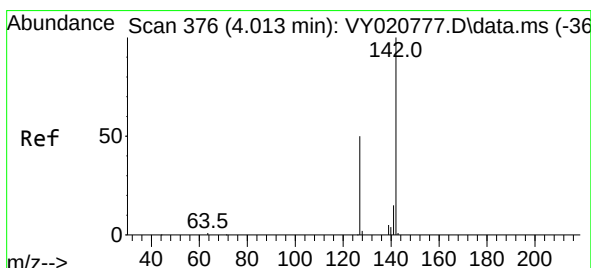
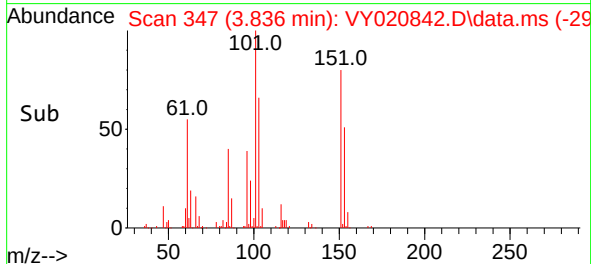
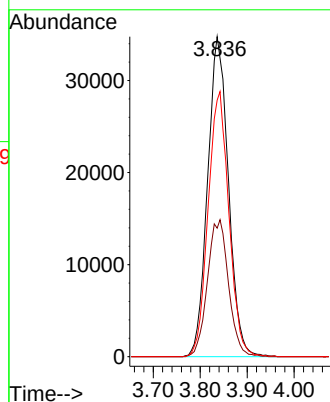
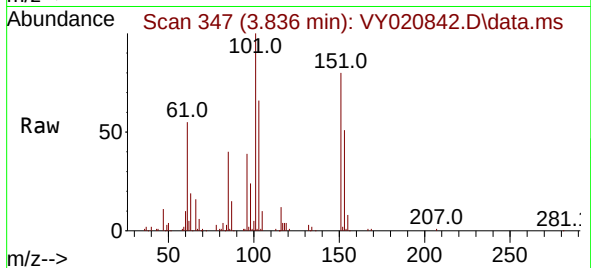




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.906 ug/l
RT: 3.836 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

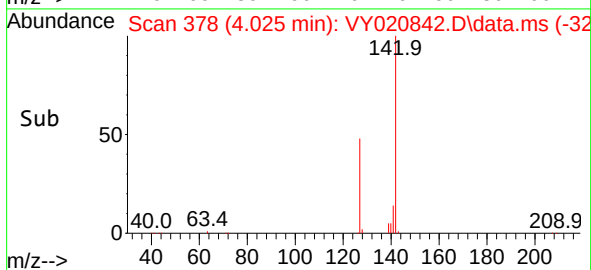
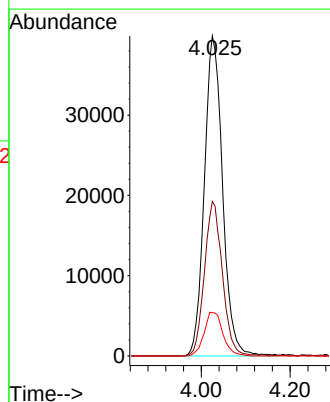
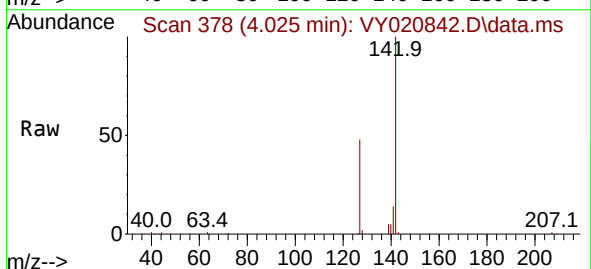
Instrument :
MSVOA_Y
ClientSampleId :

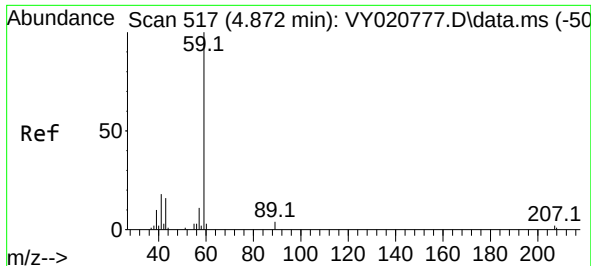
Tgt Ion:101 Resp: 106696
Ion Ratio Lower Upper
101 100
85 43.5 35.9 53.9
151 83.0 66.9 100.3



#10
Methyl Iodide
Concen: 48.788 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion:142 Resp: 114065
Ion Ratio Lower Upper
142 100
127 47.4 41.0 61.6
141 14.0 11.6 17.4

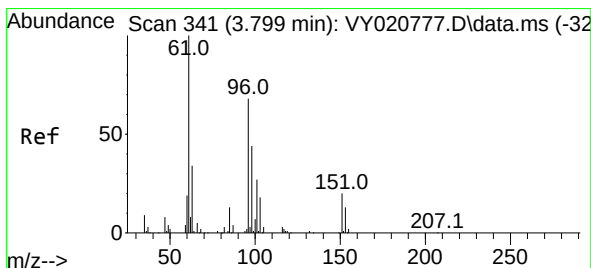
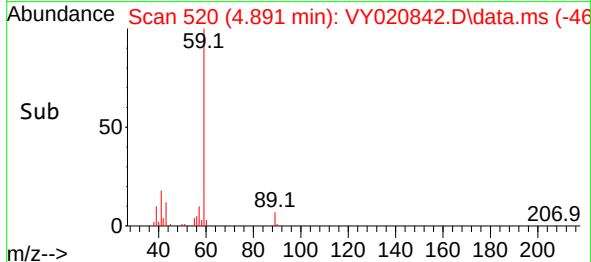
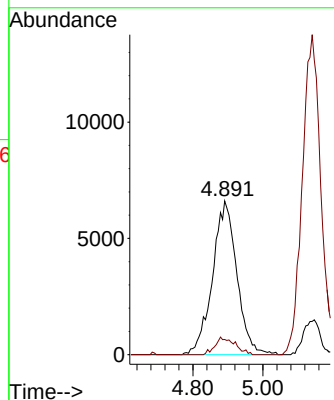
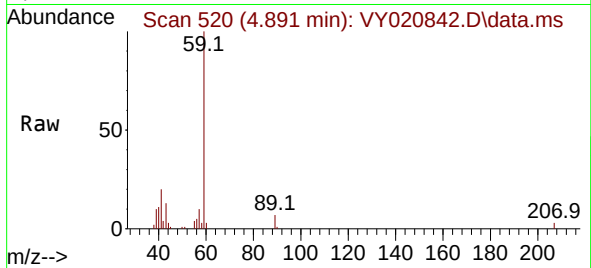




#11
Tert butyl alcohol
Concen: 203.224 ug/l
RT: 4.891 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

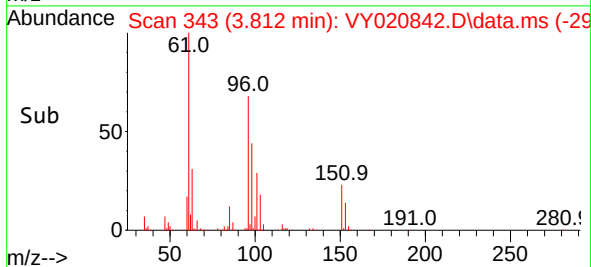
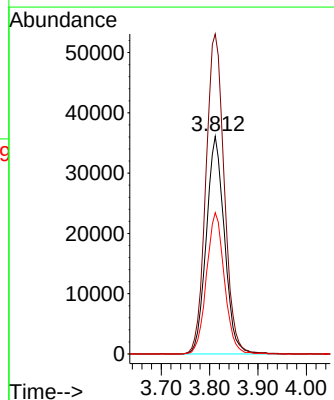
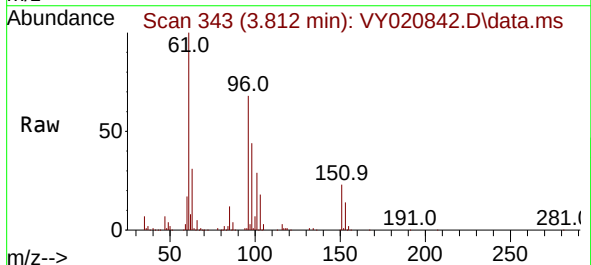
Instrument :
MSVOA_Y
ClientSampleId :

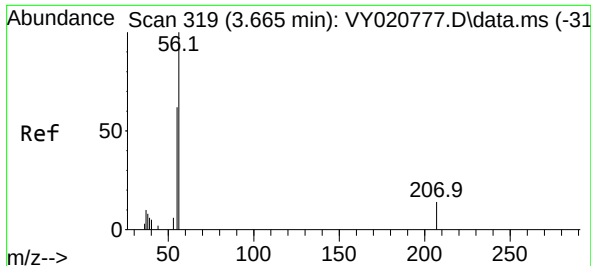
Tgt Ion: 59 Resp: 31983
Ion Ratio Lower Upper
59 100
57 9.3 7.8 11.8



#12
1,1-Dichloroethene
Concen: 49.275 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 96 Resp: 94158
Ion Ratio Lower Upper
96 100
61 147.0 117.8 176.8
98 64.9 51.9 77.9

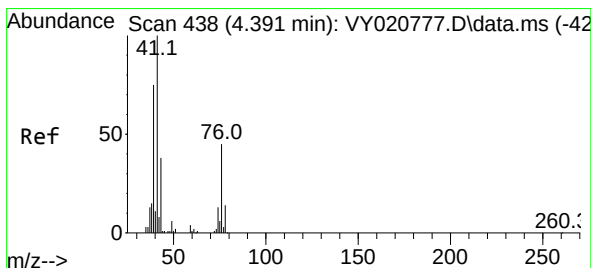
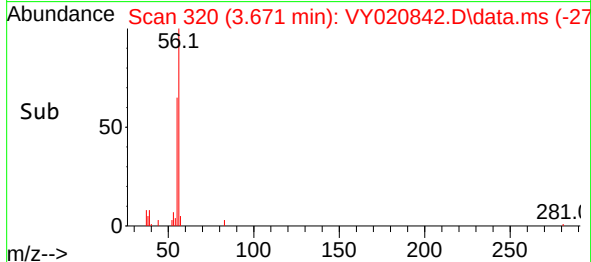
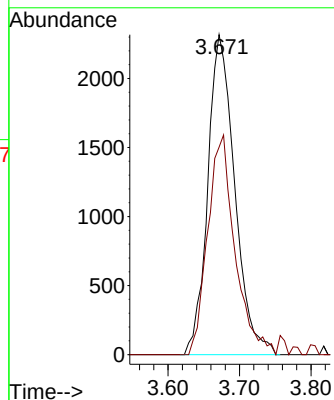
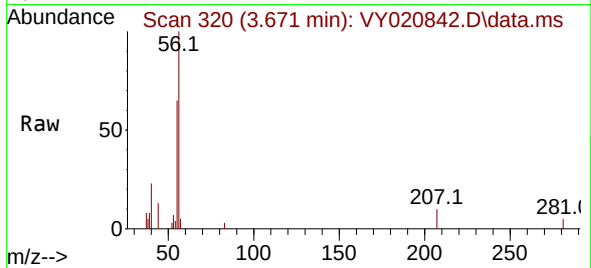




#13
Acrolein
Concen: 137.477 ug/l
RT: 3.671 min Scan# 319
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

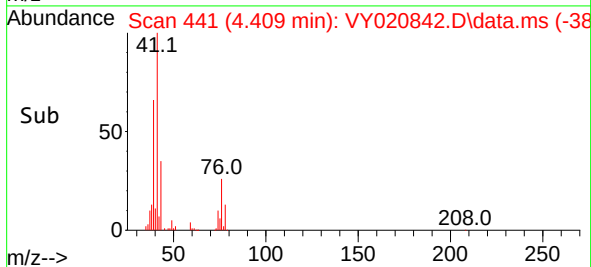
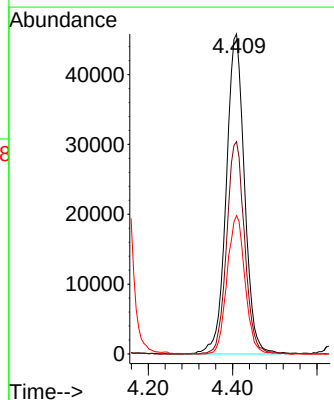
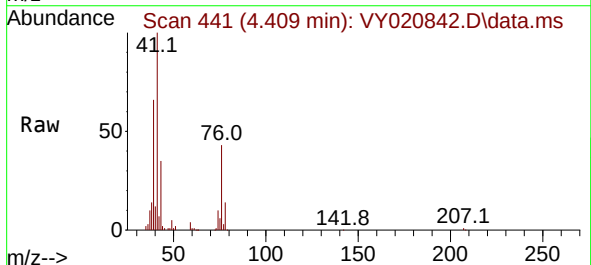
Instrument :
MSVOA_Y
ClientSampleId :

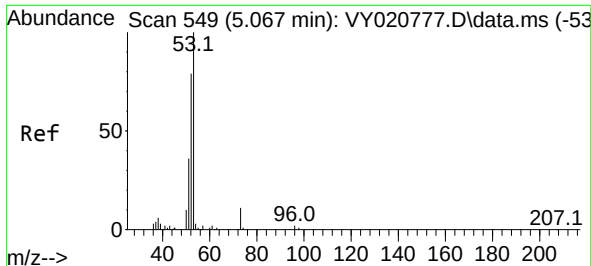
Tgt Ion: 56 Resp: 6076
Ion Ratio Lower Upper
56 100
55 69.1 58.1 87.1



#14
Allyl chloride
Concen: 49.867 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.018 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

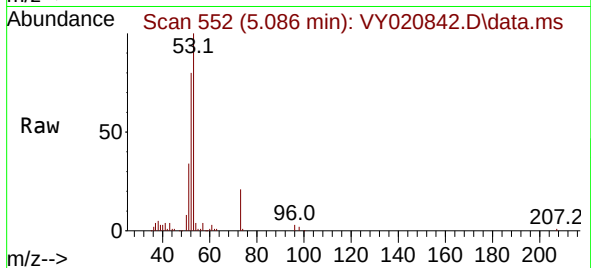
Tgt Ion: 41 Resp: 137475
Ion Ratio Lower Upper
41 100
39 65.3 57.5 86.3
76 42.5 35.6 53.4



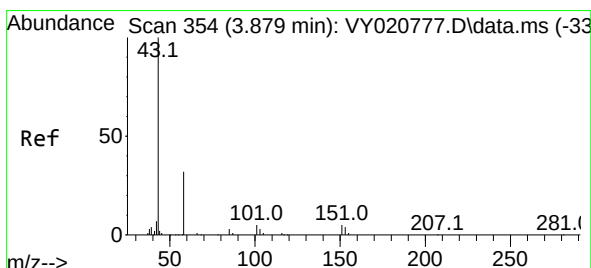
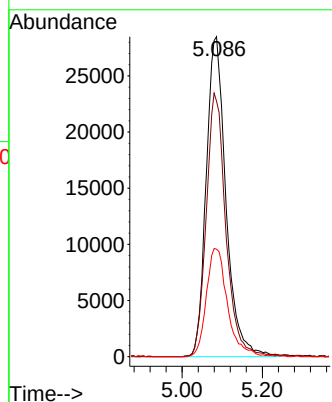
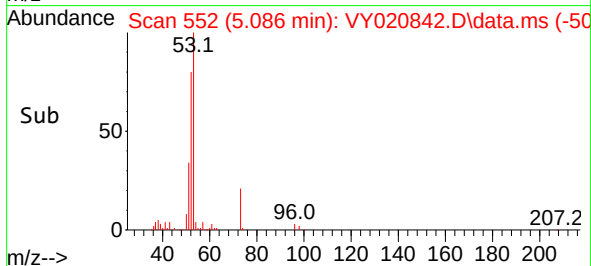


#15
Acrylonitrile
Concen: 227.271 ug/l
RT: 5.086 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :

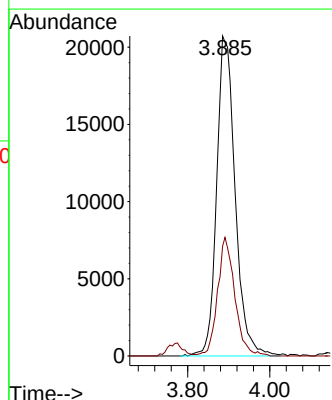
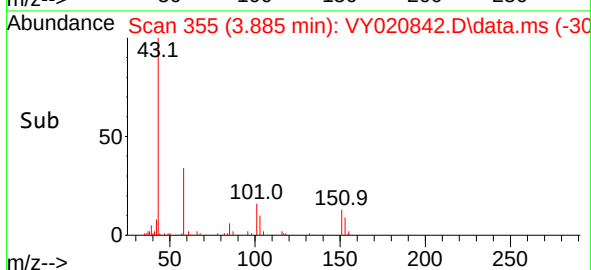
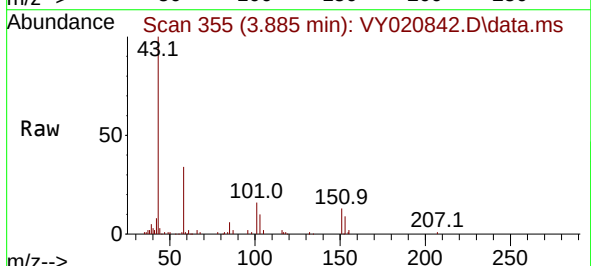


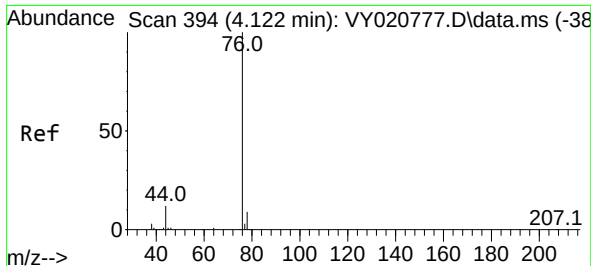
Tgt Ion: 53 Resp: 97583
Ion Ratio Lower Upper
53 100
52 81.5 64.3 96.5
51 36.4 29.3 43.9



#16
Acetone
Concen: 218.701 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 43 Resp: 64773
Ion Ratio Lower Upper
43 100
58 34.3 26.7 40.1

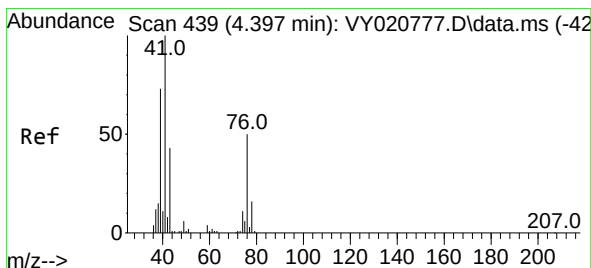
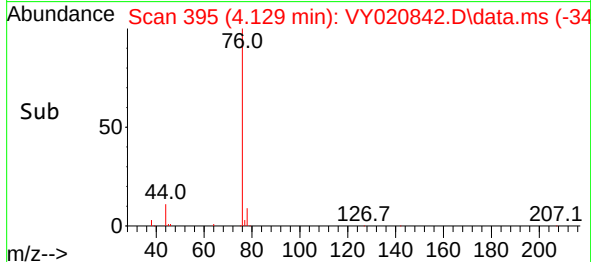
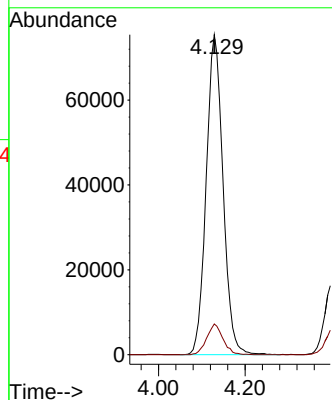
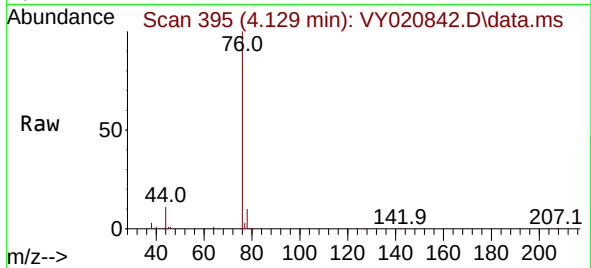




#17
Carbon Disulfide
Concen: 49.011 ug/l
RT: 4.129 min Scan# 394
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

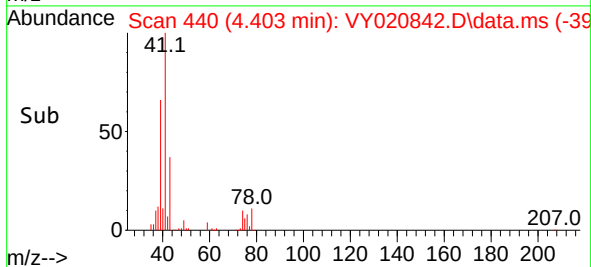
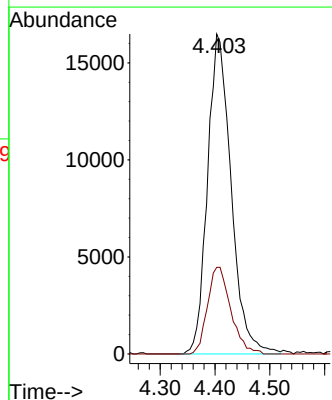
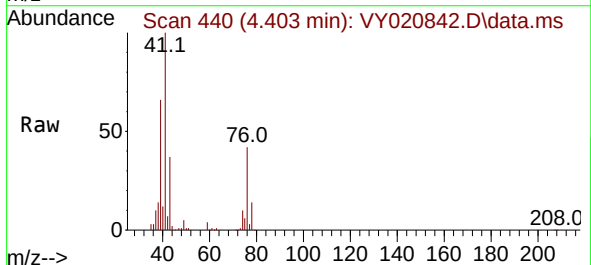
Instrument :
MSVOA_Y
ClientSampleId :

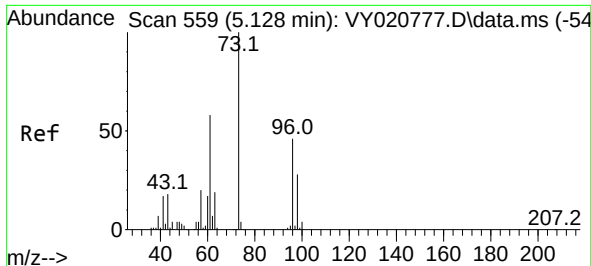
Tgt Ion: 76 Resp: 203171
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 49.281 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 43 Resp: 49282
Ion Ratio Lower Upper
43 100
74 26.7 23.0 34.6

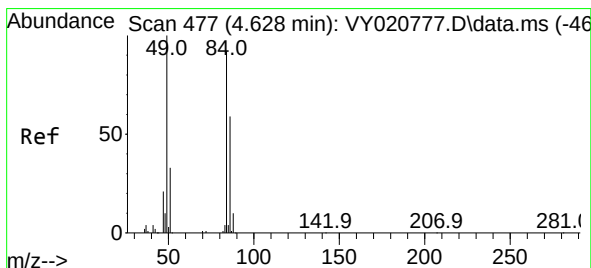
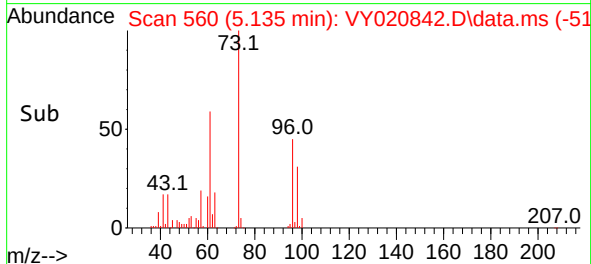
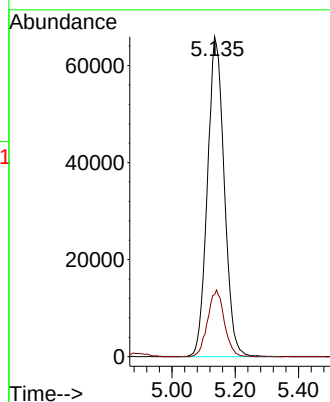
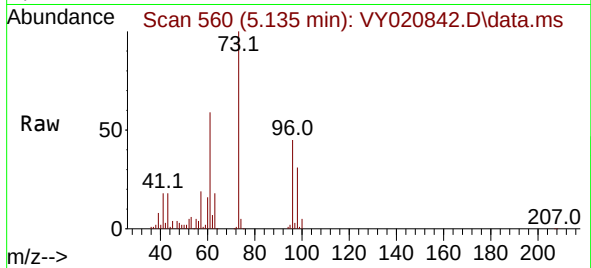




#19
Methyl tert-butyl Ether
Concen: 45.167 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

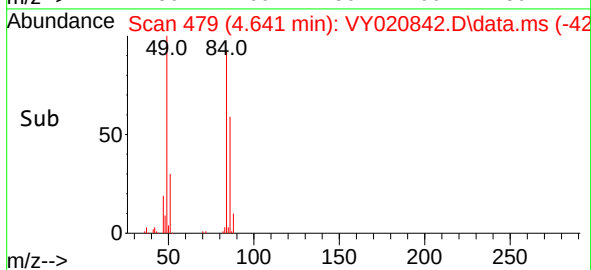
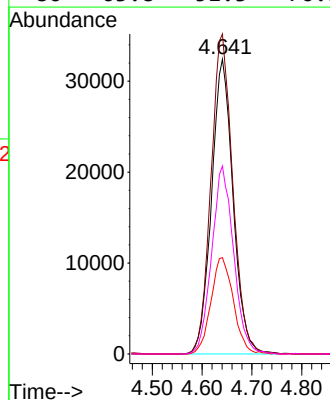
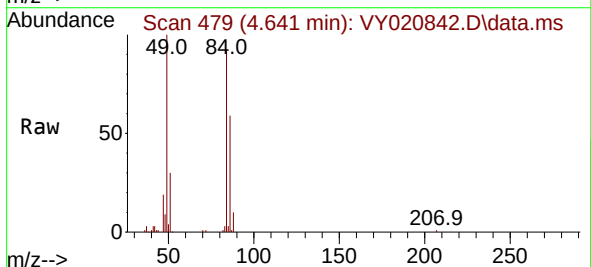
Instrument :
MSVOA_Y
ClientSampleId :

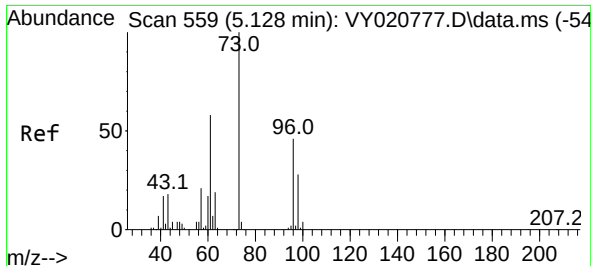
Tgt Ion: 73 Resp: 243575
Ion Ratio Lower Upper
73 100
57 19.4 16.4 24.6



#20
Methylene Chloride
Concen: 47.571 ug/l
RT: 4.641 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 84 Resp: 97300
Ion Ratio Lower Upper
84 100
49 108.6 86.7 130.1
51 32.7 28.4 42.6
86 63.8 51.3 76.9

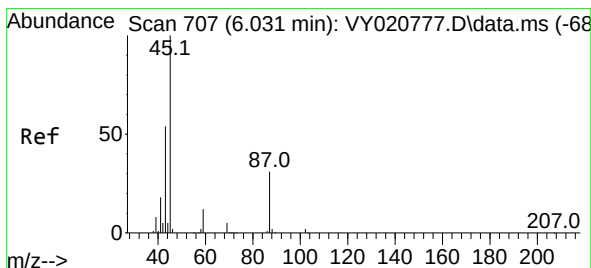
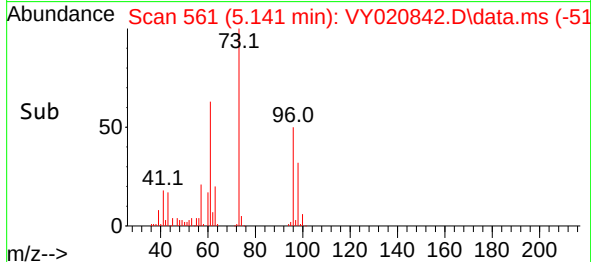
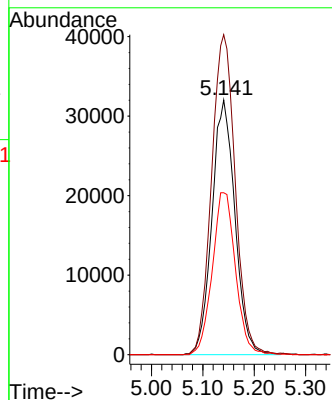
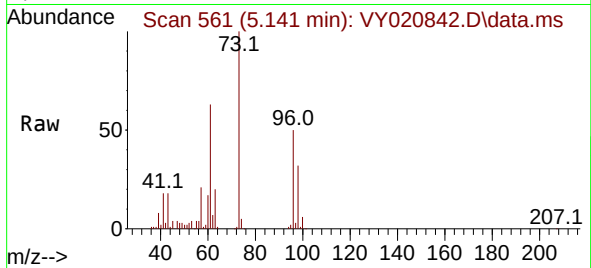




#21
trans-1,2-Dichloroethene
Concen: 47.237 ug/l
RT: 5.141 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

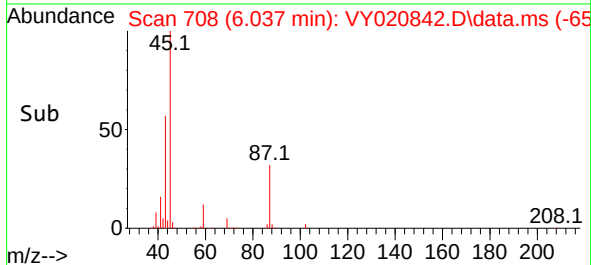
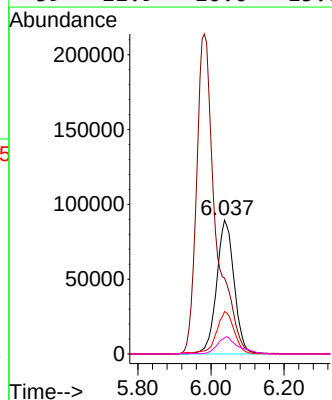
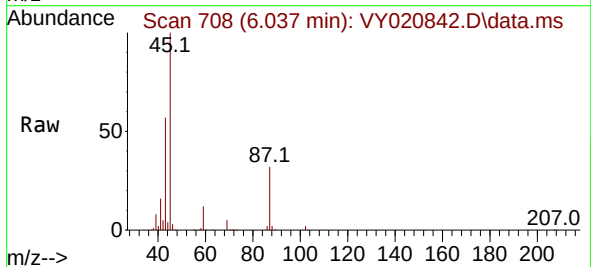
Instrument :
MSVOA_Y
ClientSampleId :

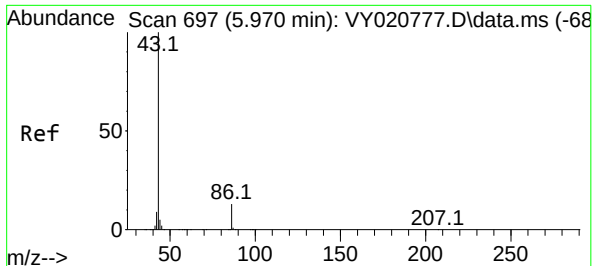
Tgt Ion: 96 Resp: 99403
Ion Ratio Lower Upper
96 100
61 125.6 101.6 152.4
98 63.6 49.4 74.2



#22
Diisopropyl ether
Concen: 50.735 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 45 Resp: 297953
Ion Ratio Lower Upper
45 100
43 56.5 43.9 65.9
87 31.7 25.3 37.9
59 11.9 10.0 15.0





#23

Vinyl Acetate

Concen: 239.210 ug/l

RT: 5.982 min Scan# 699

Delta R.T. 0.012 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

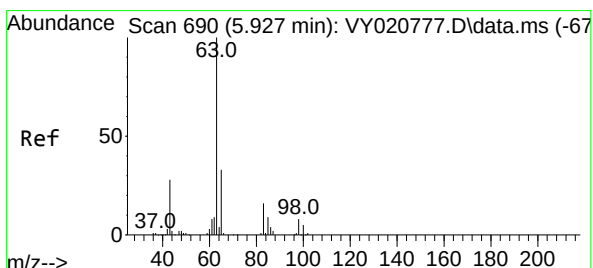
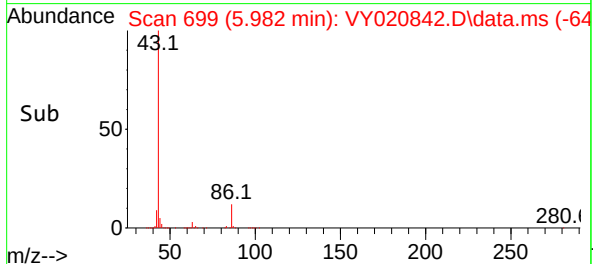
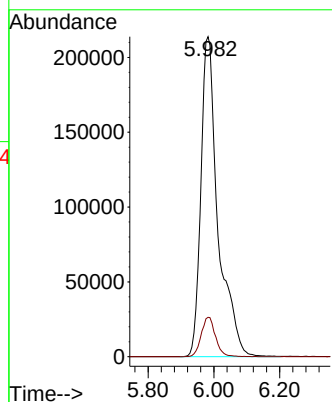
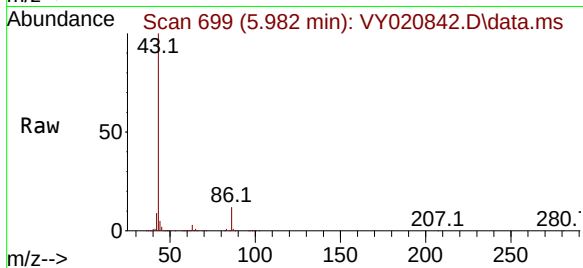
ClientSampleId :

Tgt Ion: 43 Resp: 774567

Ion Ratio Lower Upper

43 100

86 12.3 10.5 15.7



#24

1,1-Dichloroethane

Concen: 47.340 ug/l

RT: 5.939 min Scan# 692

Delta R.T. 0.012 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

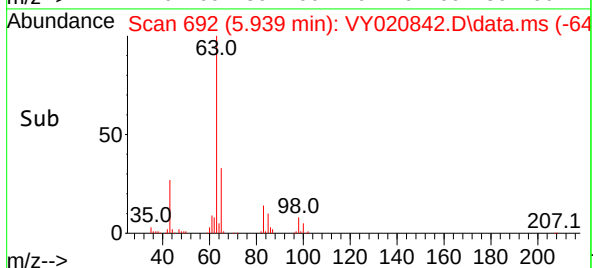
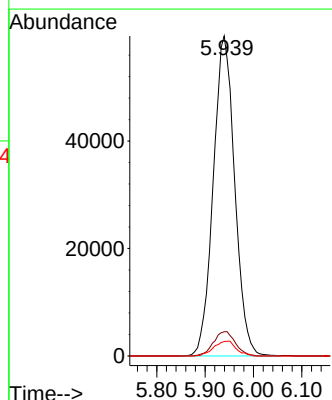
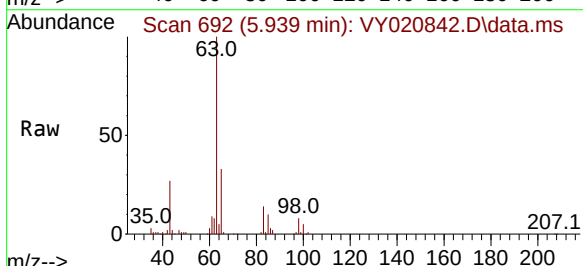
Tgt Ion: 63 Resp: 183422

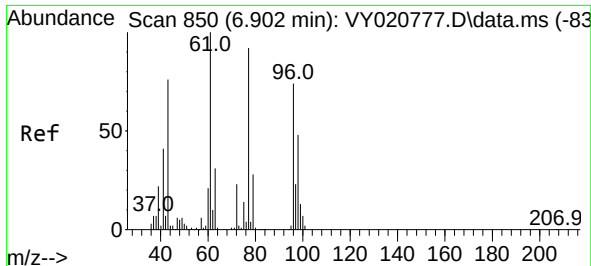
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 4.5 2.4 7.2

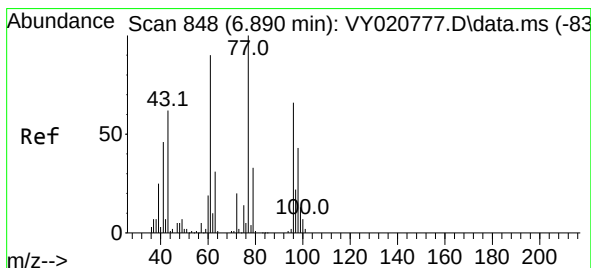
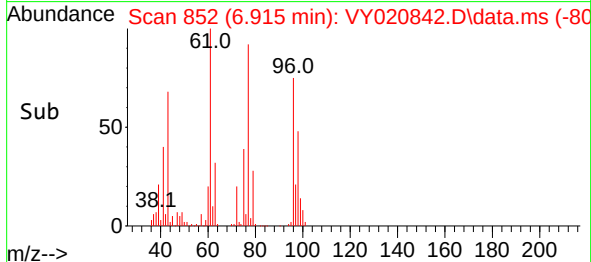
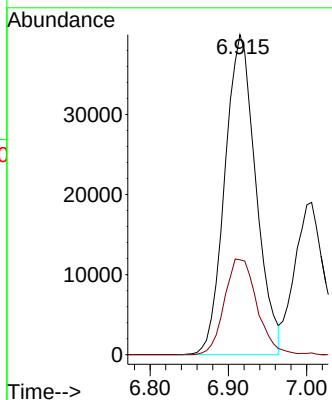
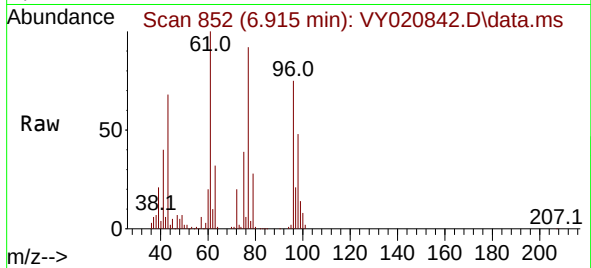




#25
2-Butanone
Concen: 226.112 ug/l
RT: 6.915 min Scan# 852
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

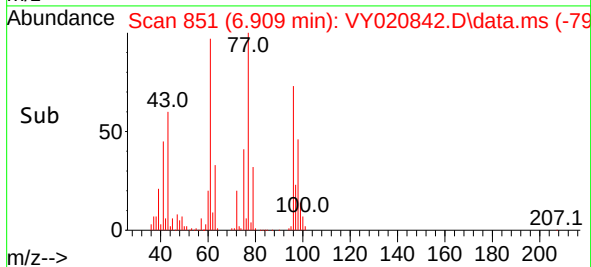
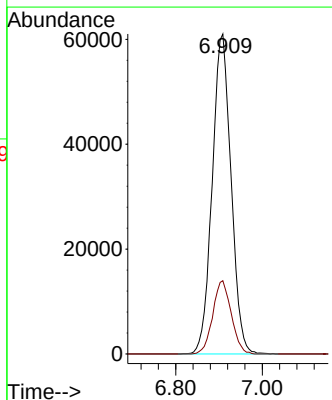
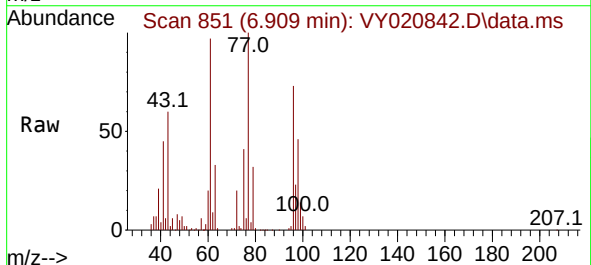
Instrument :
MSVOA_Y
ClientSampleId :

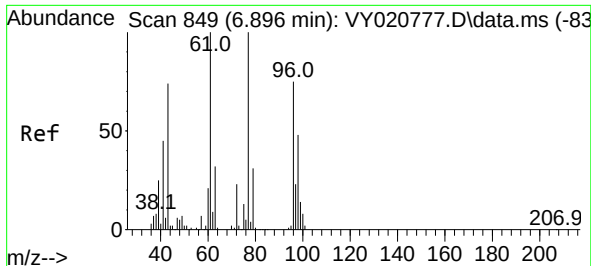
Tgt Ion: 43 Resp: 110006
Ion Ratio Lower Upper
43 100
72 29.6 24.0 36.0



#26
2,2-Dichloropropane
Concen: 45.911 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.018 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

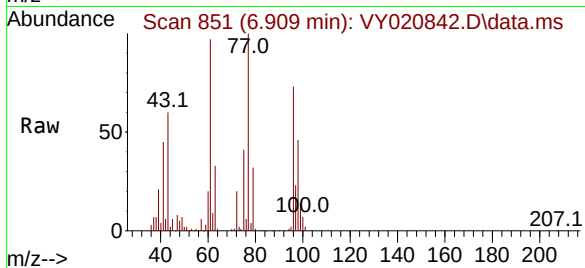
Tgt Ion: 77 Resp: 184694
Ion Ratio Lower Upper
77 100
97 22.4 11.3 33.8



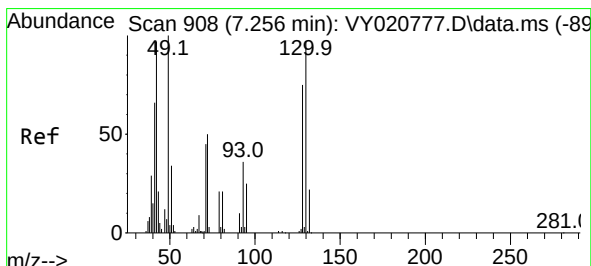
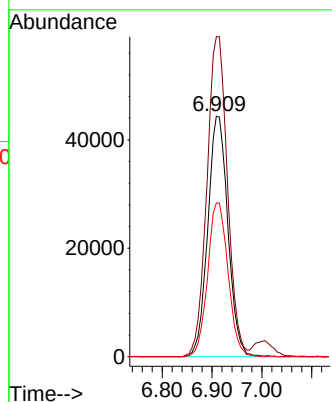
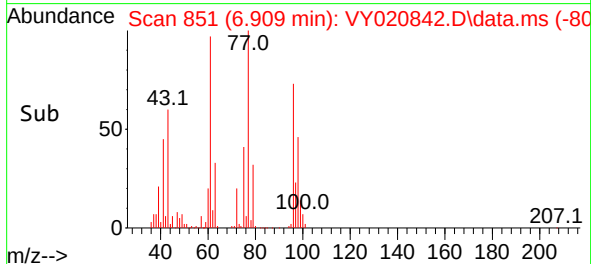


#27
 cis-1,2-Dichloroethene
 Concen: 46.875 ug/l
 RT: 6.909 min Scan# 81
 Delta R.T. 0.012 min
 Lab File: VY020842.D
 Acq: 17 Jan 2025 09:17

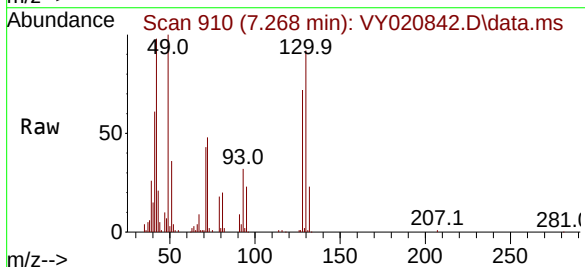
Instrument :
 MSVOA_Y
 ClientSampleId :



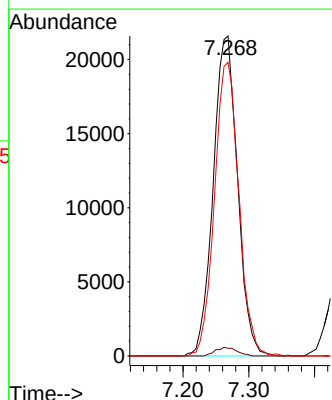
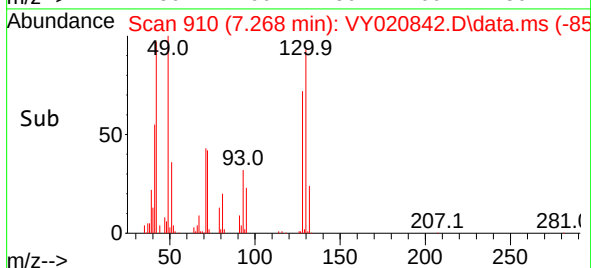
Tgt Ion: 96 Resp: 124456
 Ion Ratio Lower Upper
 96 100
 61 136.1 0.0 271.4
 98 64.7 0.0 129.0

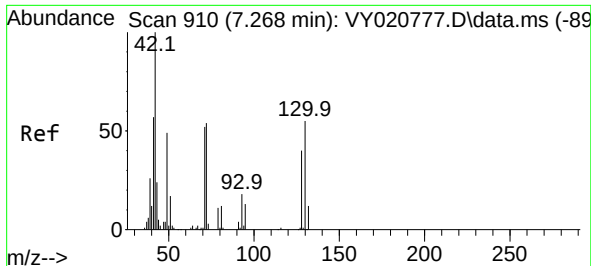


#28
 Bromochloromethane
 Concen: 53.134 ug/l
 RT: 7.268 min Scan# 910
 Delta R.T. 0.012 min
 Lab File: VY020842.D
 Acq: 17 Jan 2025 09:17



Tgt Ion: 49 Resp: 55552
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.2
 130 91.7 77.8 116.6





#29

Tetrahydrofuran

Concen: 233.967 ug/l

RT: 7.281 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

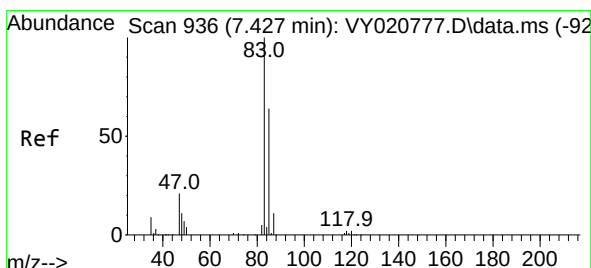
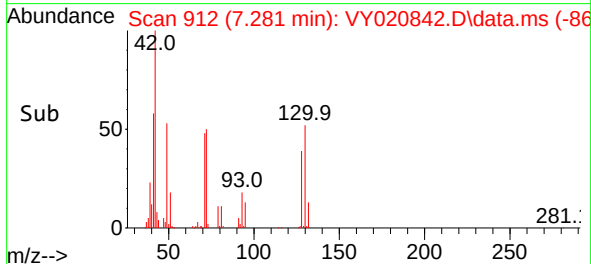
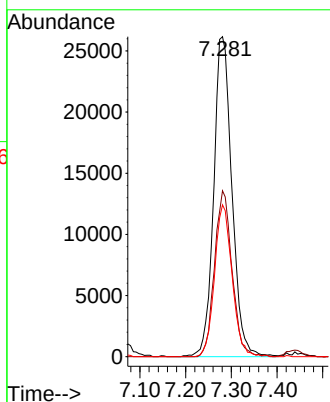
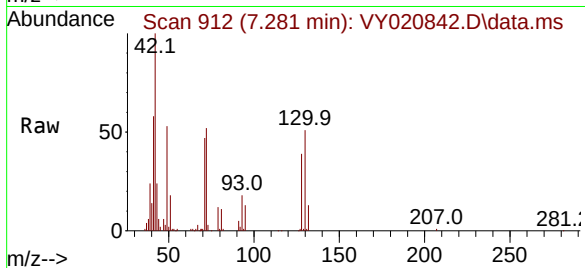
Tgt Ion: 42 Resp: 72713

Ion Ratio Lower Upper

42 100

72 49.8 41.8 62.6

71 45.7 39.8 59.8



#30

Chloroform

Concen: 45.355 ug/l

RT: 7.439 min Scan# 938

Delta R.T. 0.012 min

Lab File: VY020842.D

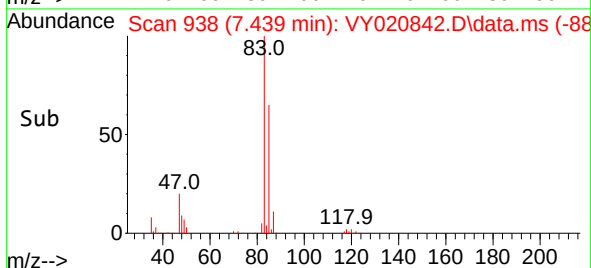
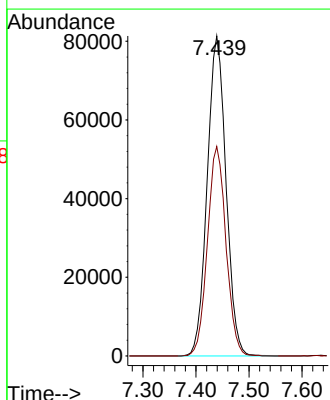
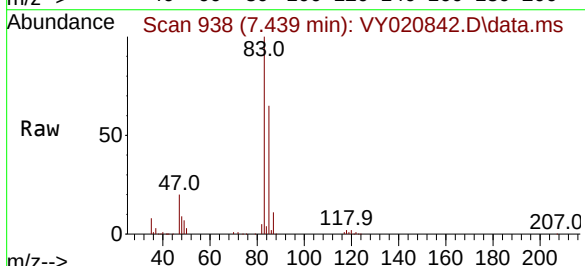
Acq: 17 Jan 2025 09:17

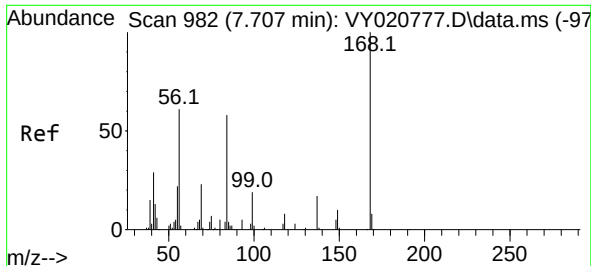
Tgt Ion: 83 Resp: 200402

Ion Ratio Lower Upper

83 100

85 65.4 51.1 76.7

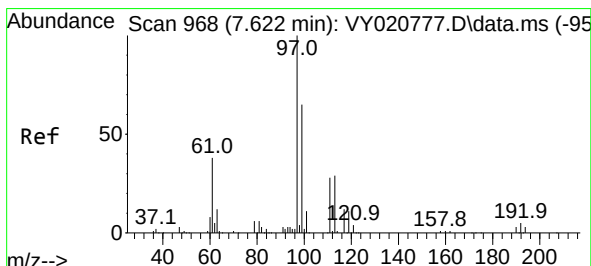
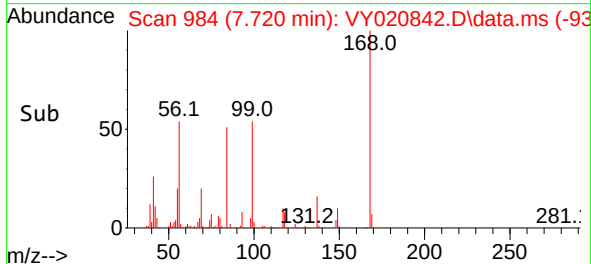
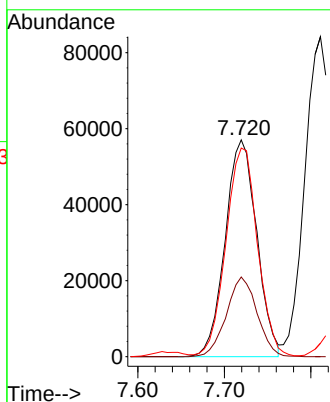
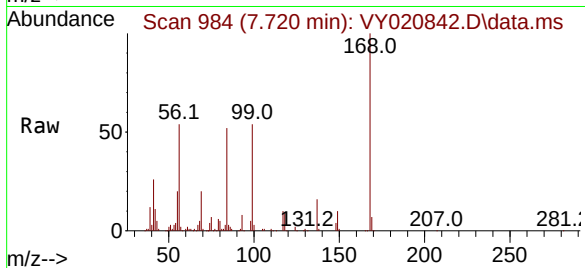




#31
Cyclohexane
Concen: 47.648 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

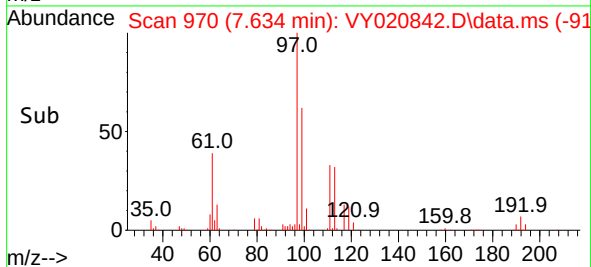
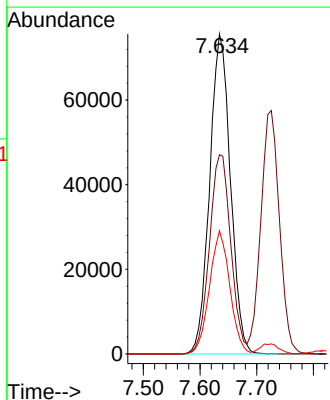
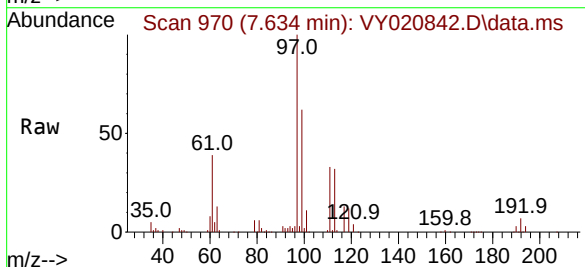
Instrument :
MSVOA_Y
ClientSampleId :

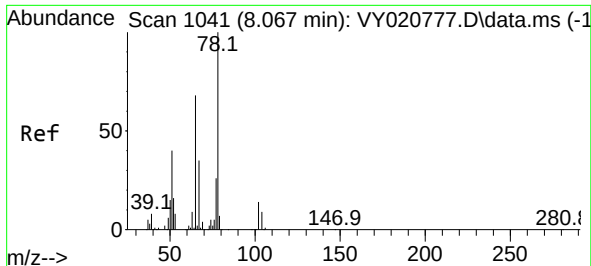
Tgt Ion: 56 Resp: 144403
Ion Ratio Lower Upper
56 100
69 36.7 30.5 45.7
84 94.3 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 44.554 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 97 Resp: 192027
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 37.8 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 46.046 ug/l

RT: 8.079 min Scan# 1104

Delta R.T. 0.012 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

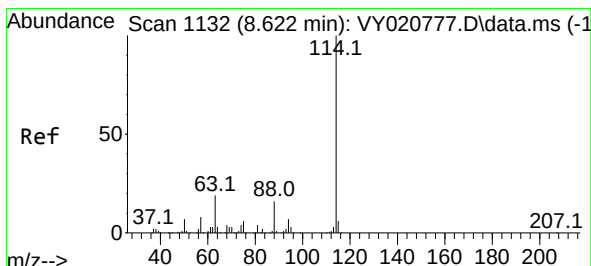
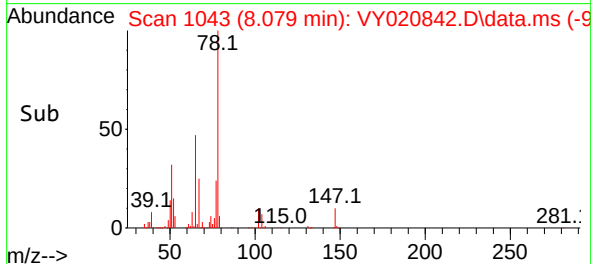
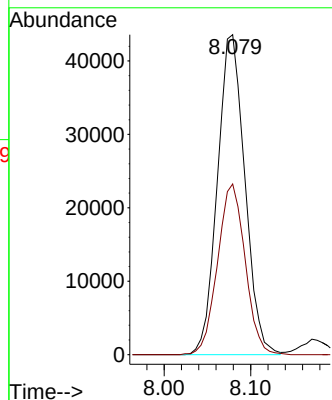
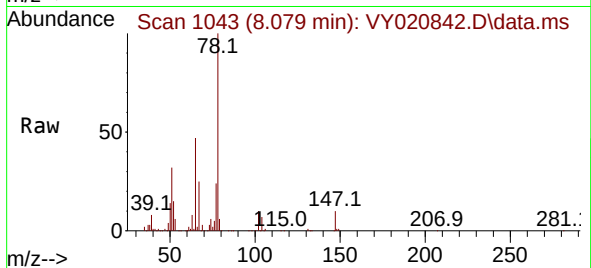
ClientSampleId :

Tgt Ion: 65 Resp: 95903

Ion Ratio Lower Upper

65 100

67 53.6 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

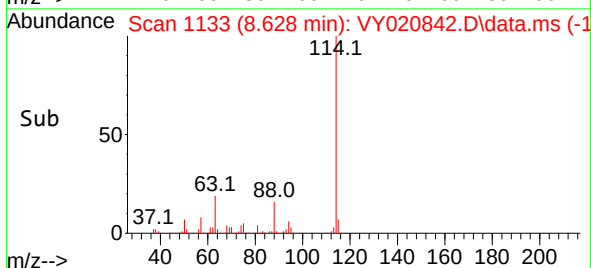
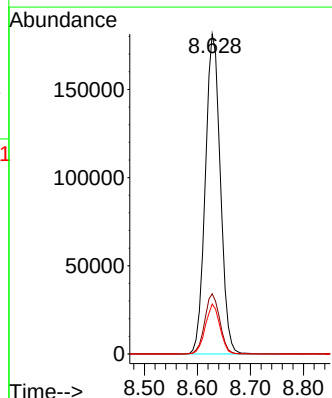
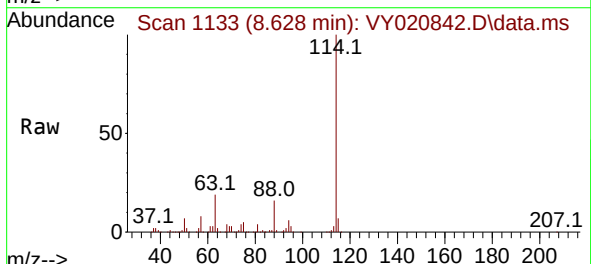
Tgt Ion: 114 Resp: 356693

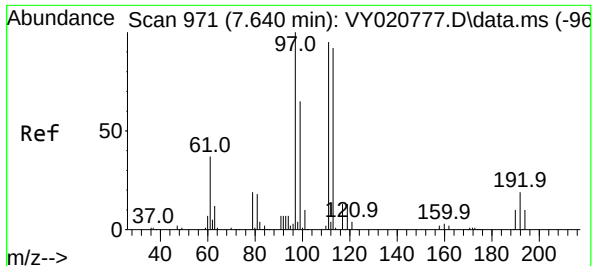
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

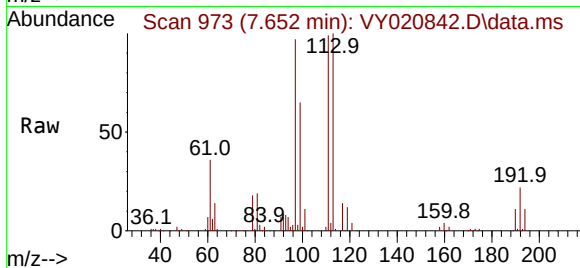
88 15.6 0.0 31.2



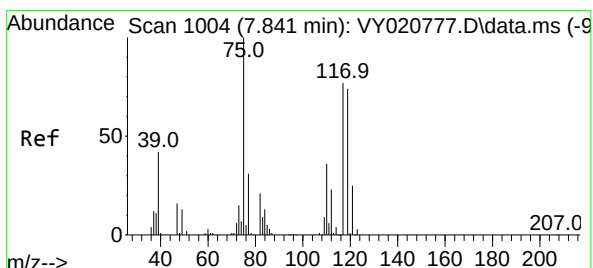
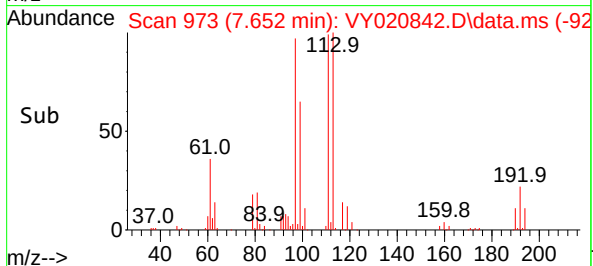
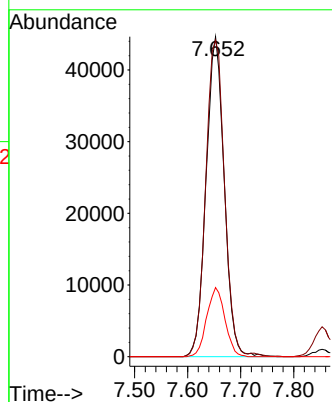


#35
Dibromofluoromethane
Concen: 47.434 ug/l
RT: 7.652 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :

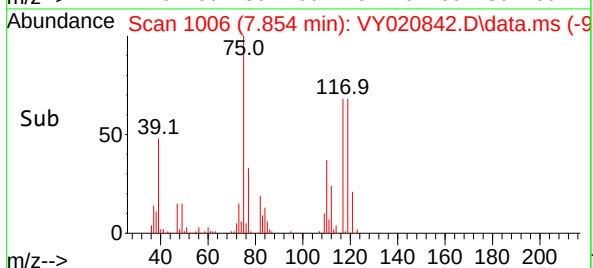
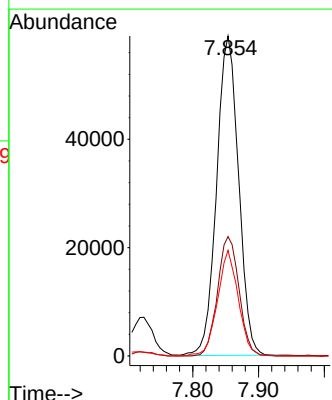
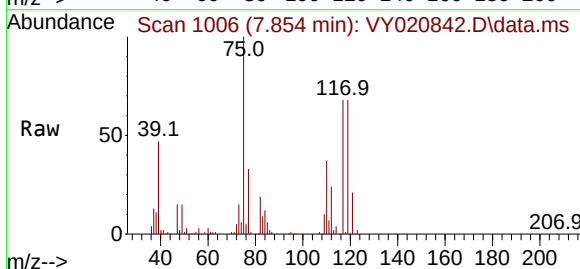


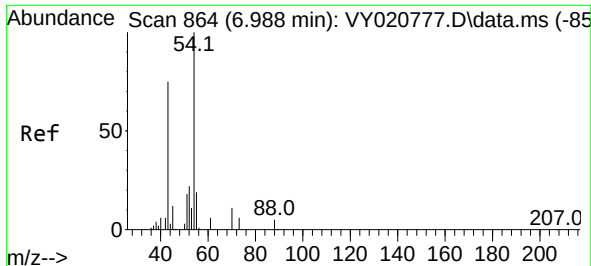
Tgt Ion:113 Resp: 105999
Ion Ratio Lower Upper
113 100
111 101.8 81.7 122.5
192 21.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 48.028 ug/l
RT: 7.854 min Scan# 1006
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 75 Resp: 136894
Ion Ratio Lower Upper
75 100
110 36.6 18.5 55.5
77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 45.172 ug/l

RT: 7.006 min Scan# 8

Delta R.T. 0.018 min

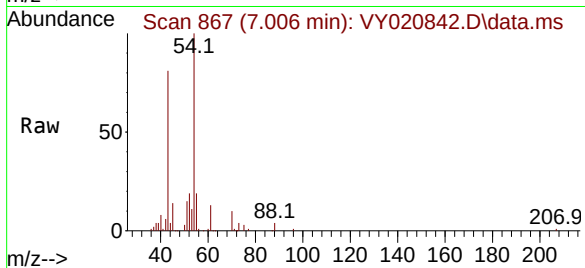
Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :



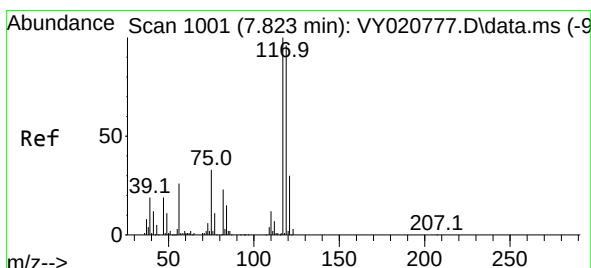
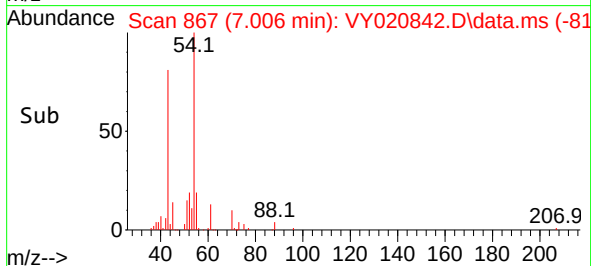
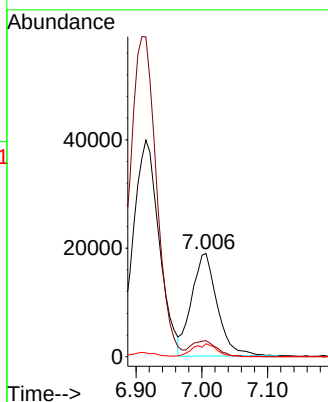
Tgt Ion: 43 Resp: 51237

Ion Ratio Lower Upper

43 100

61 15.1 11.8 17.6

70 12.0 9.8 14.8



#38

Carbon Tetrachloride

Concen: 45.392 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.012 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

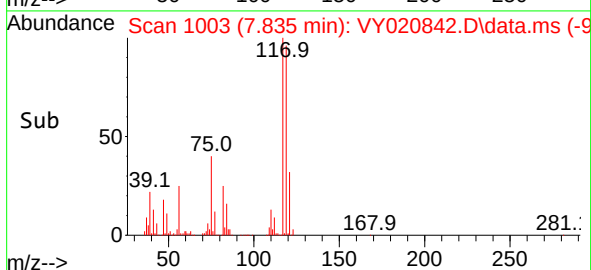
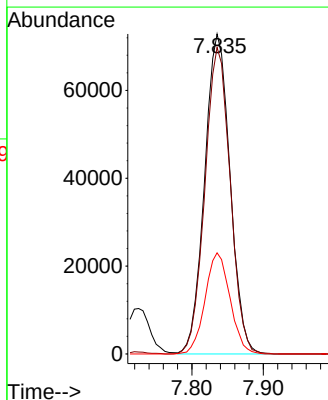
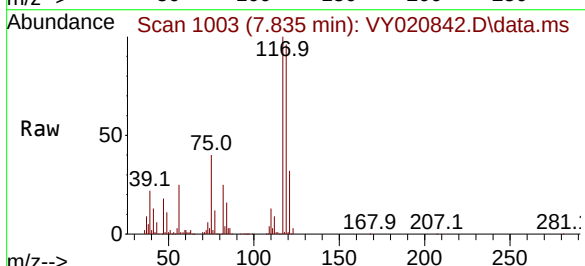
Tgt Ion: 117 Resp: 180098

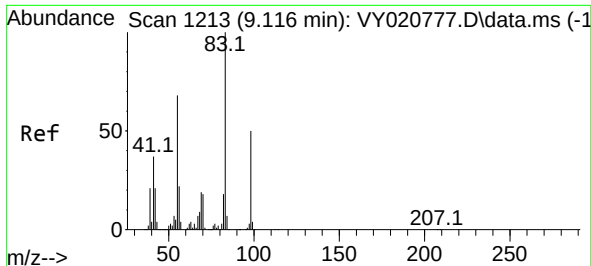
Ion Ratio Lower Upper

117 100

119 95.8 76.5 114.7

121 31.6 24.3 36.5





#39

Methylcyclohexane

Concen: 49.358 ug/l

RT: 9.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

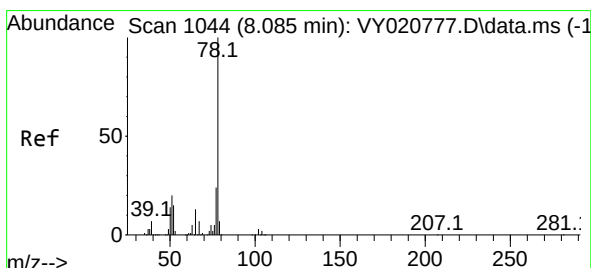
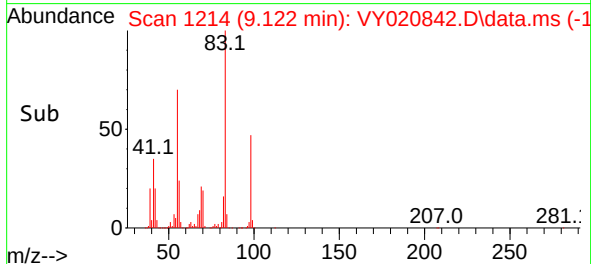
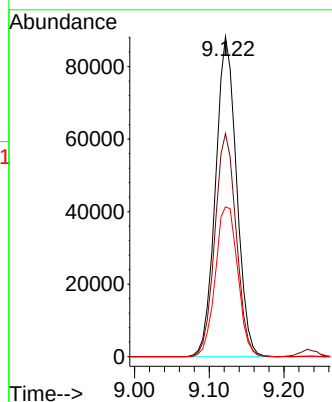
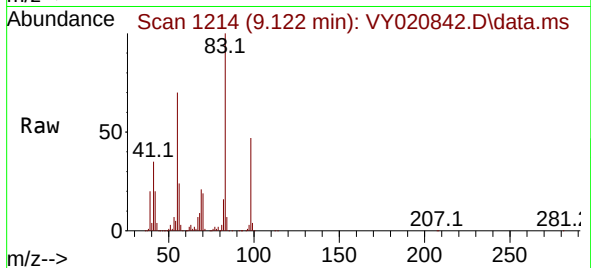
Tgt Ion: 83 Resp: 172638

Ion Ratio Lower Upper

83 100

55 69.7 54.8 82.2

98 46.8 40.0 60.0



#40

Benzene

Concen: 48.041 ug/l

RT: 8.097 min Scan# 1046

Delta R.T. 0.012 min

Lab File: VY020842.D

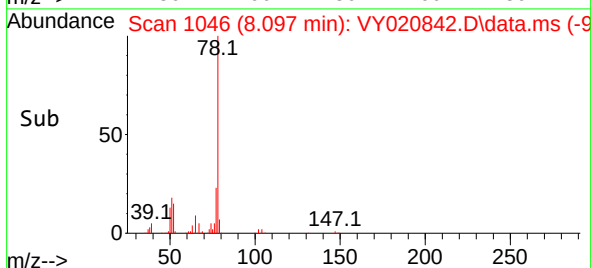
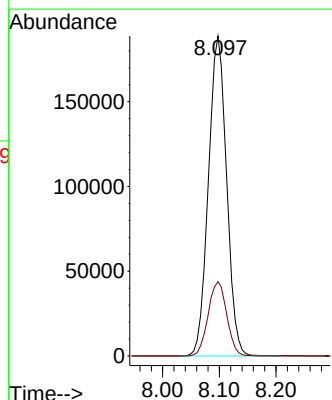
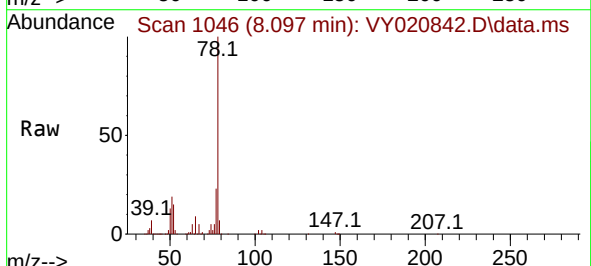
Acq: 17 Jan 2025 09:17

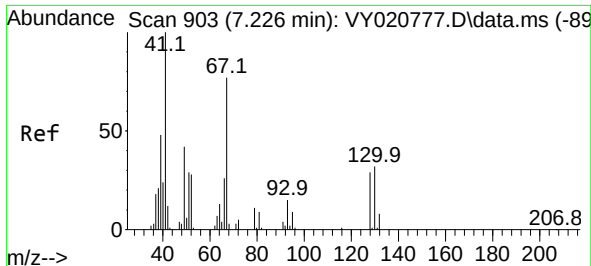
Tgt Ion: 78 Resp: 420260

Ion Ratio Lower Upper

78 100

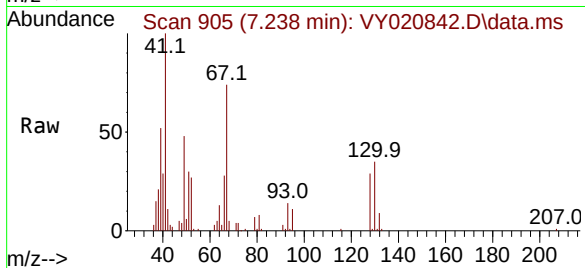
77 23.2 19.4 29.2



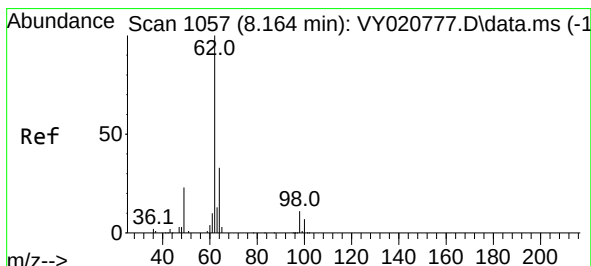
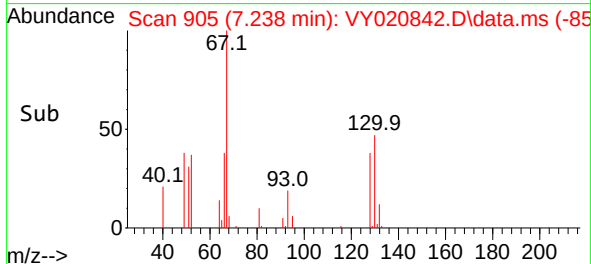
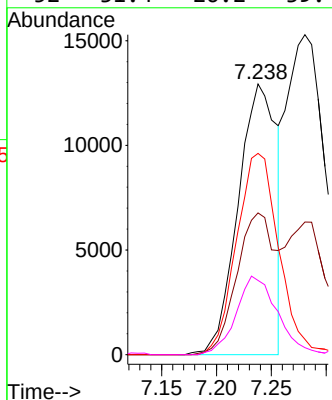


#41
Methacrylonitrile
Concen: 48.490 ug/l
RT: 7.238 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :

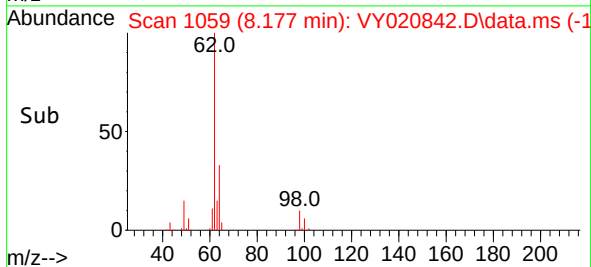
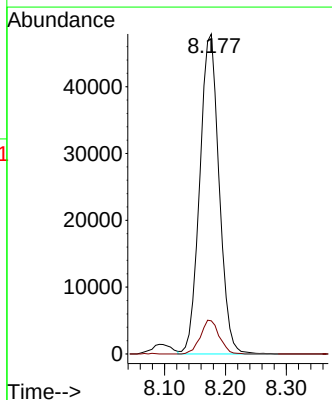
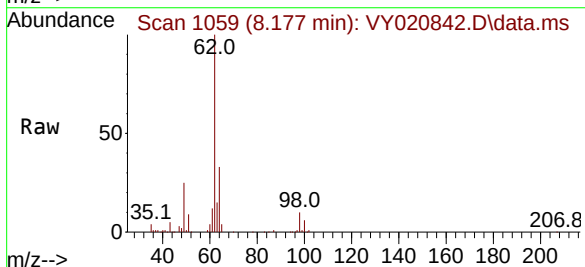


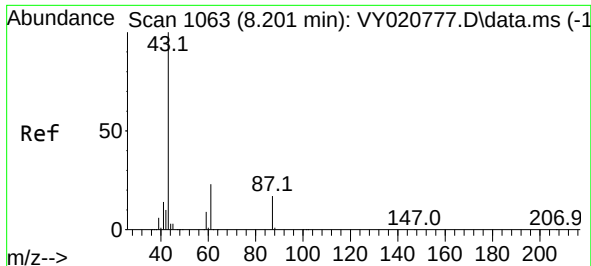
Tgt Ion: 41 Resp: 31499
Ion Ratio Lower Upper
41 100
39 52.0 42.4 63.6
67 82.2 67.8 101.8
52 31.4 26.2 39.4



#42
1,2-Dichloroethane
Concen: 44.192 ug/l
RT: 8.177 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

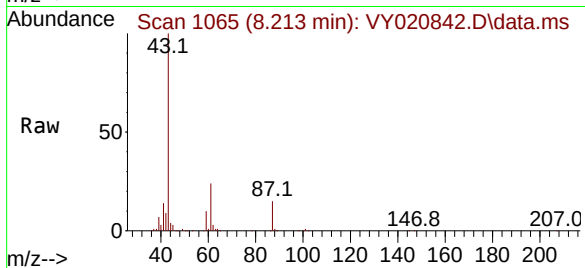
Tgt Ion: 62 Resp: 105572
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.6





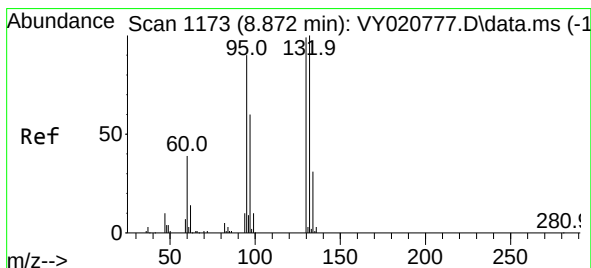
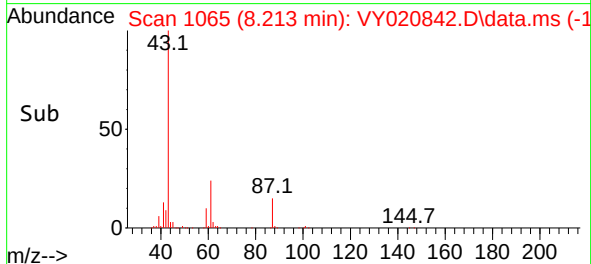
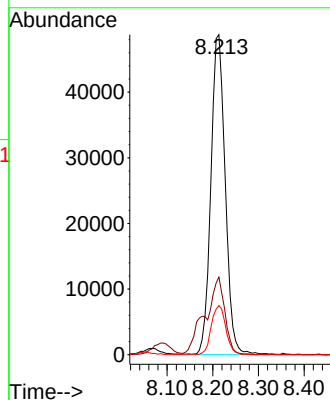
#43
Isopropyl Acetate
Concen: 46.055 ug/l
RT: 8.213 min Scan# 1065
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 43 Resp: 106252

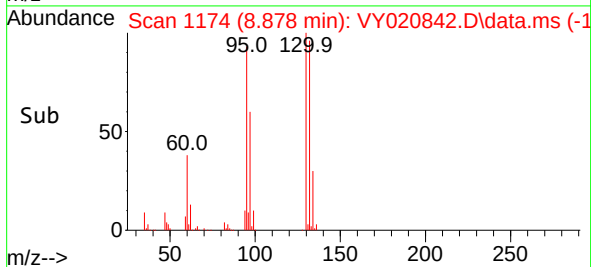
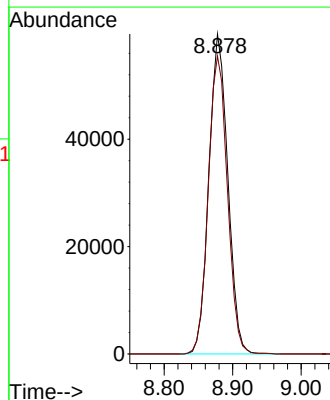
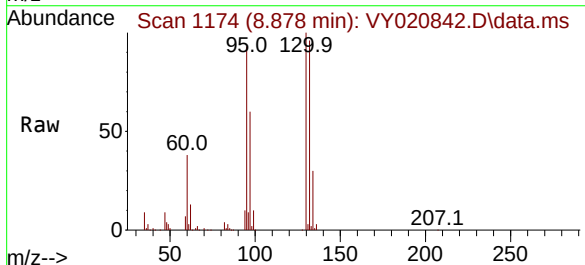
Ion	Ratio	Lower	Upper
43	100		
61	33.5	26.5	39.7
87	15.5	13.4	20.0

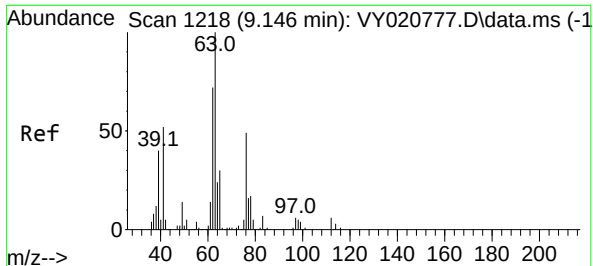


#44
Trichloroethene
Concen: 46.993 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 130 Resp: 114600

Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	181.0





#45

1,2-Dichloropropane

Concen: 49.022 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

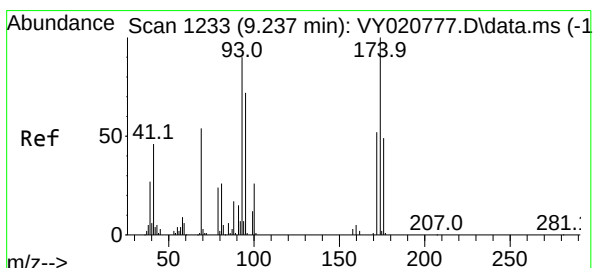
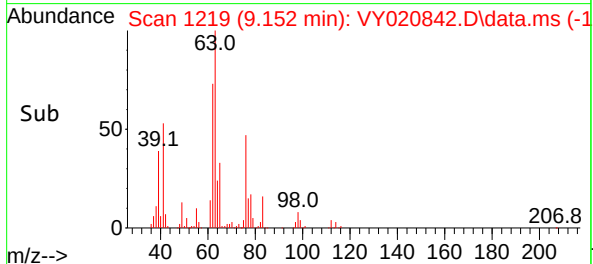
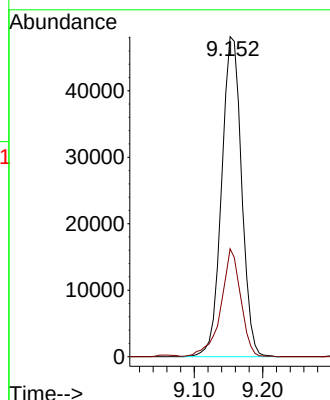
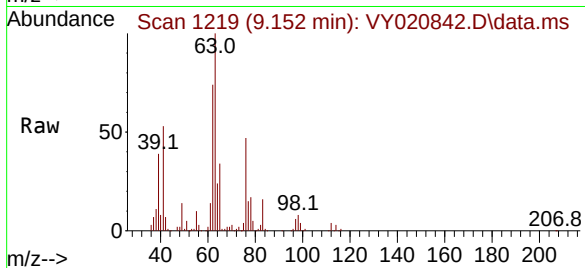
ClientSampleId :

Tgt Ion: 63 Resp: 97219

Ion Ratio Lower Upper

63 100

65 33.7 24.2 36.4



#46

Dibromomethane

Concen: 46.570 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

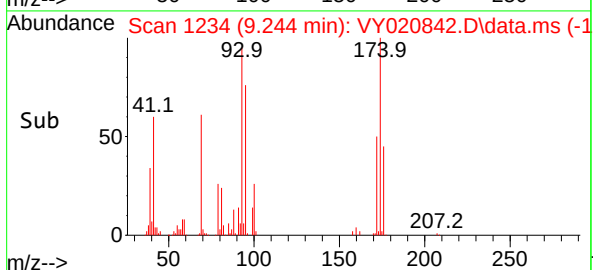
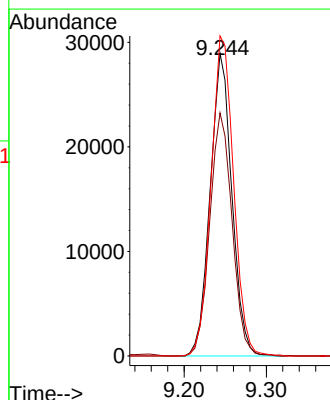
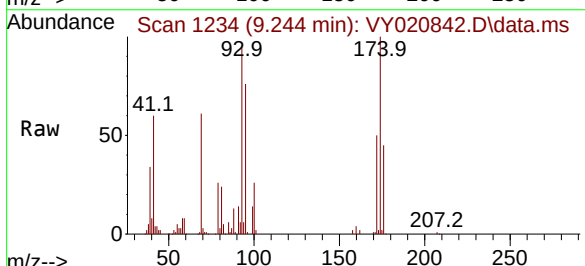
Tgt Ion: 93 Resp: 53034

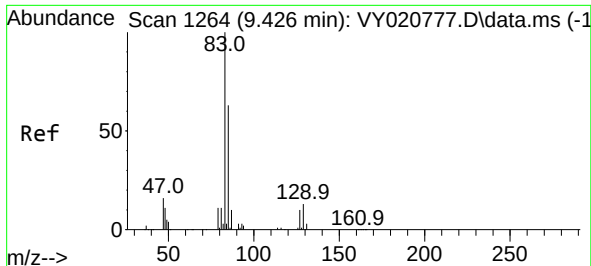
Ion Ratio Lower Upper

93 100

95 82.6 68.2 102.4

174 109.9 89.0 133.6

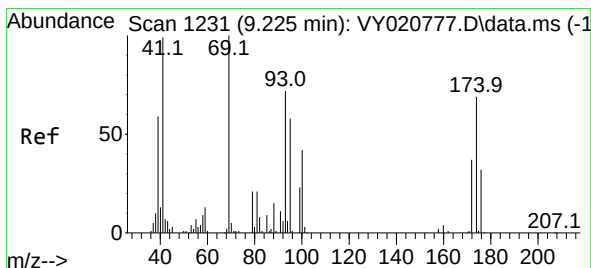
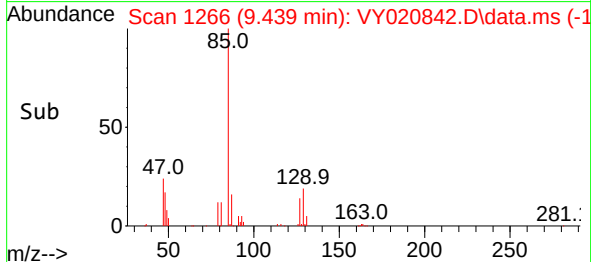
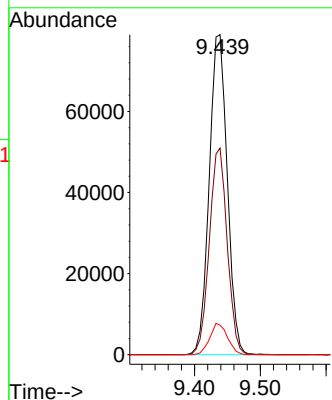
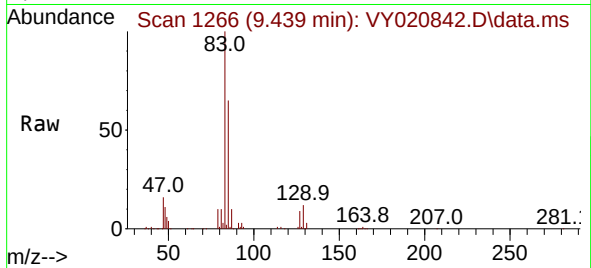




#47
 Bromodichloromethane
 Concen: 46.182 ug/l
 RT: 9.439 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VY020842.D
 Acq: 17 Jan 2025 09:17

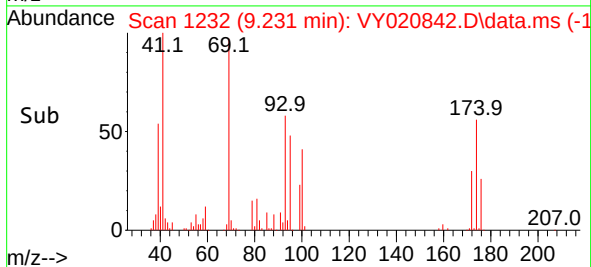
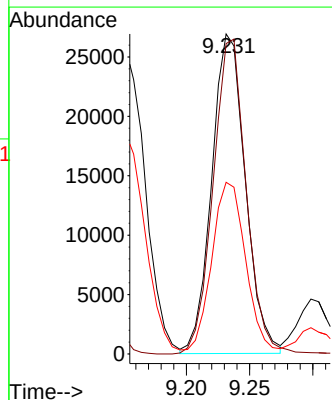
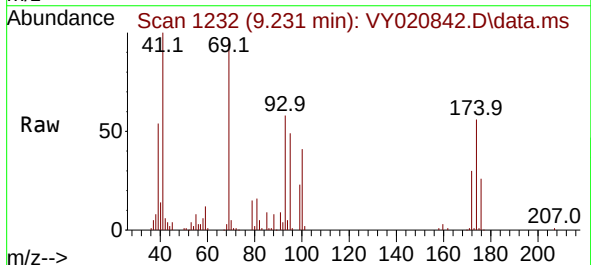
Instrument :
 MSVOA_Y
 ClientSampleId :

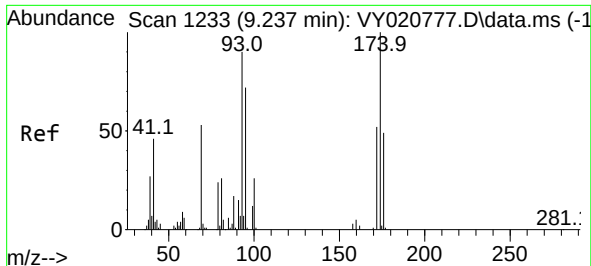
Tgt Ion: 83 Resp: 150622
 Ion Ratio Lower Upper
 83 100
 85 64.6 50.7 76.1
 127 9.2 7.9 11.9



#48
 Methyl methacrylate
 Concen: 48.089 ug/l
 RT: 9.231 min Scan# 1232
 Delta R.T. 0.006 min
 Lab File: VY020842.D
 Acq: 17 Jan 2025 09:17

Tgt Ion: 41 Resp: 49738
 Ion Ratio Lower Upper
 41 100
 69 96.8 78.9 118.3
 39 52.1 44.6 67.0

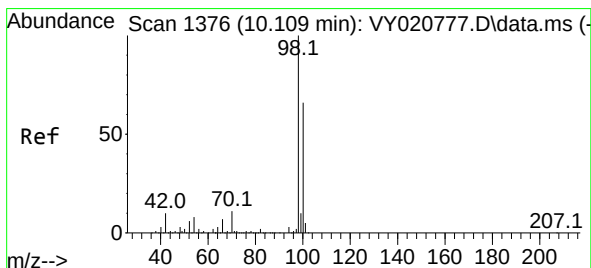
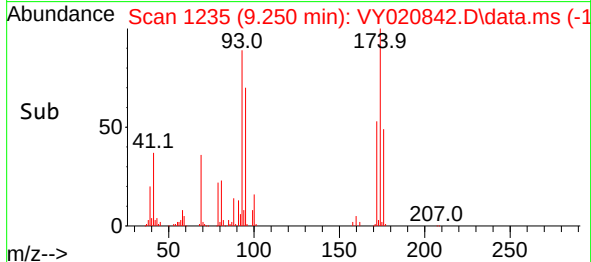
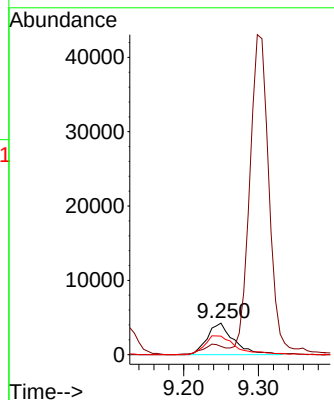
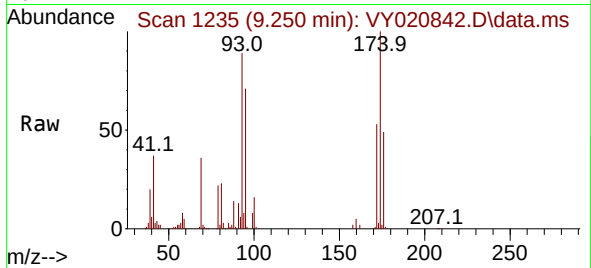




#49
1,4-Dioxane
Concen: 867.825 ug/l
RT: 9.250 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

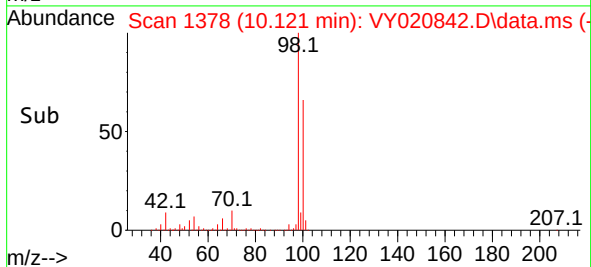
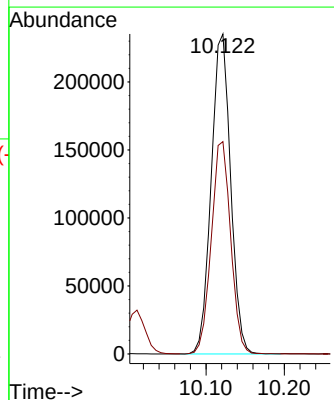
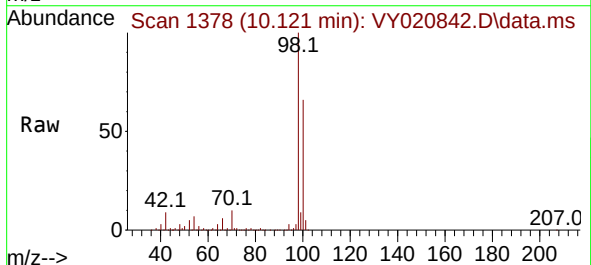
Instrument :
MSVOA_Y
ClientSampleId :

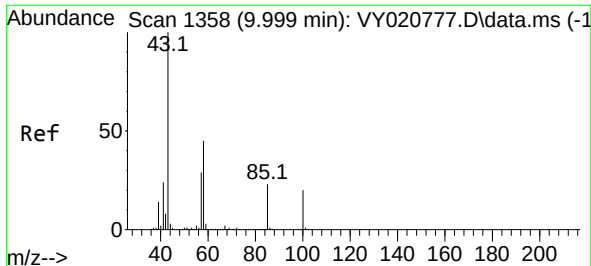
Tgt Ion: 88 Resp: 10493
Ion Ratio Lower Upper
88 100
43 29.5 24.4 36.6
58 71.3 51.0 76.6



#50
Toluene-d8
Concen: 51.926 ug/l
RT: 10.121 min Scan# 1378
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 98 Resp: 404503
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7

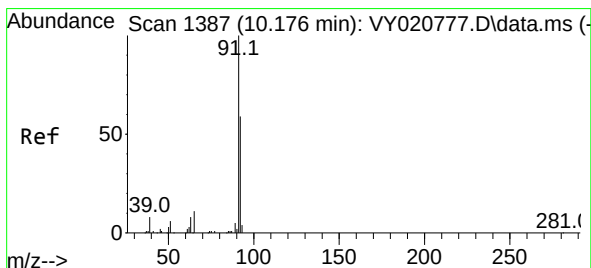
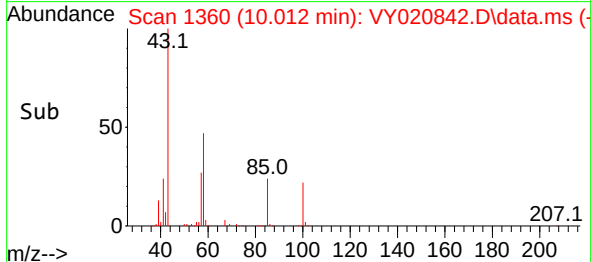
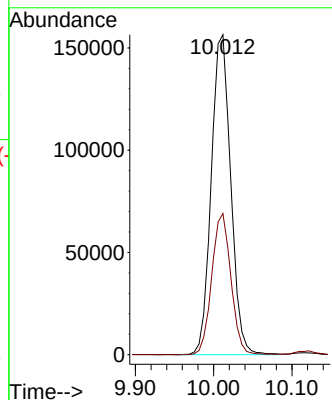
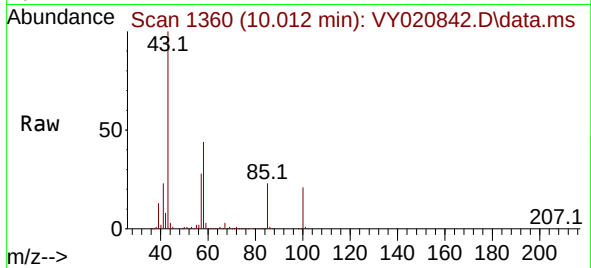




#51
4-Methyl-2-Pentanone
Concen: 234.430 ug/l
RT: 10.012 min Scan# 1360
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

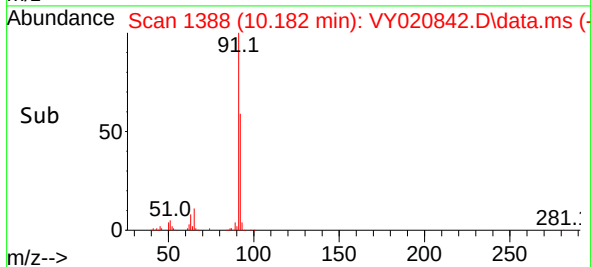
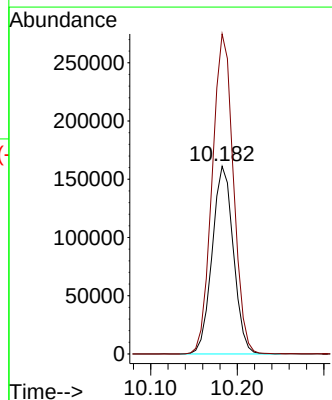
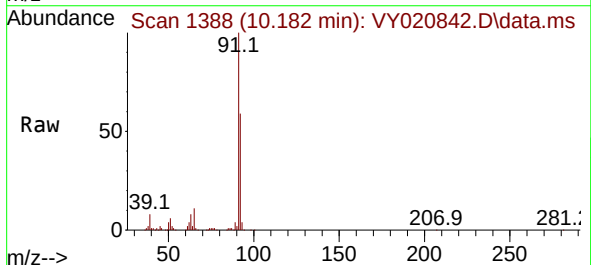
Instrument :
MSVOA_Y
ClientSampleId :

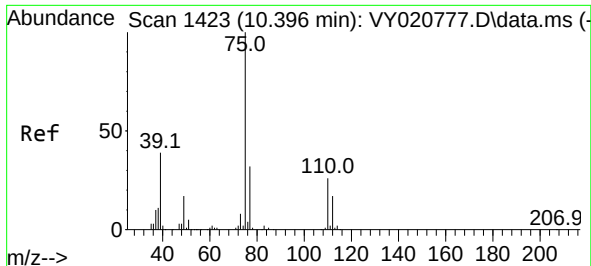
Tgt Ion: 43 Resp: 270199
Ion Ratio Lower Upper
43 100
58 43.4 34.8 52.2



#52
Toluene
Concen: 47.306 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 92 Resp: 274035
Ion Ratio Lower Upper
92 100
91 170.9 136.6 204.8

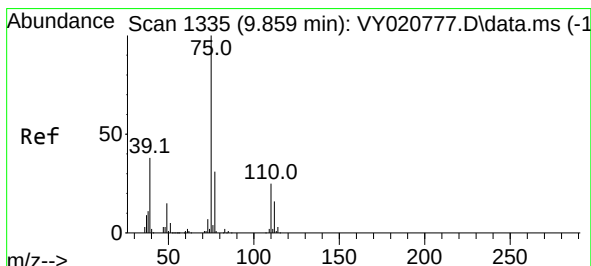
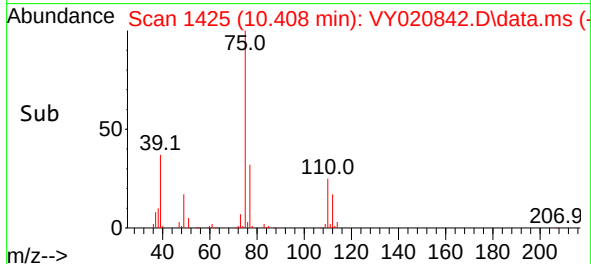
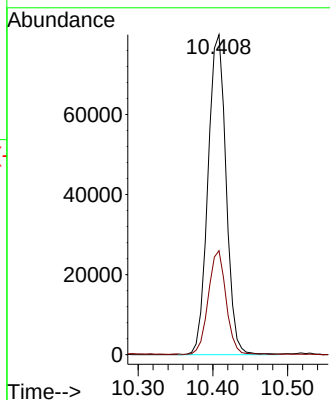
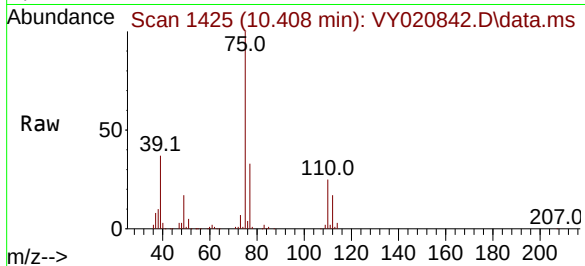




#53
 t-1,3-Dichloropropene
 Concen: 46.343 ug/l
 RT: 10.408 min Scan# 1423
 Delta R.T. 0.012 min
 Lab File: VY020842.D
 Acq: 17 Jan 2025 09:17

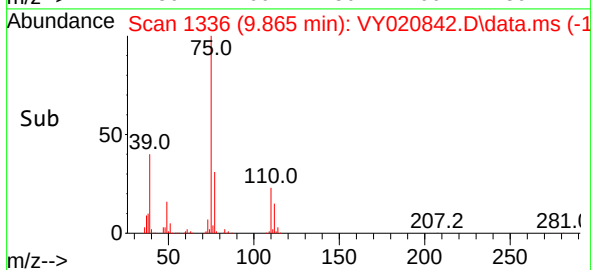
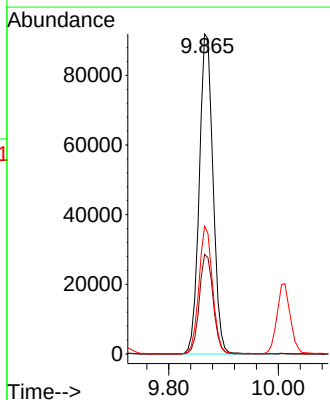
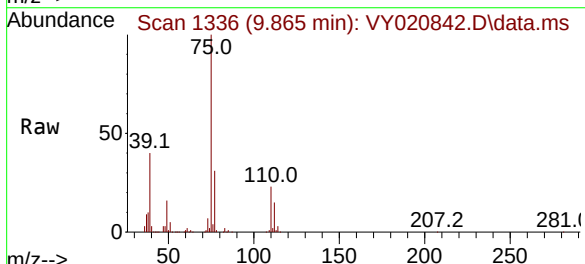
Instrument :
 MSVOA_Y
 ClientSampleId :

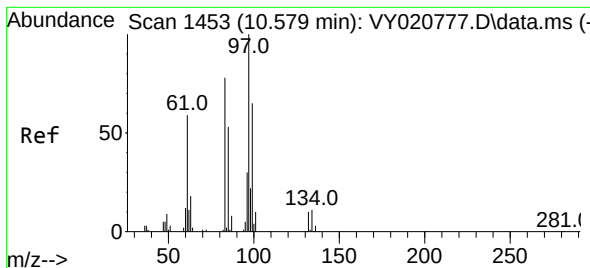
Tgt Ion: 75 Resp: 134431
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 47.554 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY020842.D
 Acq: 17 Jan 2025 09:17

Tgt Ion: 75 Resp: 160205
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.5 36.7
 39 40.0 30.7 46.1





#55

1,1,2-Trichloroethane

Concen: 46.176 ug/l

RT: 10.585 min Scan# 1454

Delta R.T. 0.006 min

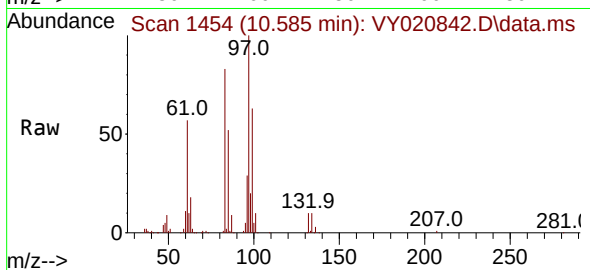
Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 75126

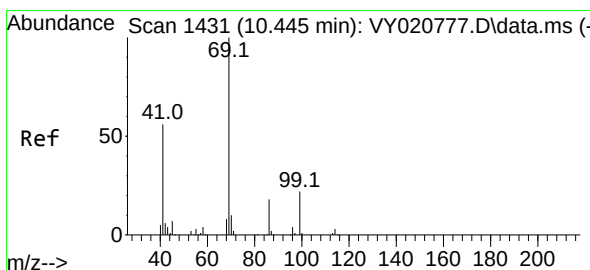
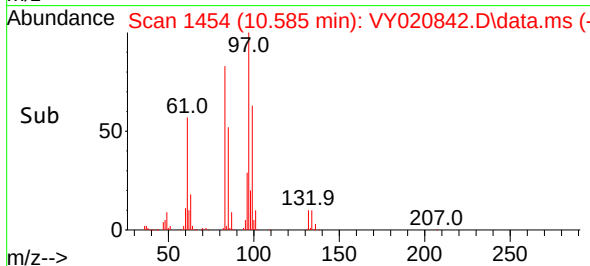
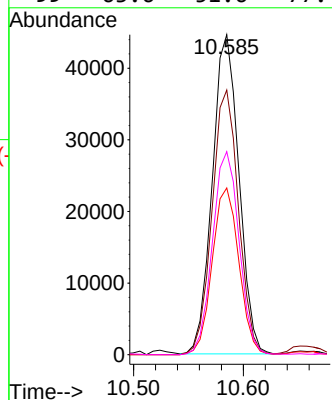
Ion Ratio Lower Upper

97 100

83 83.0 62.8 94.2

85 52.2 42.4 63.6

99 63.6 51.6 77.4



#56

Ethyl methacrylate

Concen: 47.661 ug/l

RT: 10.451 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

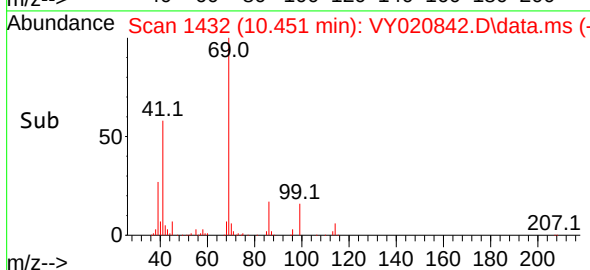
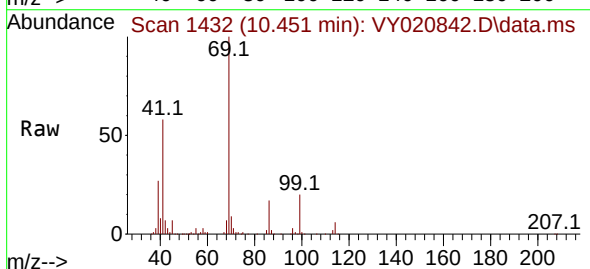
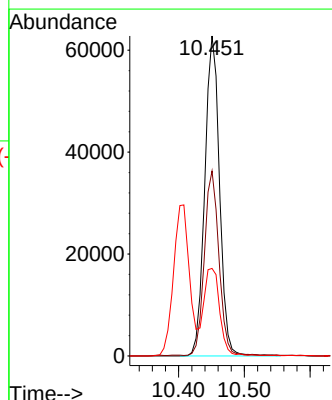
Tgt Ion: 69 Resp: 97929

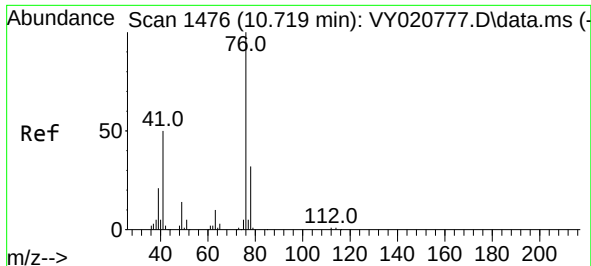
Ion Ratio Lower Upper

69 100

41 56.9 46.6 69.8

39 29.8 25.7 38.5





#57

1,3-Dichloropropane

Concen: 46.980 ug/l

RT: 10.731 min Scan# 1476

Delta R.T. 0.012 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

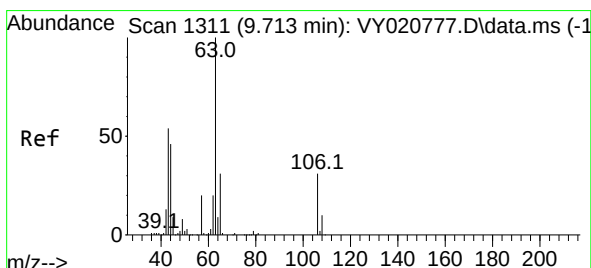
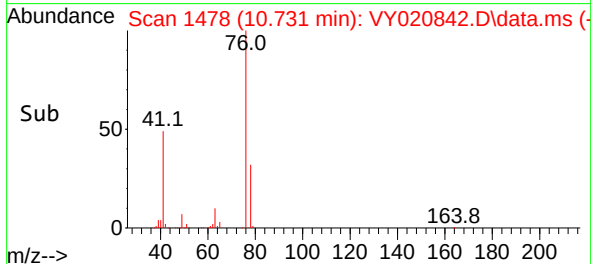
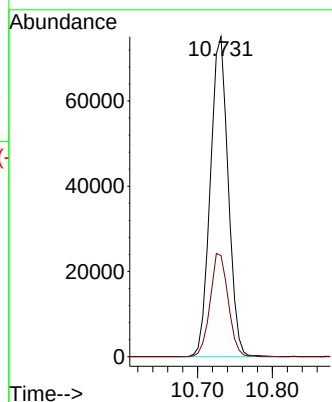
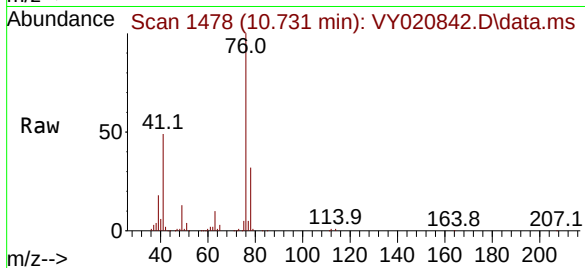
ClientSampleId :

Tgt Ion: 76 Resp: 124590

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 219.736 ug/l

RT: 9.725 min Scan# 1313

Delta R.T. 0.012 min

Lab File: VY020842.D

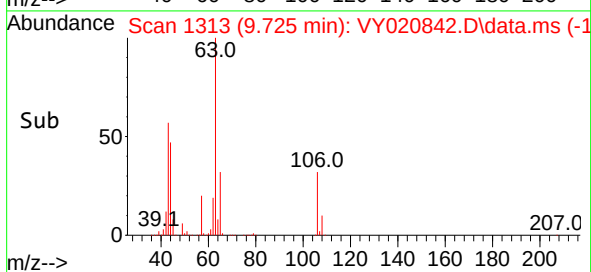
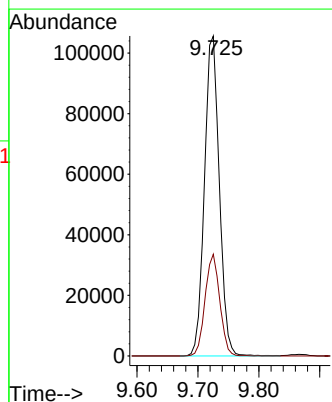
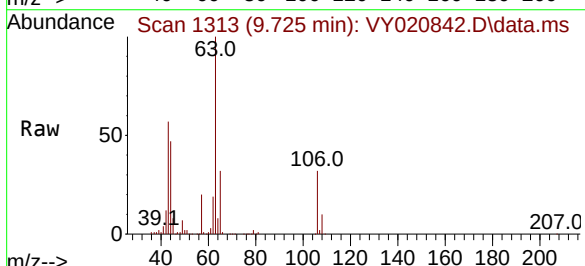
Acq: 17 Jan 2025 09:17

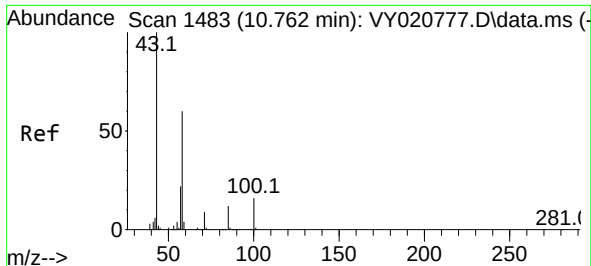
Tgt Ion: 63 Resp: 179110

Ion Ratio Lower Upper

63 100

106 31.4 25.9 38.9

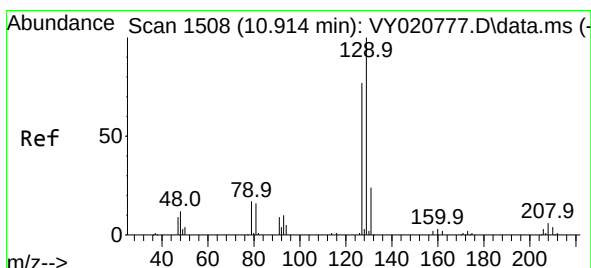
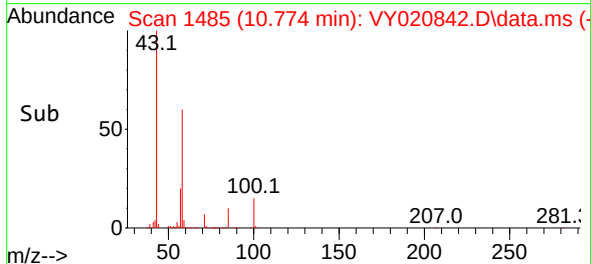
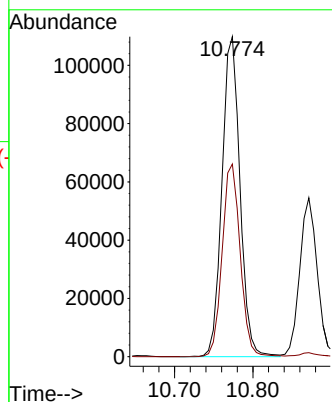
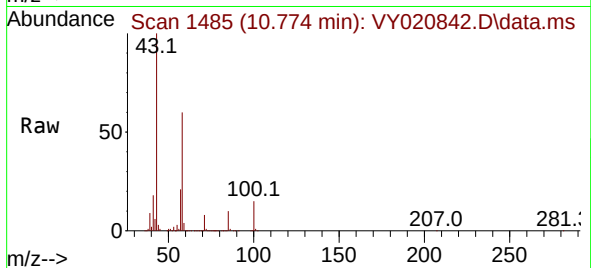




#59
2-Hexanone
Concen: 237.456 ug/l
RT: 10.774 min Scan# 1485
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

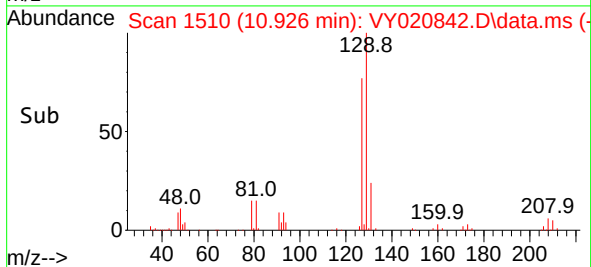
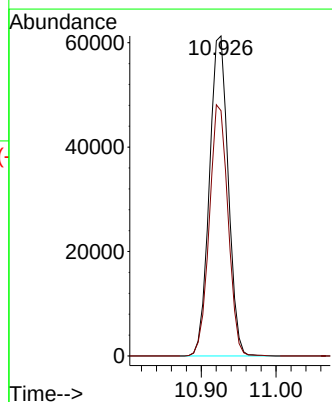
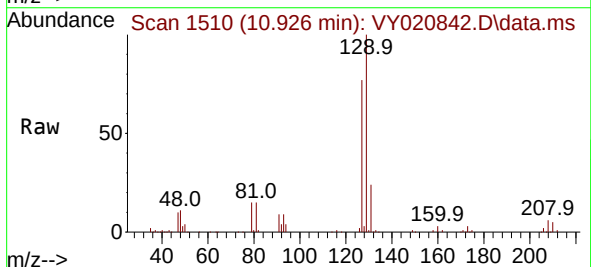
Instrument :
MSVOA_Y
ClientSampleId :

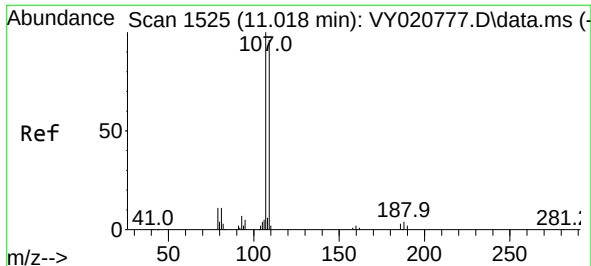
Tgt Ion: 43 Resp: 175583
Ion Ratio Lower Upper
43 100
58 60.4 30.6 92.0



#60
Dibromochloromethane
Concen: 45.386 ug/l
RT: 10.926 min Scan# 1510
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion:129 Resp: 107092
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.9

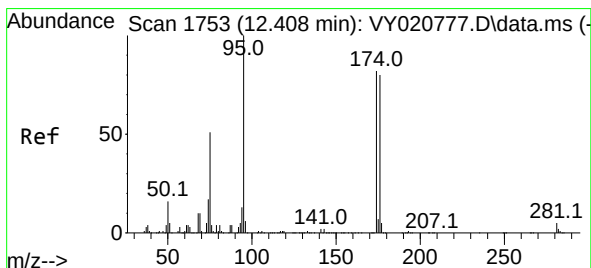
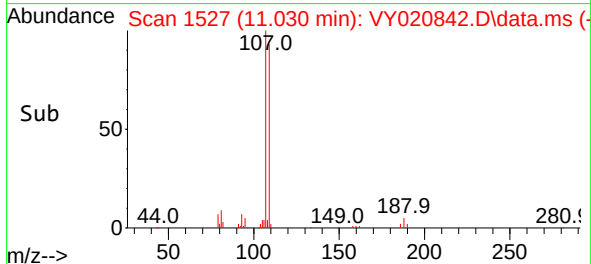
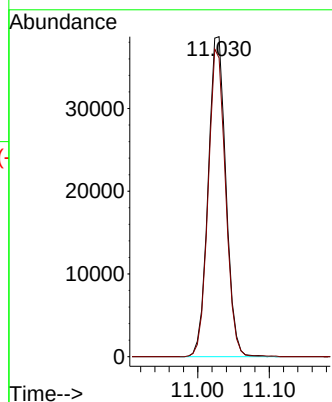
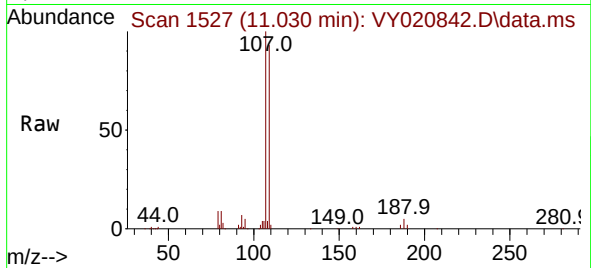




#61
1,2-Dibromoethane
Concen: 45.650 ug/l
RT: 11.030 min Scan# 1527
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

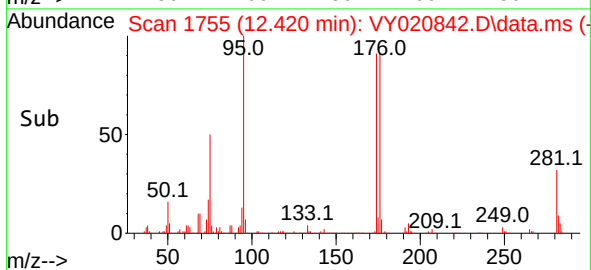
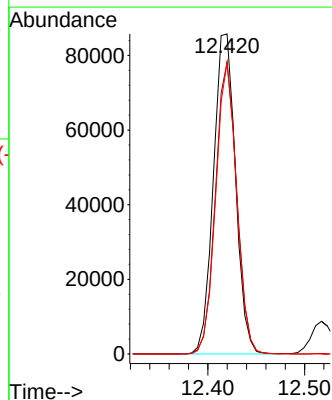
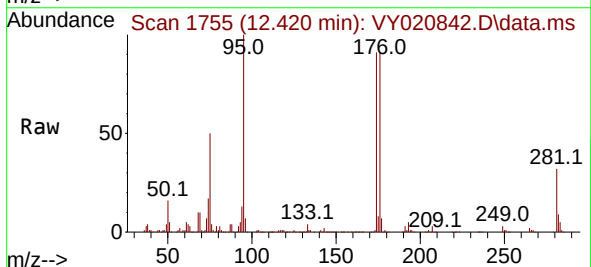
Instrument :
MSVOA_Y
ClientSampleId :

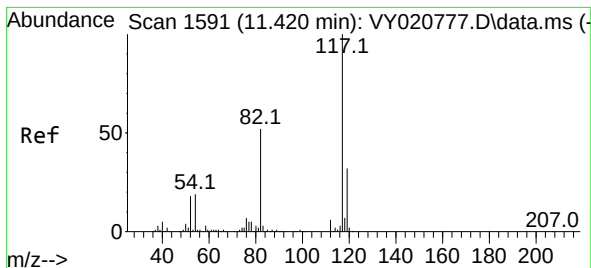
Tgt Ion:107 Resp: 66677
Ion Ratio Lower Upper
107 100
109 94.1 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 47.341 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 95 Resp: 136188
Ion Ratio Lower Upper
95 100
174 87.6 0.0 178.0
176 85.9 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

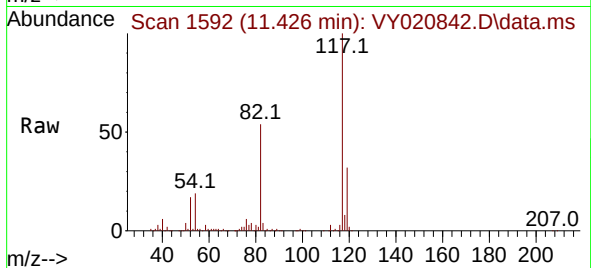
Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :



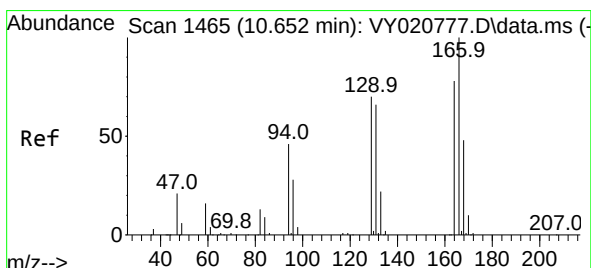
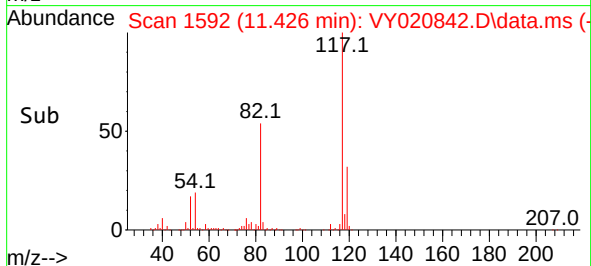
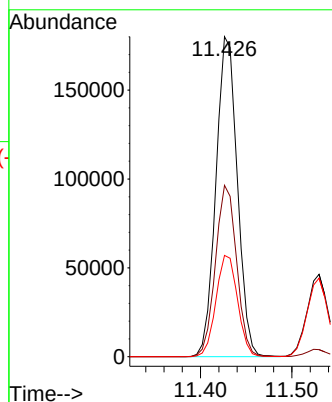
Tgt Ion:117 Resp: 293536

Ion Ratio Lower Upper

117 100

82 53.6 41.8 62.6

119 31.7 25.8 38.8



#64

Tetrachloroethene

Concen: 47.522 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Tgt Ion:164 Resp: 102558

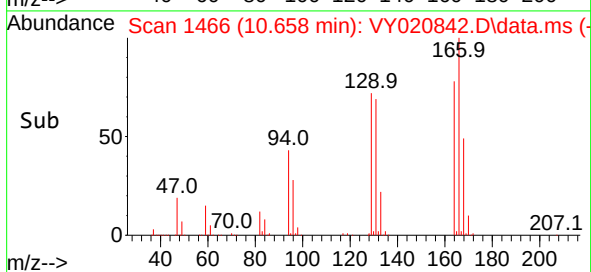
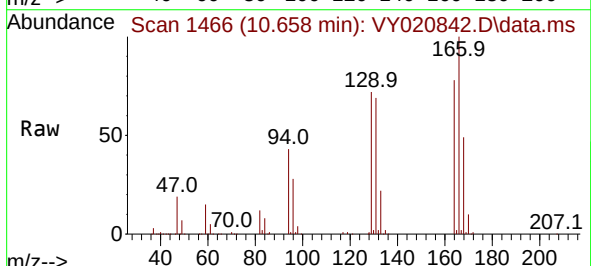
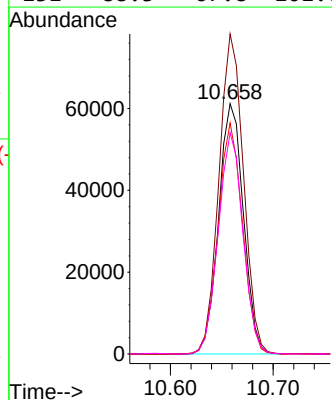
Ion Ratio Lower Upper

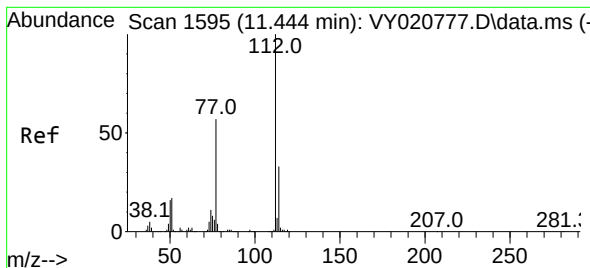
164 100

166 127.9 102.0 153.0

129 92.3 71.4 107.2

131 88.3 67.8 101.6





#65

Chlorobenzene

Concen: 47.163 ug/l

RT: 11.457 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

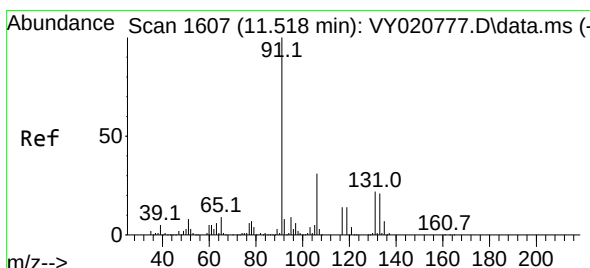
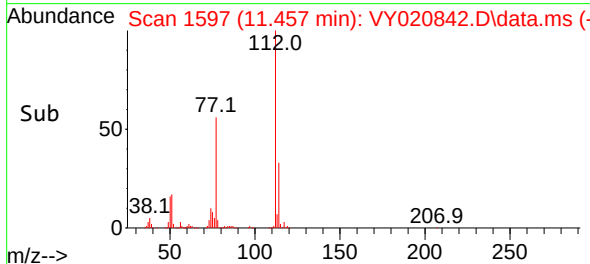
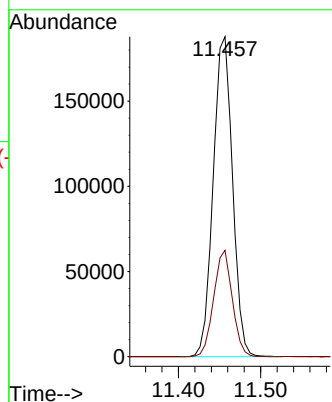
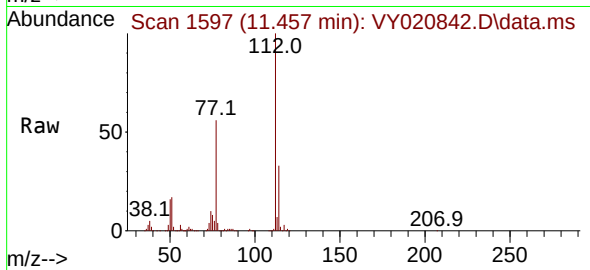
ClientSampleId :

Tgt Ion:112 Resp: 306090

Ion Ratio Lower Upper

112 100

114 33.3 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 45.668 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.012 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

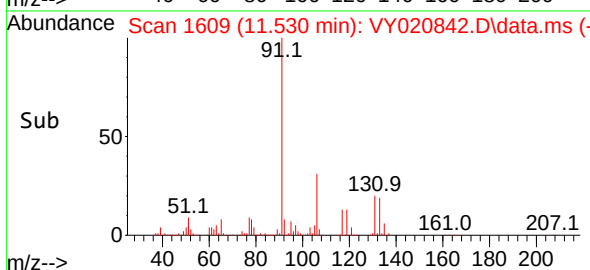
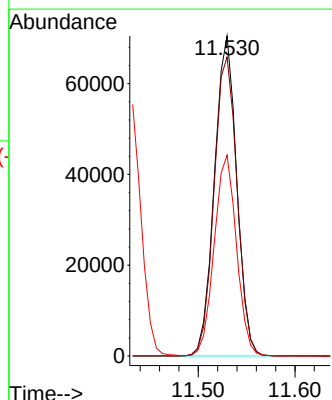
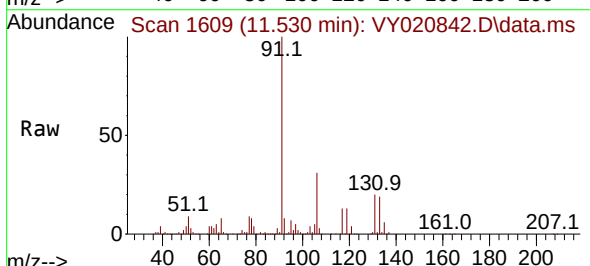
Tgt Ion:131 Resp: 112831

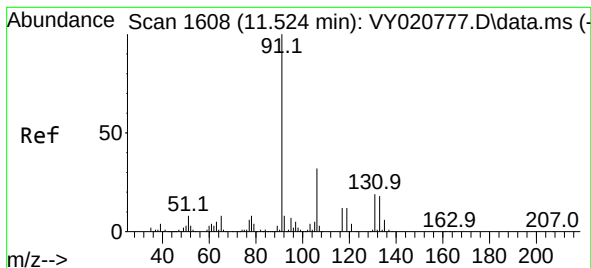
Ion Ratio Lower Upper

131 100

133 96.2 46.9 140.8

119 62.8 30.2 90.6





#67

Ethyl Benzene

Concen: 47.875 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

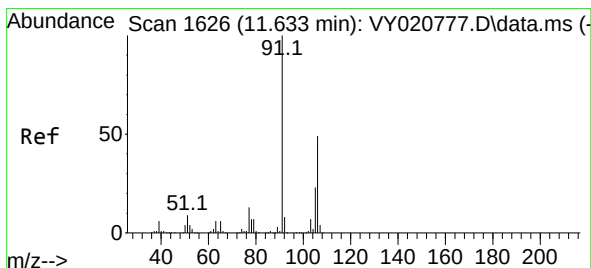
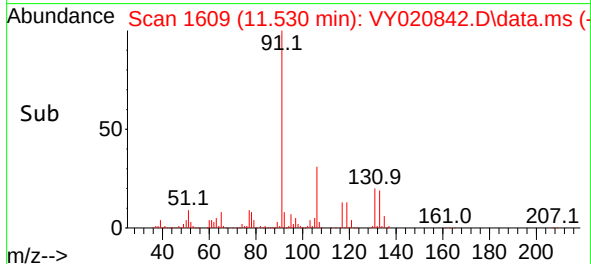
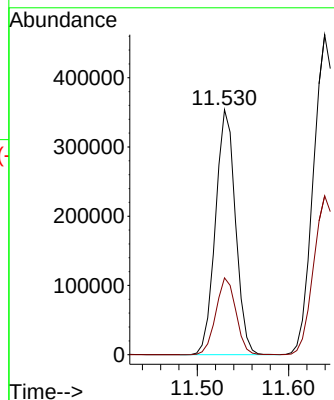
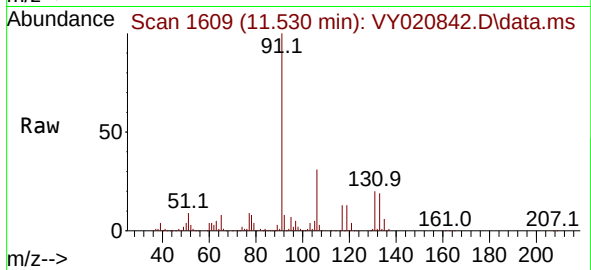
ClientSampleId :

Tgt Ion: 91 Resp: 537940

Ion Ratio Lower Upper

91 100

106 31.3 25.5 38.3



#68

m/p-Xylenes

Concen: 94.744 ug/l

RT: 11.640 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY020842.D

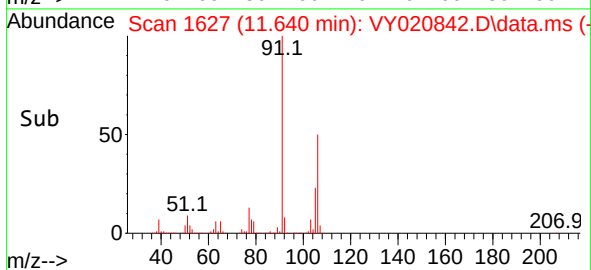
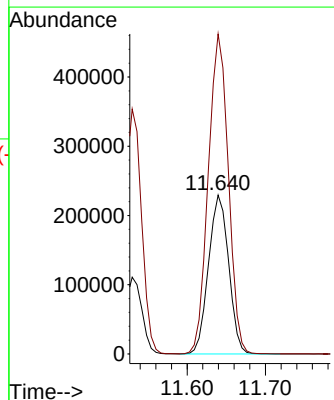
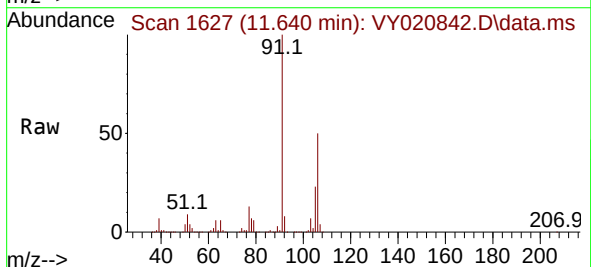
Acq: 17 Jan 2025 09:17

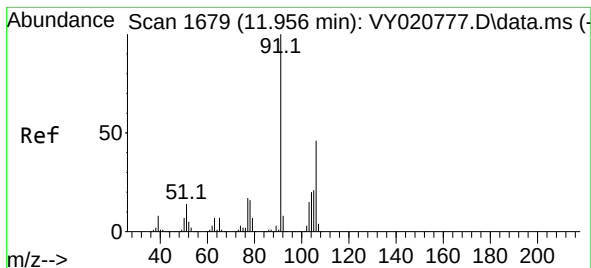
Tgt Ion:106 Resp: 409880

Ion Ratio Lower Upper

106 100

91 200.8 162.6 243.8





#69

o-Xylene

Concen: 47.543 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.012 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

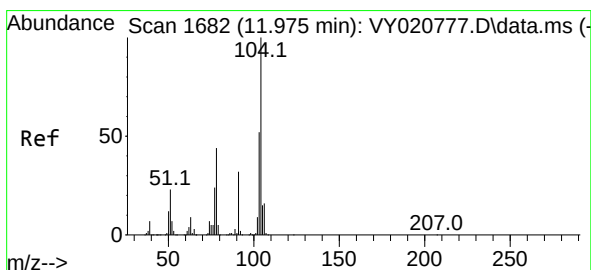
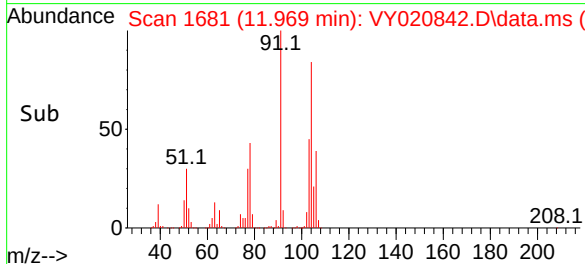
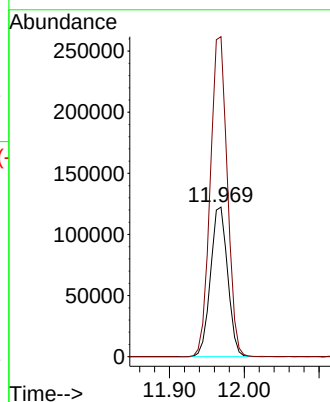
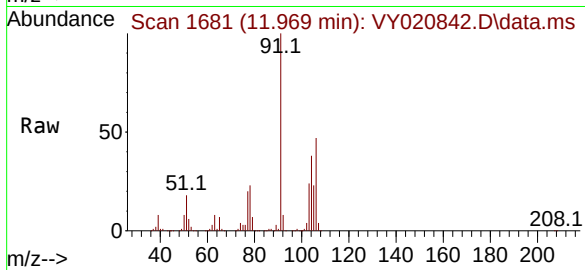
ClientSampleId :

Tgt Ion:106 Resp: 195015

Ion Ratio Lower Upper

106 100

91 213.1 108.2 324.6



#70

Styrene

Concen: 47.416 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

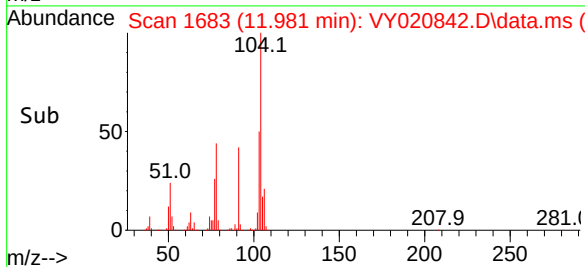
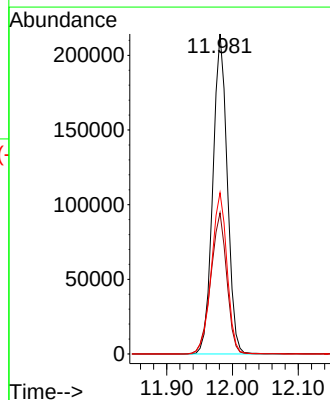
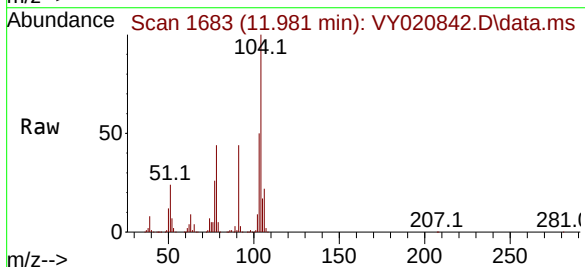
Tgt Ion:104 Resp: 327396

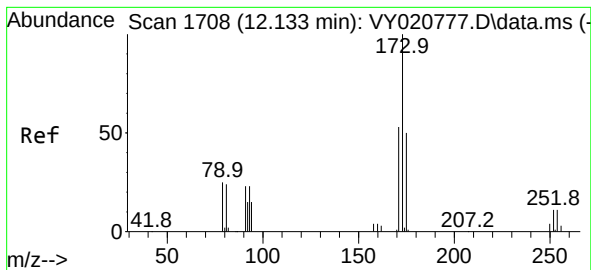
Ion Ratio Lower Upper

104 100

78 48.7 39.4 59.2

103 54.5 44.0 66.0





#71

Bromoform

Concen: 45.138 ug/l

RT: 12.146 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

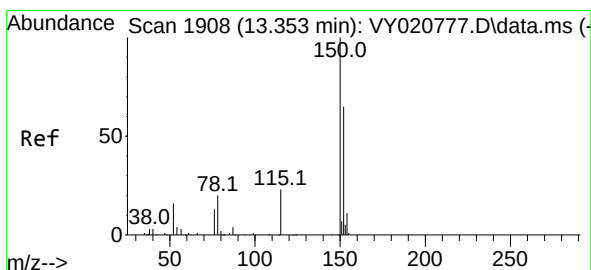
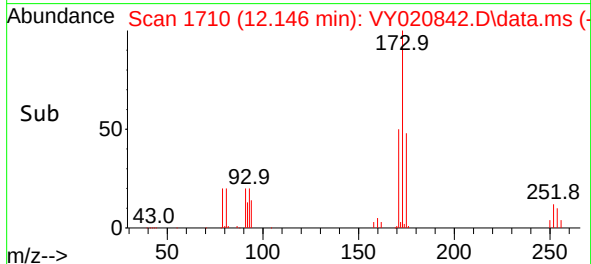
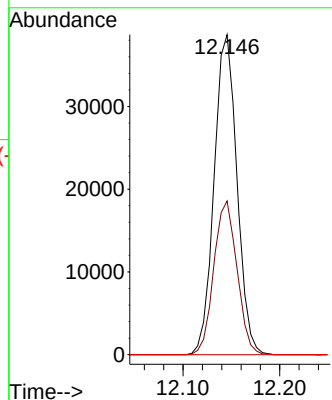
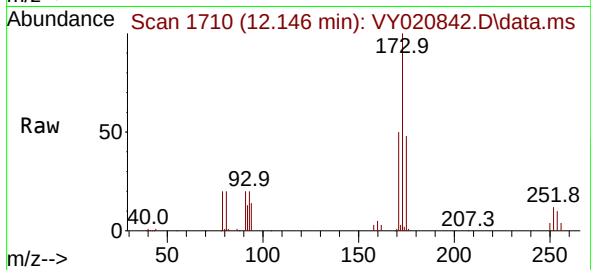
Tgt Ion:173 Resp: 63398

Ion Ratio Lower Upper

173 100

175 48.8 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

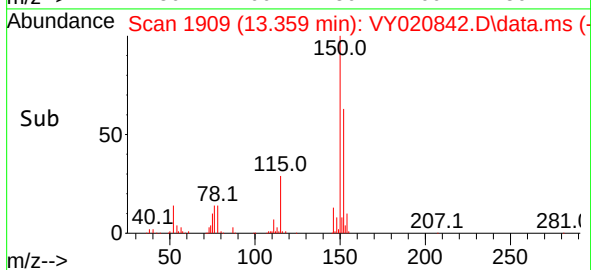
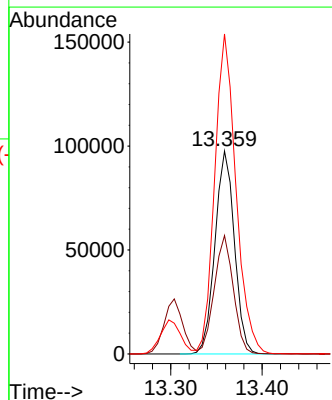
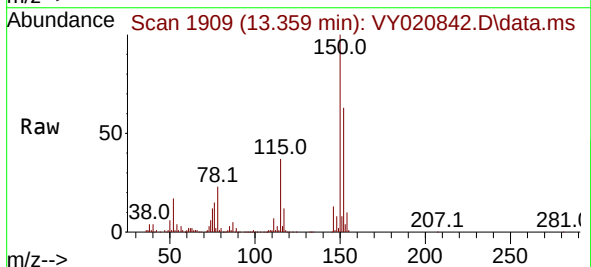
Tgt Ion:152 Resp: 144367

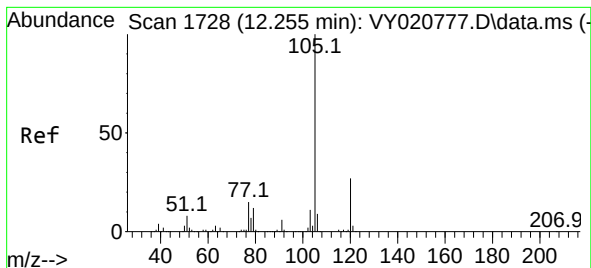
Ion Ratio Lower Upper

152 100

115 57.2 29.0 87.0

150 172.6 0.0 347.4





#73

Isopropylbenzene

Concen: 46.853 ug/l

RT: 12.267 min Scan# 1730

Delta R.T. 0.012 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

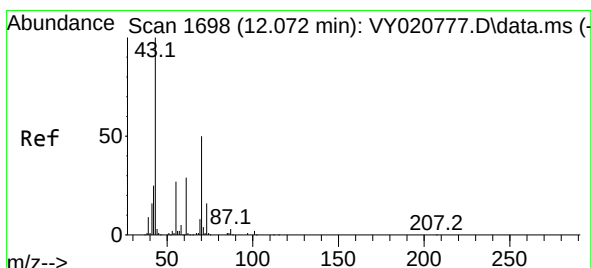
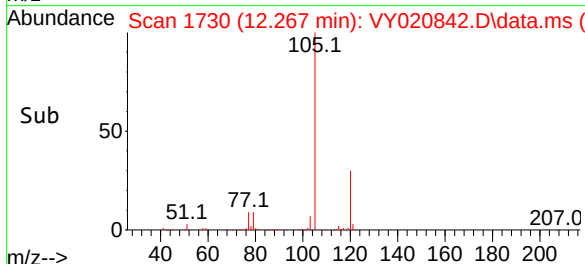
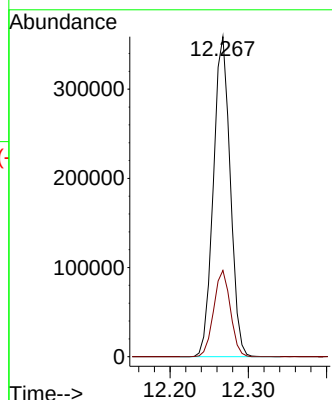
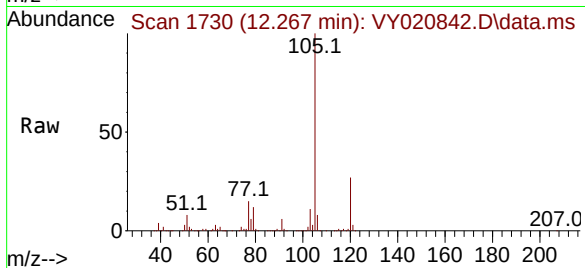
ClientSampleId :

Tgt Ion:105 Resp: 536605

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 49.124 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Tgt Ion: 43 Resp: 92029

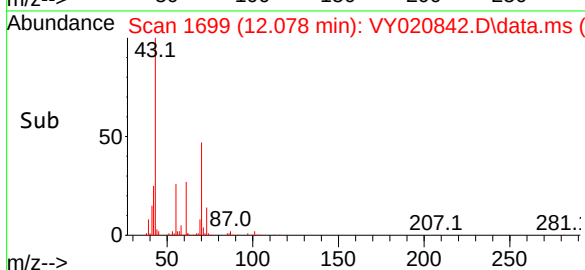
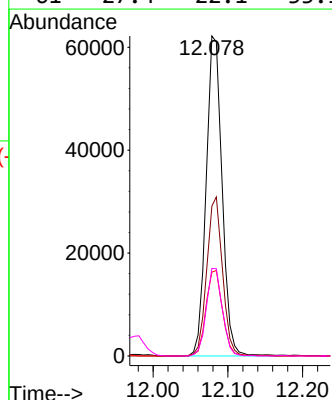
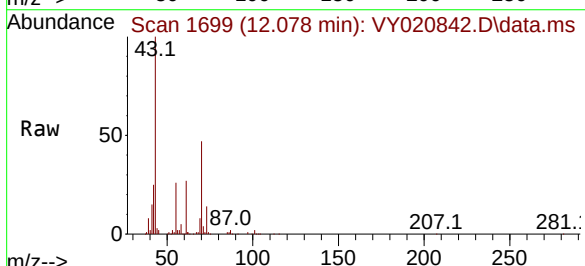
Ion Ratio Lower Upper

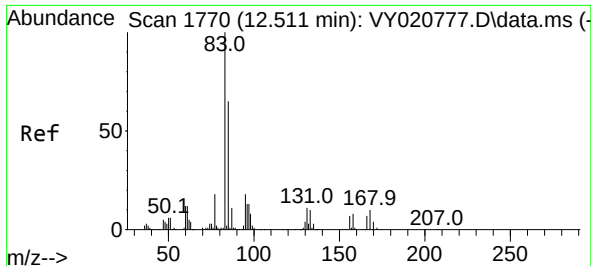
43 100

70 49.0 40.2 60.4

55 27.8 21.2 31.8

61 27.4 22.1 33.1

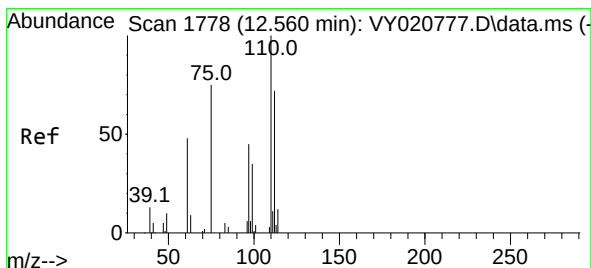
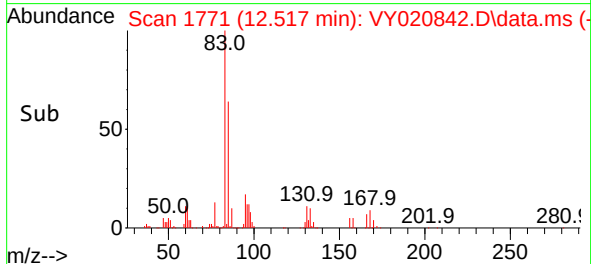
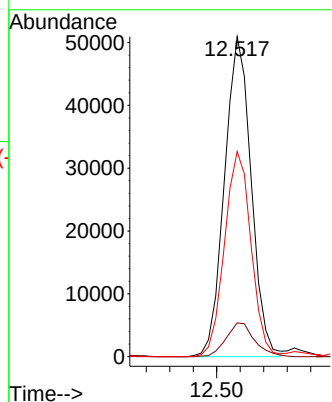
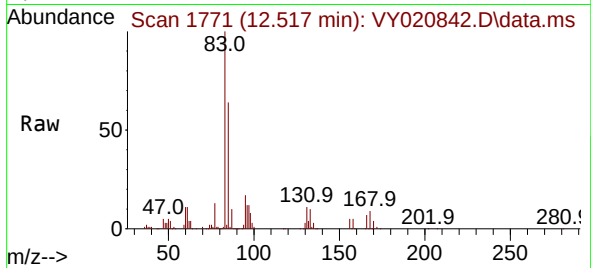




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.249 ug/l
 RT: 12.517 min Scan# 1771
 Delta R.T. 0.006 min
 Lab File: VY020842.D
 Acq: 17 Jan 2025 09:17

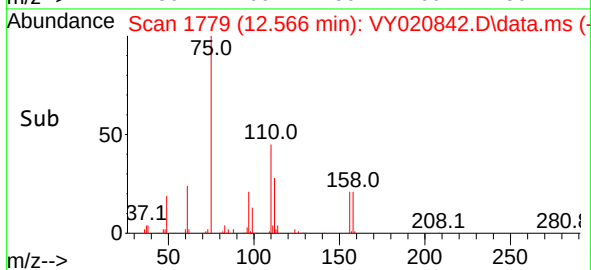
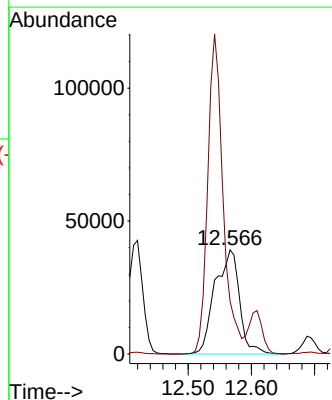
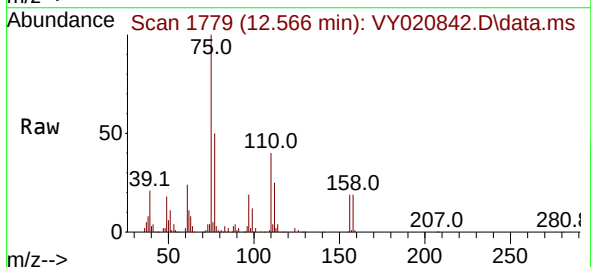
Instrument :
 MSVOA_Y
 ClientSampleId :

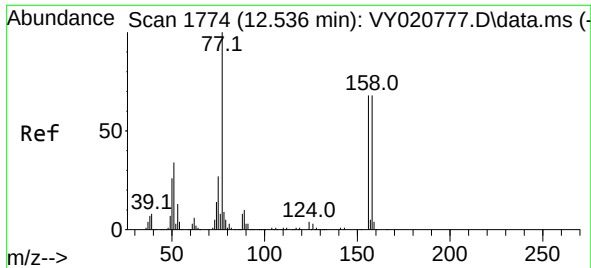
Tgt Ion: 83 Resp: 80282
 Ion Ratio Lower Upper
 83 100
 131 11.3 6.0 18.0
 85 63.7 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 83.211 ug/l
 RT: 12.566 min Scan# 1779
 Delta R.T. 0.006 min
 Lab File: VY020842.D
 Acq: 17 Jan 2025 09:17

Tgt Ion: 75 Resp: 105111
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

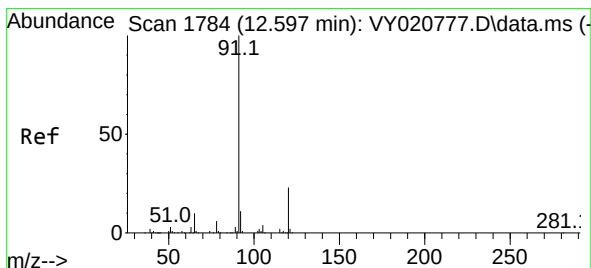
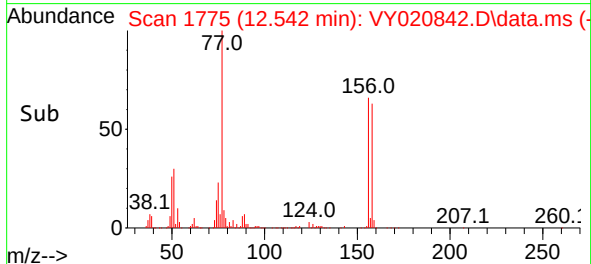
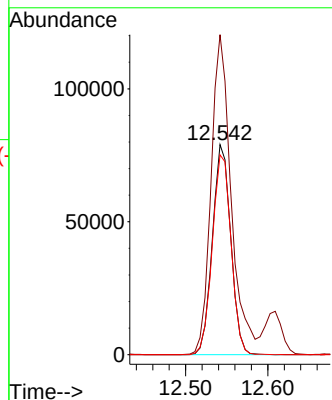
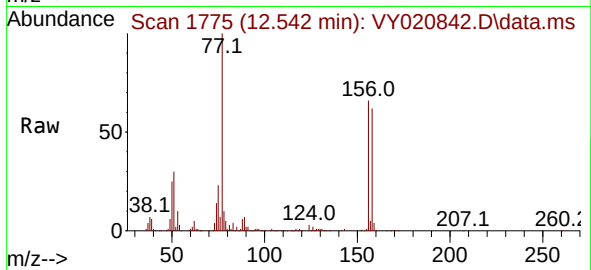




#77
Bromobenzene
Concen: 46.383 ug/l
RT: 12.542 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

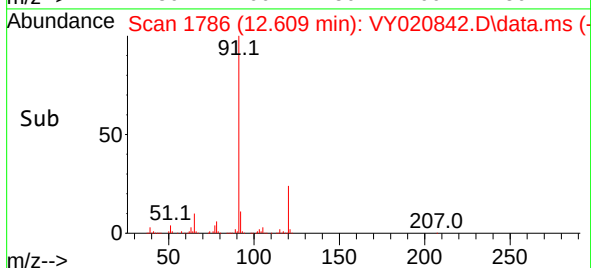
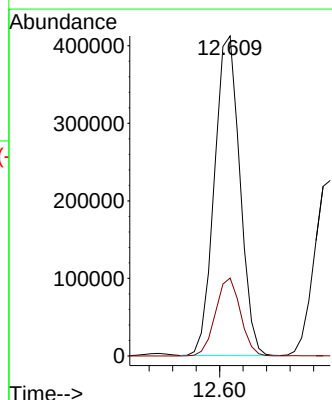
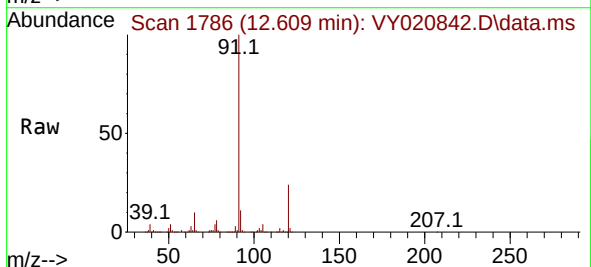
Instrument :
MSVOA_Y
ClientSampleId :

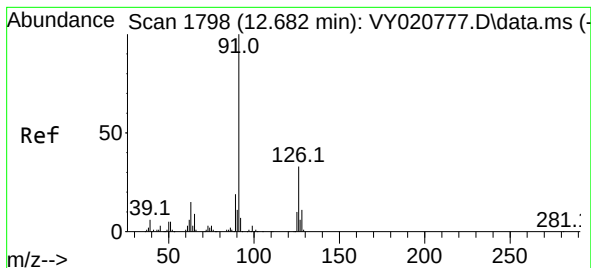
Tgt Ion:156 Resp: 122477
Ion Ratio Lower Upper
156 100
77 166.4 82.3 247.0
158 97.6 48.0 144.0



#78
n-propylbenzene
Concen: 47.676 ug/l
RT: 12.609 min Scan# 1786
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 91 Resp: 619765
Ion Ratio Lower Upper
91 100
120 23.9 12.0 36.1

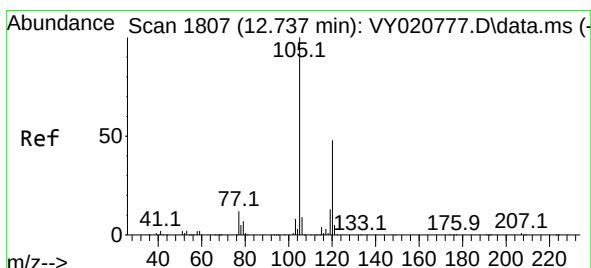
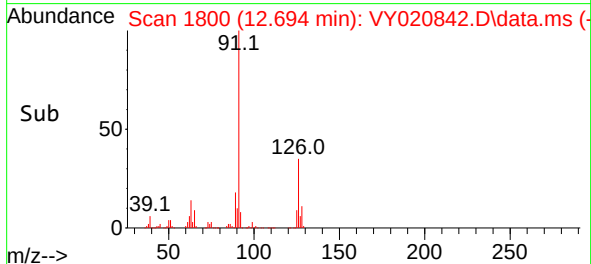
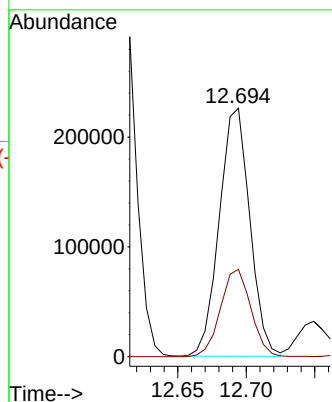
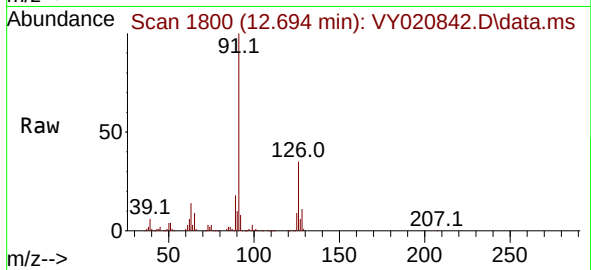




#79
2-Chlorotoluene
Concen: 46.898 ug/l
RT: 12.694 min Scan# 1800
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

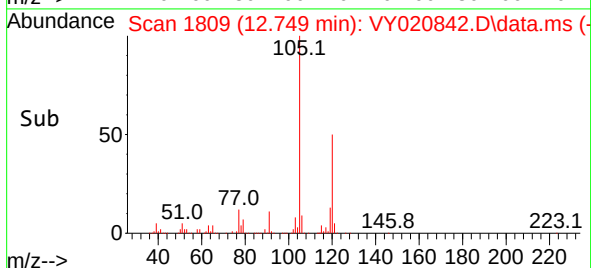
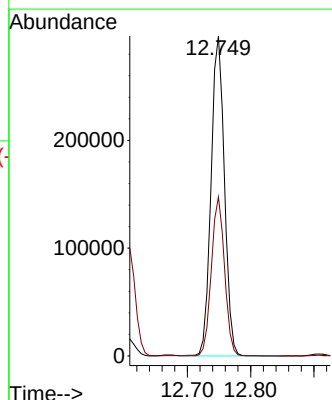
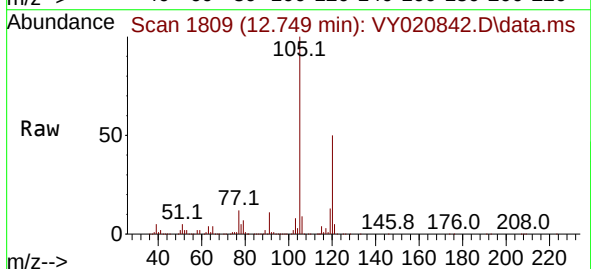
Instrument :
MSVOA_Y
ClientSampleId :

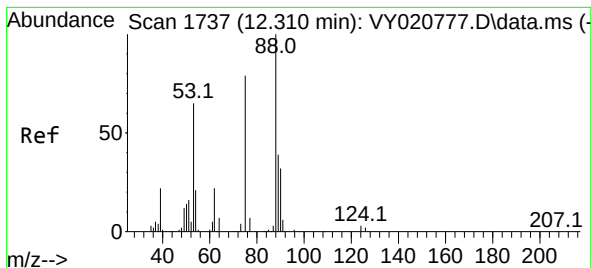
Tgt Ion: 91 Resp: 351081
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 46.949 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 105 Resp: 435766
Ion Ratio Lower Upper
105 100
120 49.1 24.5 73.5

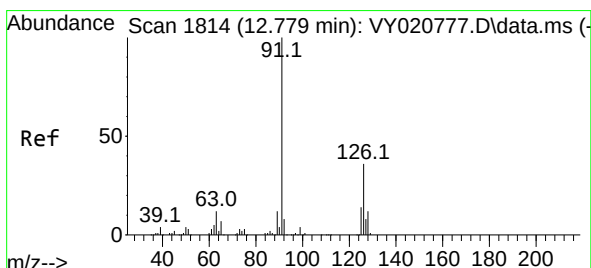
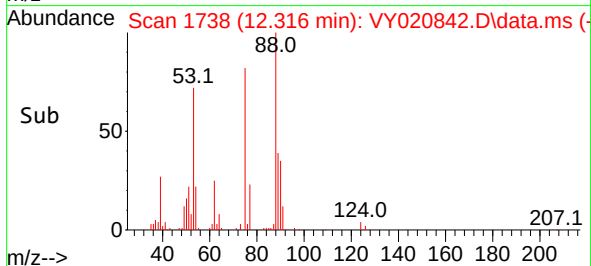
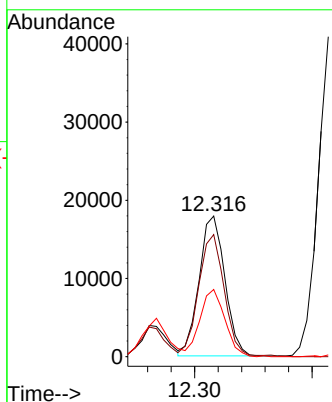
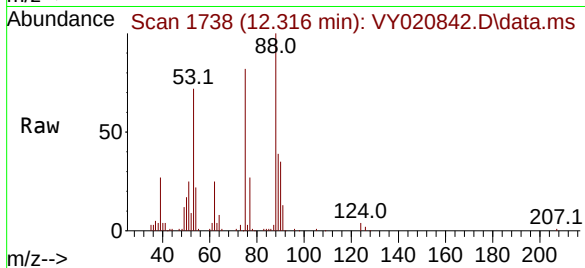




#81
trans-1,4-Dichloro-2-butene
Concen: 45.451 ug/l
RT: 12.316 min Scan# 1738
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

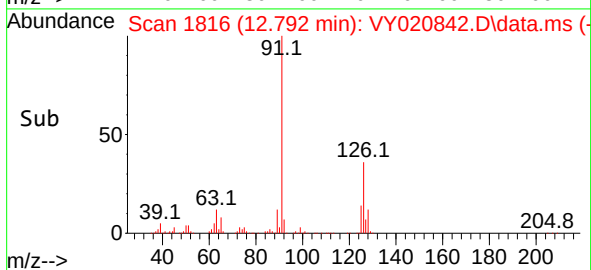
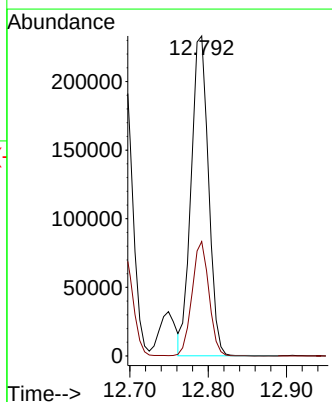
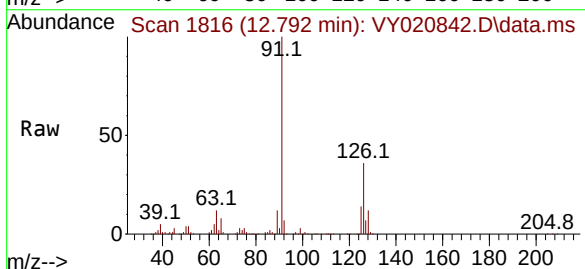
Instrument :
MSVOA_Y
ClientSampleId :

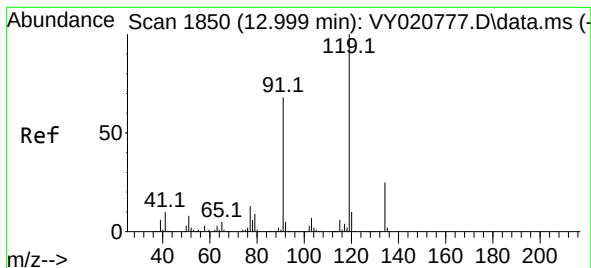
Tgt Ion: 75 Resp: 27229
Ion Ratio Lower Upper
75 100
53 87.9 69.4 104.0
89 46.5 39.6 59.4



#82
4-Chlorotoluene
Concen: 46.541 ug/l
RT: 12.792 min Scan# 1816
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 91 Resp: 359550
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7

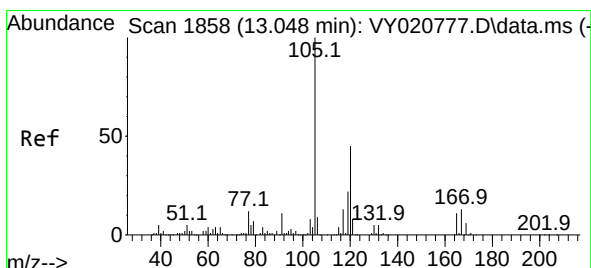
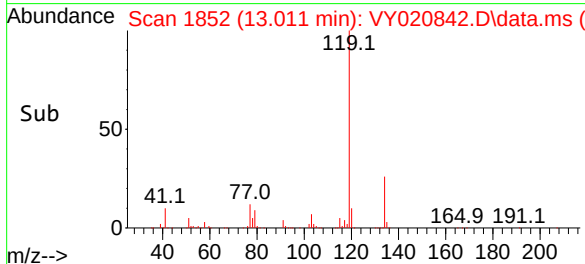
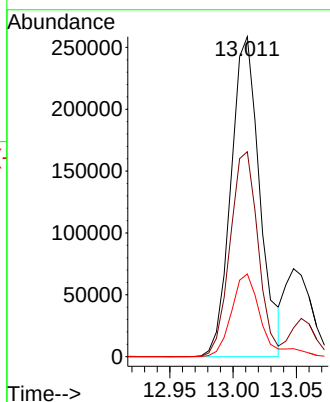
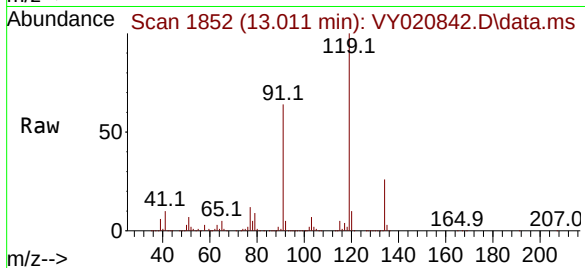




#83
tert-Butylbenzene
Concen: 47.290 ug/l
RT: 13.011 min Scan# 1852
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

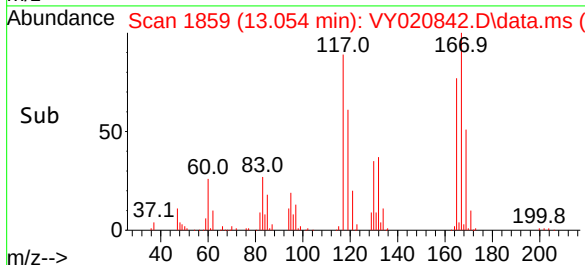
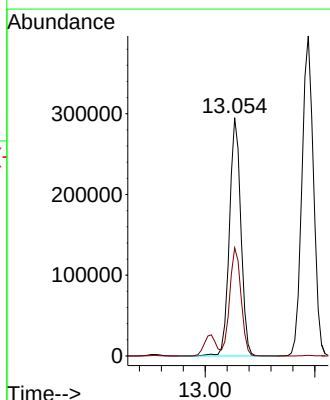
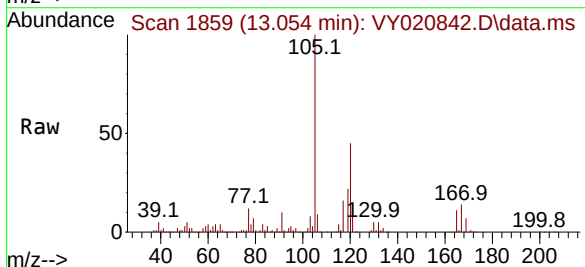
Instrument :
MSVOA_Y
ClientSampleId :

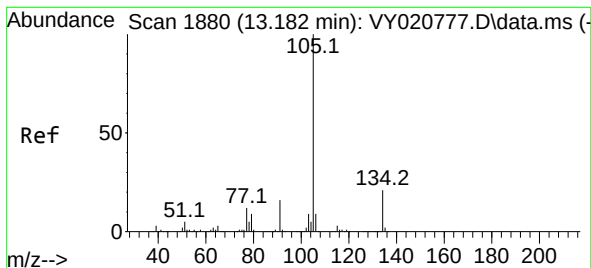
Tgt Ion:119 Resp: 410523
Ion Ratio Lower Upper
119 100
91 62.2 33.0 98.9
134 26.8 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 47.045 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion:105 Resp: 426405
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.2





#85

sec-Butylbenzene

Concen: 47.668 ug/l

RT: 13.188 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

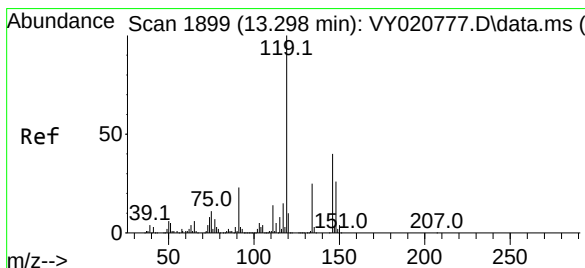
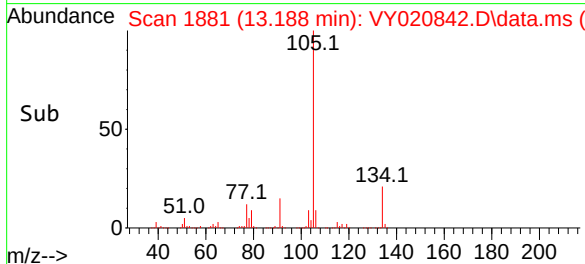
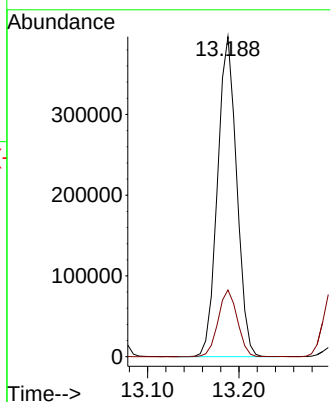
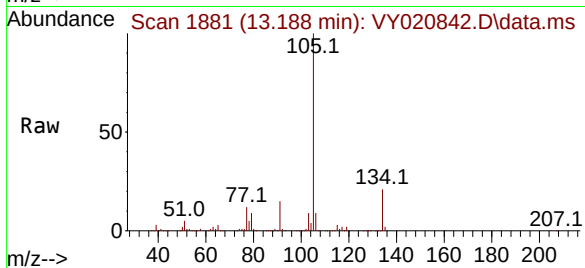
ClientSampleId :

Tgt Ion:105 Resp: 578008

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.5



#86

p-Isopropyltoluene

Concen: 47.257 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

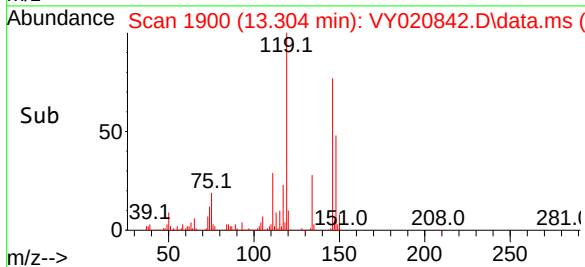
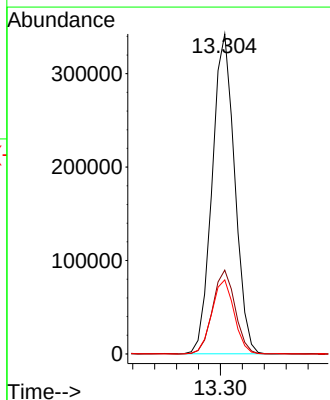
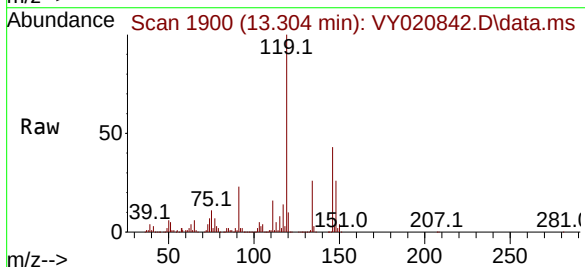
Tgt Ion:119 Resp: 488825

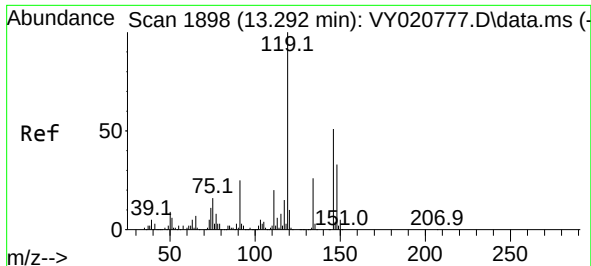
Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

91 23.0 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 46.499 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

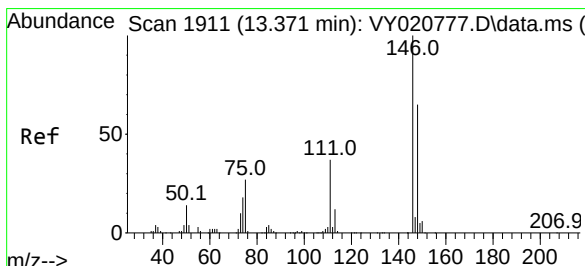
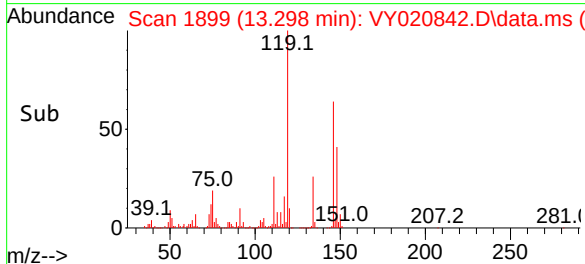
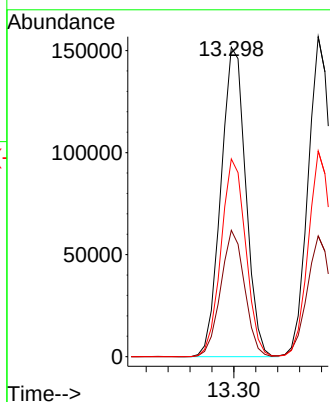
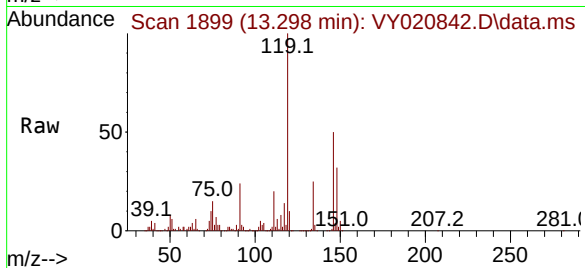
Tgt Ion:146 Resp: 238570

Ion Ratio Lower Upper

146 100

111 39.3 19.5 58.5

148 63.5 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 46.504 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

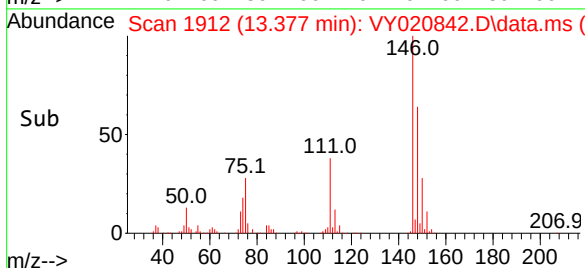
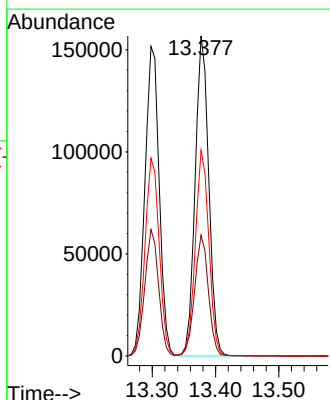
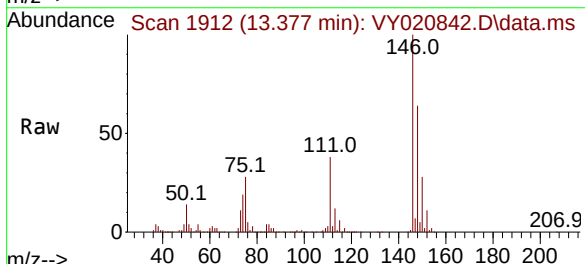
Tgt Ion:146 Resp: 234867

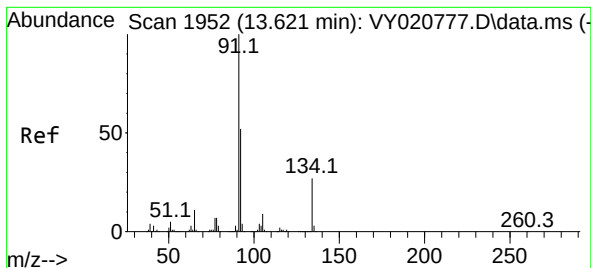
Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.3

148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 47.912 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

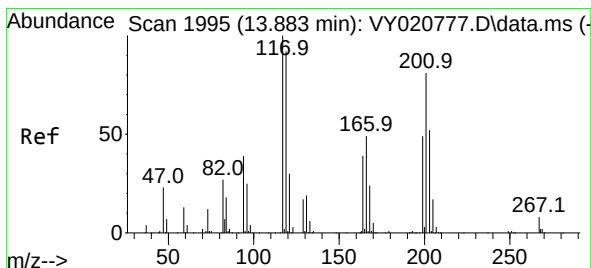
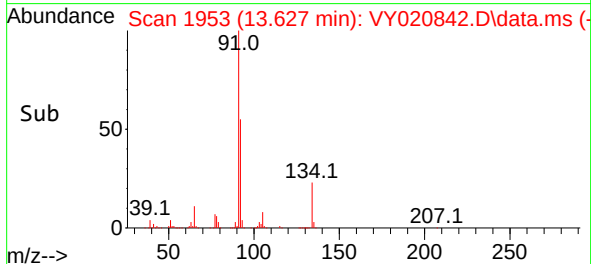
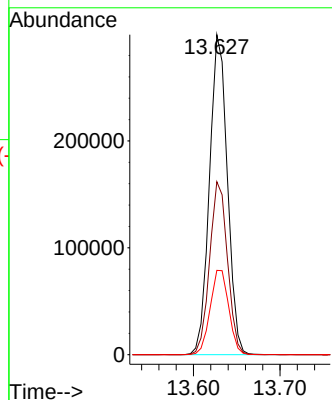
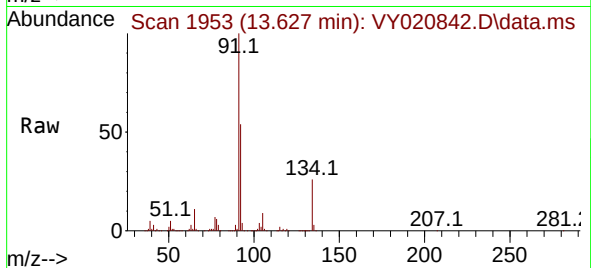
Tgt Ion: 91 Resp: 429952

Ion Ratio Lower Upper

91 100

92 53.9 26.5 79.4

134 27.4 13.8 41.4



#90

Hexachloroethane

Concen: 46.411 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY020842.D

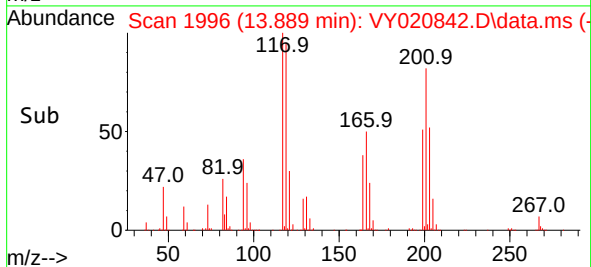
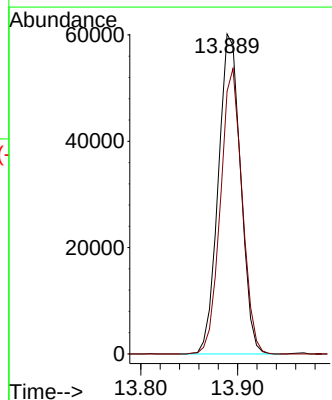
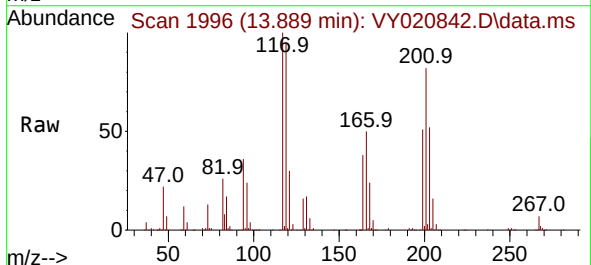
Acq: 17 Jan 2025 09:17

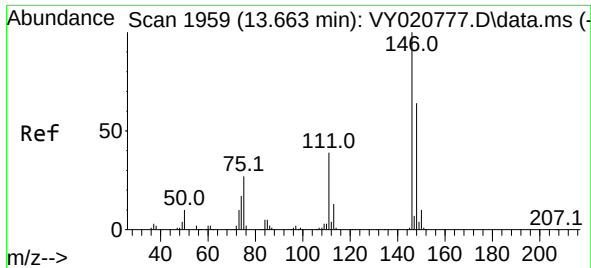
Tgt Ion: 117 Resp: 96398

Ion Ratio Lower Upper

117 100

201 86.4 42.9 128.7

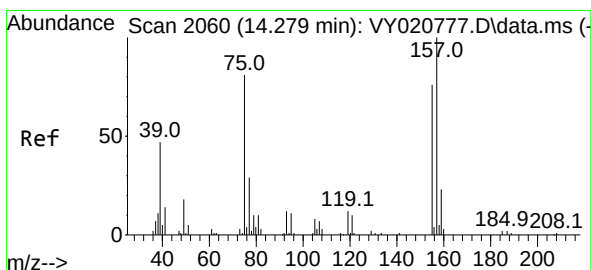
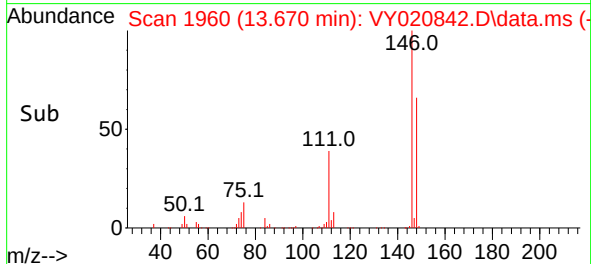
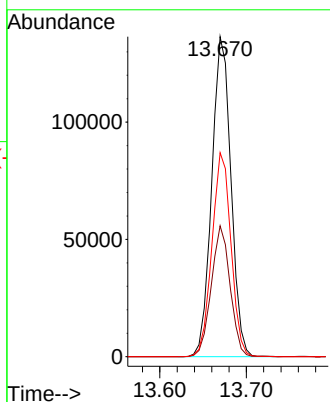
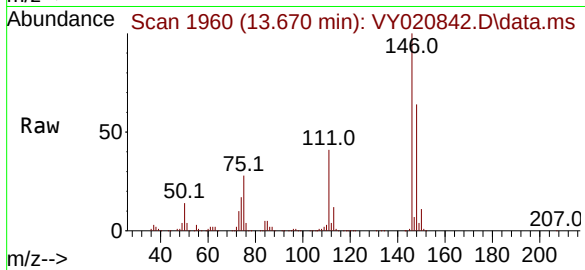




#91
1,2-Dichlorobenzene
Concen: 46.806 ug/l
RT: 13.670 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

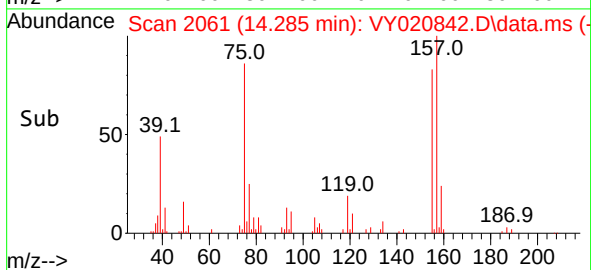
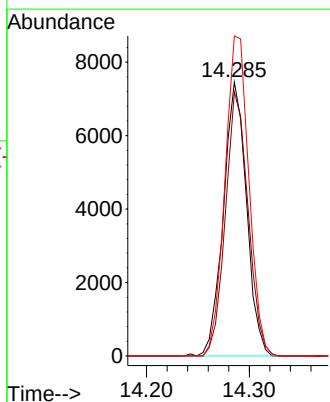
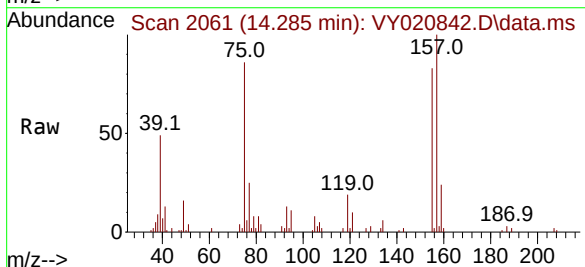
Instrument :
MSVOA_Y
ClientSampleId :

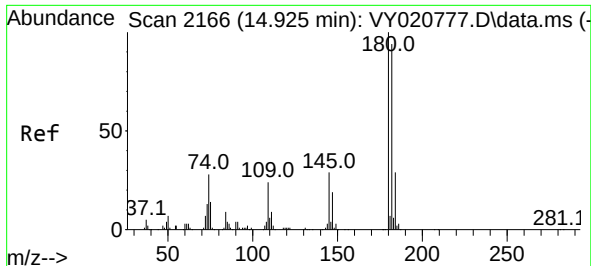
Tgt Ion:146 Resp: 209970
Ion Ratio Lower Upper
146 100
111 40.1 20.0 60.0
148 63.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.515 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

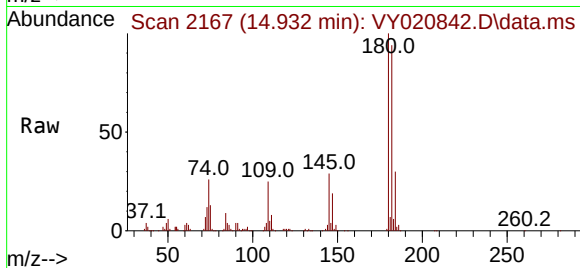
Tgt Ion: 75 Resp: 11652
Ion Ratio Lower Upper
75 100
155 94.7 45.5 136.5
157 120.9 59.7 179.0



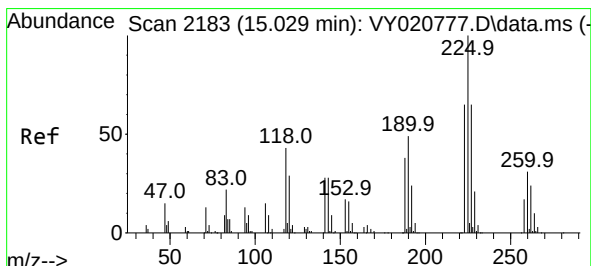
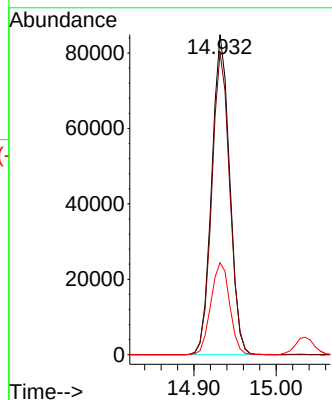
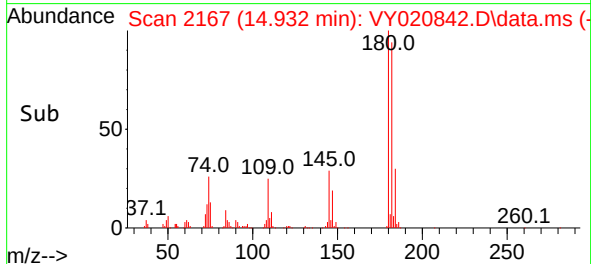


#93
1,2,4-Trichlorobenzene
Concen: 49.764 ug/l
RT: 14.932 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

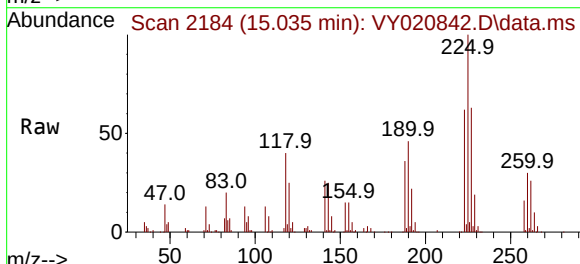
Instrument :
MSVOA_Y
ClientSampleId :



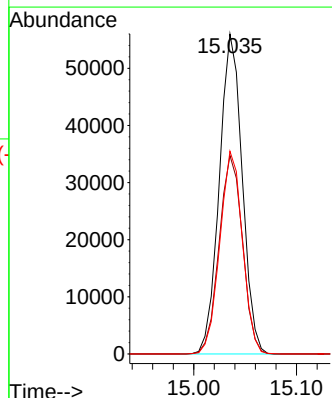
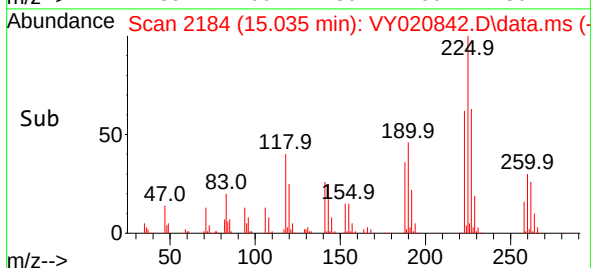
Tgt Ion:180 Resp: 128474
Ion Ratio Lower Upper
180 100
182 94.6 47.6 142.9
145 30.2 15.0 45.1

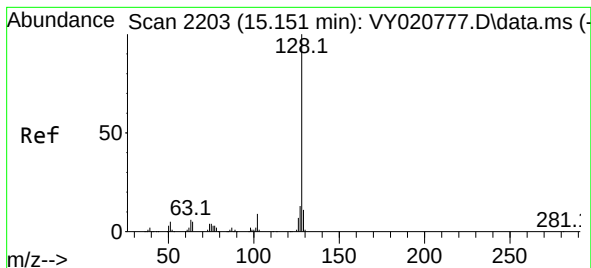


#94
Hexachlorobutadiene
Concen: 47.497 ug/l
RT: 15.035 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17



Tgt Ion:225 Resp: 86446
Ion Ratio Lower Upper
225 100
223 63.3 31.6 94.8
227 62.7 32.2 96.6





#95

Naphthalene

Concen: 48.044 ug/l

RT: 15.157 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

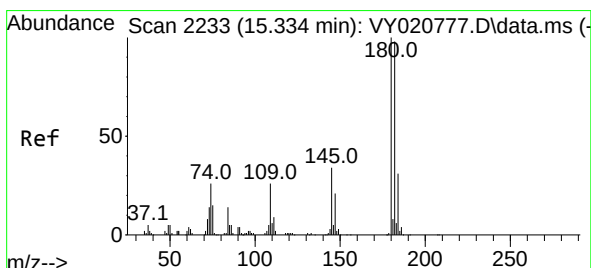
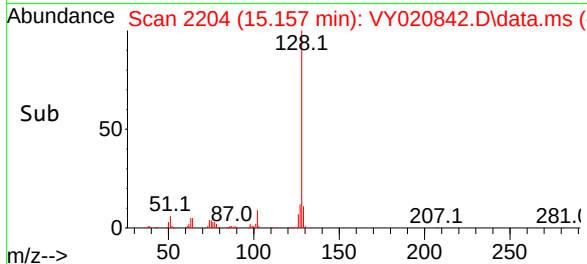
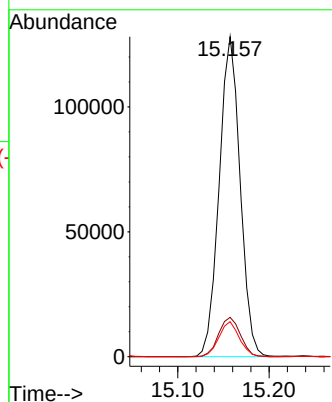
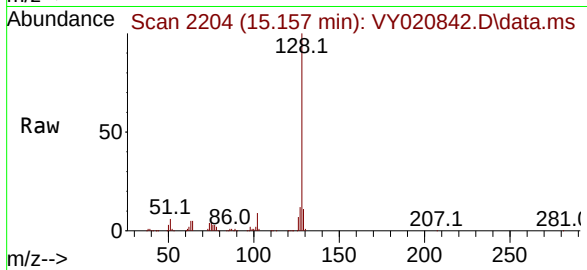
Tgt Ion:128 Resp: 204142

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 49.479 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Tgt Ion:180 Resp: 107021

Ion Ratio Lower Upper

180 100

182 93.5 48.1 144.3

145 31.6 16.1 48.2

