

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
 Data File : VY020802.D
 Acq On : 08 Jan 2025 11:19
 Operator : SY/MD
 Sample : VY0108SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 09 00:18:27 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	7.725	168	187200	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	282284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	237088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	115435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	88797	55.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.620%
35) Dibromofluoromethane	7.646	113	91633	51.814	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.620%
50) Toluene-d8	10.115	98	351614	57.034	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.060%
62) 4-Bromofluorobenzene	12.414	95	118222	51.929	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	103.860%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	24882	18.111	ug/l	97
3) Chloromethane	2.074	50	14142	19.550	ug/l	98
4) Vinyl Chloride	2.214	62	16303	20.274	ug/l	96
5) Bromomethane	2.611	94	10885	19.005	ug/l	98
6) Chloroethane	2.745	64	10509	21.190	ug/l	98
7) Trichlorofluoromethane	3.080	101	47050	19.064	ug/l	92
8) Diethyl Ether	3.470	74	15451	20.019	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.836	101	32311	19.386	ug/l	99
10) Methyl Iodide	4.025	142	34216	19.157	ug/l	97
11) Tert butyl alcohol	4.884	59	6136	51.035	ug/l #	80
12) 1,1-Dichloroethene	3.805	96	28076	19.232	ug/l	97
13) Acrolein	3.665	56	4855	143.791	ug/l	98
14) Allyl chloride	4.403	41	42205	20.039	ug/l	95
15) Acrylonitrile	5.080	53	35799	109.137	ug/l	99
16) Acetone	3.891	43	24167	106.809	ug/l	97
17) Carbon Disulfide	4.122	76	55863	17.640	ug/l	96
18) Methyl Acetate	4.403	43	16853	22.060	ug/l	96
19) Methyl tert-butyl Ether	5.134	73	83715	20.320	ug/l	98
20) Methylene Chloride	4.641	84	31216	19.977	ug/l	97
21) trans-1,2-Dichloroethene	5.134	96	30874	19.205	ug/l	97
22) Diisopropyl ether	6.031	45	98416	21.936	ug/l	95
23) Vinyl Acetate	5.976	43	270455	109.331	ug/l	99
24) 1,1-Dichloroethane	5.939	63	59868	20.225	ug/l	100
25) 2-Butanone	6.915	43	40778	109.714	ug/l	97
26) 2,2-Dichloropropane	6.902	77	59934	19.502	ug/l	100
27) cis-1,2-Dichloroethene	6.909	96	40505	19.970	ug/l	99
28) Bromochloromethane	7.262	49	13781	17.254	ug/l	96
29) Tetrahydrofuran	7.280	42	27038	113.880	ug/l	95
30) Chloroform	7.439	83	67706	20.057	ug/l	98
31) Cyclohexane	7.713	56	44752	19.329	ug/l	97
32) 1,1,1-Trichloroethane	7.634	97	63475	19.278	ug/l	99
36) 1,1-Dichloropropene	7.847	75	42193	18.705	ug/l	99
37) Ethyl Acetate	7.000	43	19036	21.206	ug/l	98
38) Carbon Tetrachloride	7.829	117	59315	18.890	ug/l	94
39) Methylcyclohexane	9.122	83	51518	18.612	ug/l	98
40) Benzene	8.091	78	137180	19.815	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	10961	21.322	ug/l	96
42) 1,2-Dichloroethane	8.170	62	37215	19.684	ug/l	99
43) Isopropyl Acetate	8.207	43	39016	21.369	ug/l	98
44) Trichloroethene	8.872	130	36984	19.164	ug/l	99
45) 1,2-Dichloropropane	9.152	63	32447	20.674	ug/l	94
46) Dibromomethane	9.243	93	18492	20.518	ug/l	97
47) Bromodichloromethane	9.432	83	51380	19.906	ug/l	97
48) Methyl methacrylate	9.231	41	16919	20.670	ug/l	99
49) 1,4-Dioxane	9.243	88	3894	406.946	ug/l	98
51) 4-Methyl-2-Pentanone	10.006	43	102473	112.343	ug/l	98
52) Toluene	10.182	92	90929	19.834	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	46617	20.307	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	53489	20.062	ug/l	95
55) 1,1,2-Trichloroethane	10.579	97	26396	20.501	ug/l	97
56) Ethyl methacrylate	10.451	69	33689	20.718	ug/l	98
57) 1,3-Dichloropropane	10.725	76	43322	20.642	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	68024	105.451	ug/l	97
59) 2-Hexanone	10.768	43	66233	113.183	ug/l	97
60) Dibromochloromethane	10.920	129	37564	20.116	ug/l	99
61) 1,2-Dibromoethane	11.024	107	24111	20.859	ug/l	100
64) Tetrachloroethene	10.658	164	32503	18.647	ug/l	98
65) Chlorobenzene	11.450	112	103193	19.686	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	38802	19.444	ug/l	97
67) Ethyl Benzene	11.530	91	177502	19.558	ug/l	99
68) m/p-Xylenes	11.639	106	135995	38.920	ug/l	99
69) o-Xylene	11.962	106	64988	19.616	ug/l	98
70) Styrene	11.981	104	110918	19.889	ug/l	99
71) Bromoform	12.139	173	23052	20.320	ug/l #	99
73) Isopropylbenzene	12.261	105	179153	19.563	ug/l	100
74) N-amyl acetate	12.078	43	32211	21.503	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.517	83	30307	21.835	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	38410	38.029	ug/l #	100
77) Bromobenzene	12.542	156	42045	19.914	ug/l	98
78) n-propylbenzene	12.603	91	207807	19.992	ug/l	98
79) 2-Chlorotoluene	12.688	91	118434	19.786	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	145517	19.607	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	9792	20.442	ug/l	97
82) 4-Chlorotoluene	12.786	91	121220	19.624	ug/l	98
83) tert-Butylbenzene	13.005	119	133906	19.291	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	144939	19.999	ug/l	99
85) sec-Butylbenzene	13.188	105	191485	19.750	ug/l	99
86) p-Isopropyltoluene	13.304	119	162408	19.636	ug/l	100
87) 1,3-Dichlorobenzene	13.298	146	81615	19.894	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	79689	19.733	ug/l	99
89) n-Butylbenzene	13.627	91	141573	19.730	ug/l	99
90) Hexachloroethane	13.889	117	32270	19.430	ug/l	100
91) 1,2-Dichlorobenzene	13.669	146	70861	19.755	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4563	20.332	ug/l	98
93) 1,2,4-Trichlorobenzene	14.931	180	40397	19.569	ug/l	100
94) Hexachlorobutadiene	15.035	225	27777	19.087	ug/l	99
95) Naphthalene	15.157	128	65675	19.330	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	33469	19.352	ug/l	99

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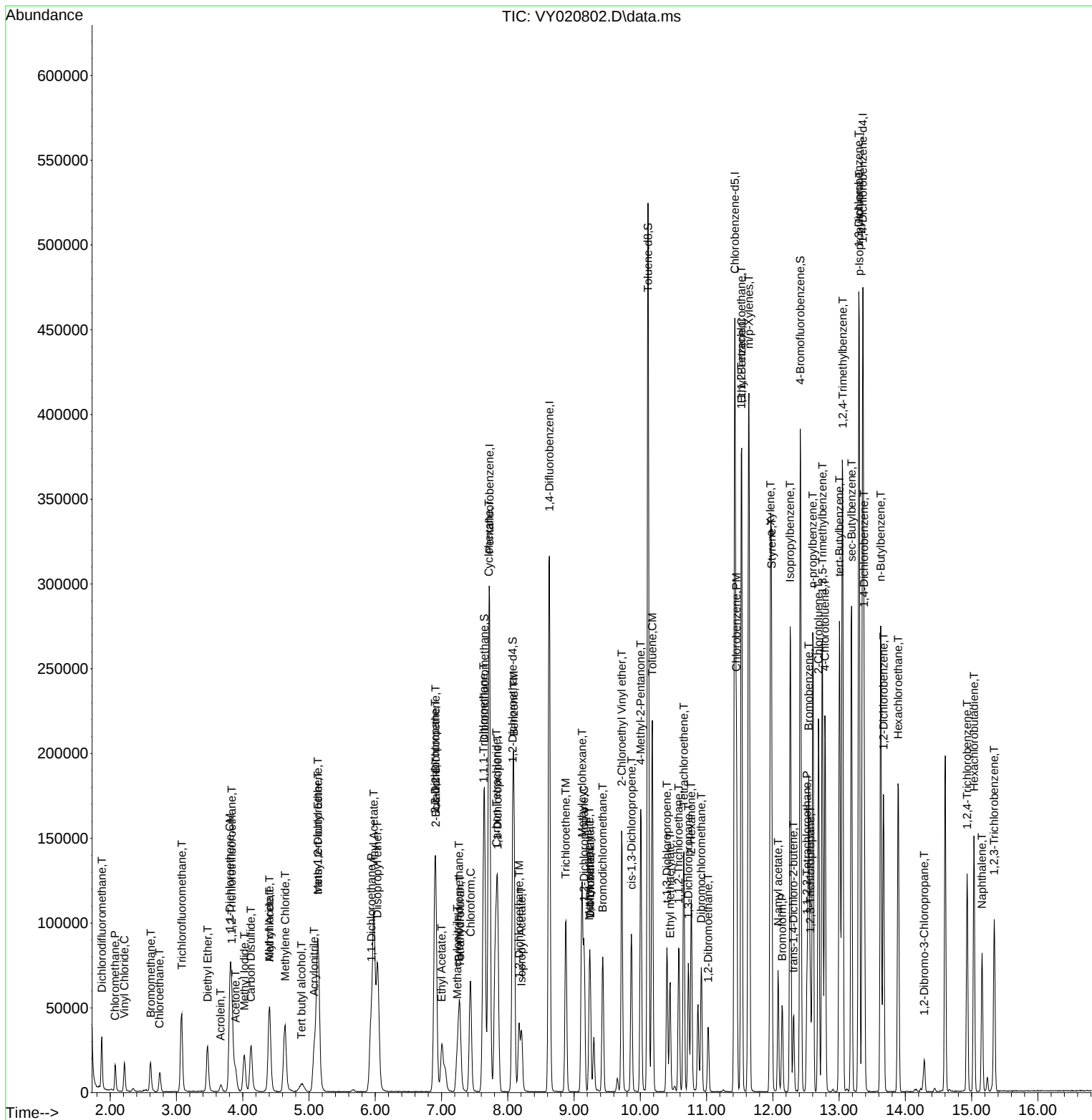
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MSVOA_Y
ClientSampleId :

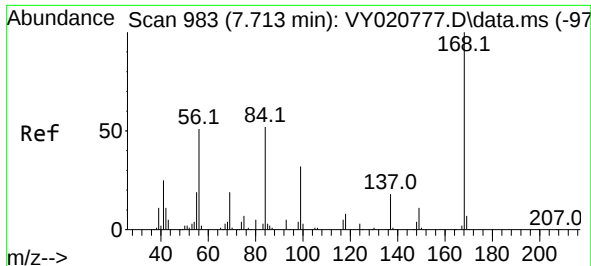
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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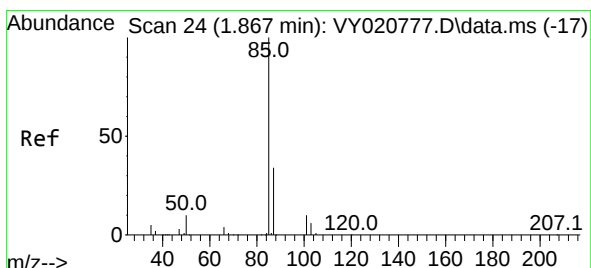
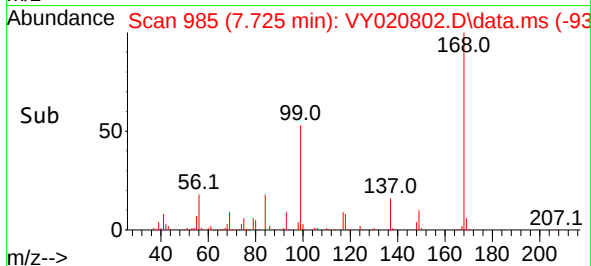
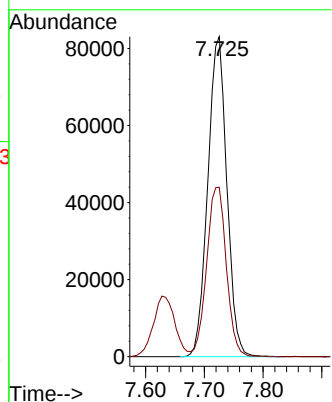
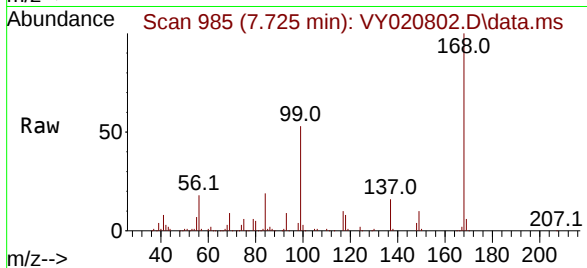




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020802.D
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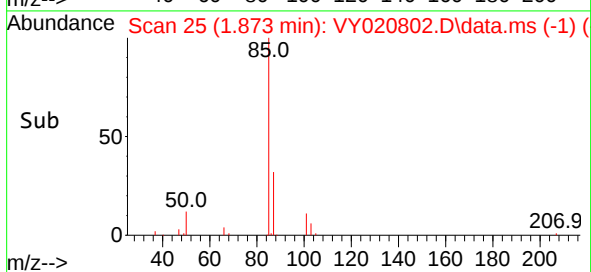
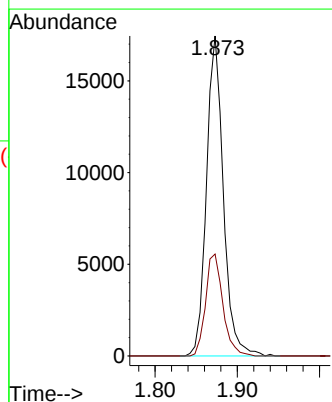
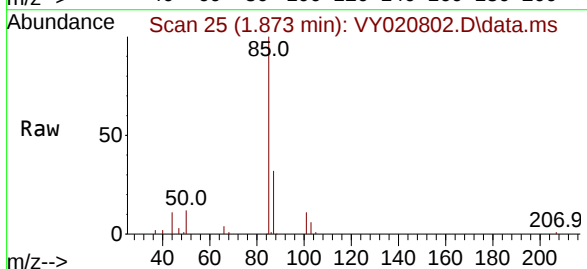
Instrument :
MSVOA_Y
ClientSampleId :

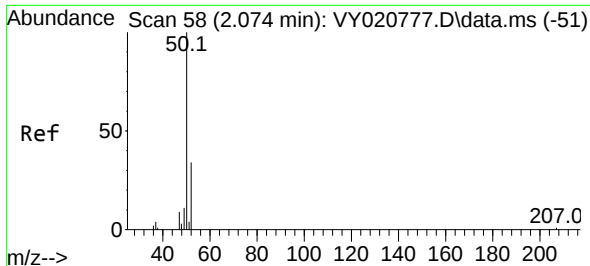
Tgt Ion:168 Resp: 187200
Ion Ratio Lower Upper
168 100
99 52.9 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 18.111 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Tgt Ion: 85 Resp: 24882
Ion Ratio Lower Upper
85 100
87 31.8 16.9 50.6

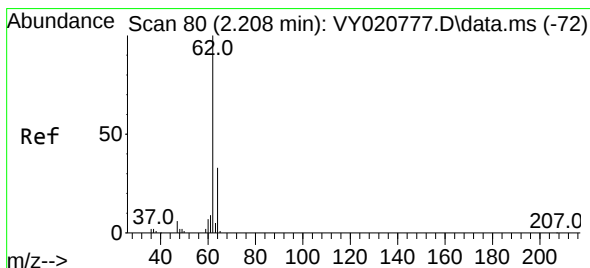
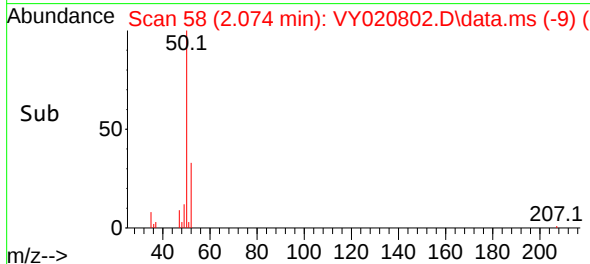
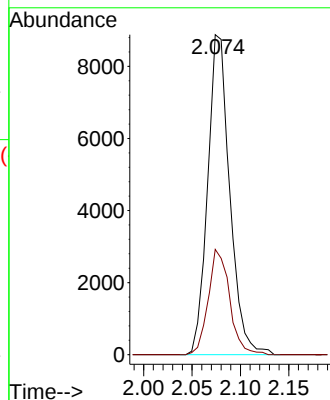
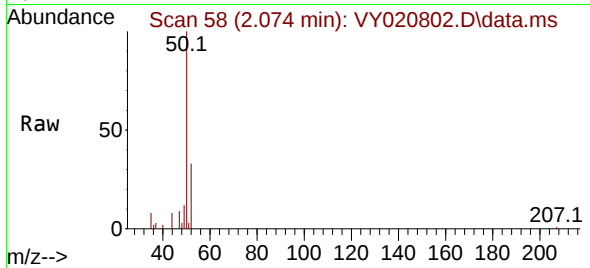




#3
Chloromethane
Concen: 19.550 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

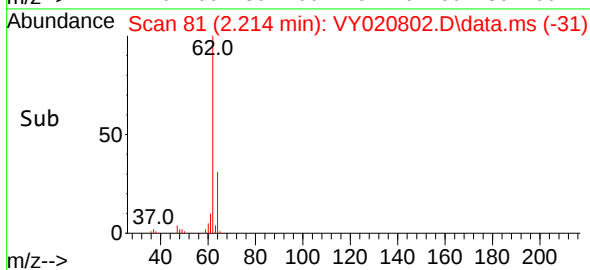
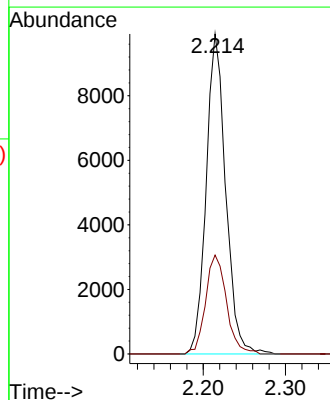
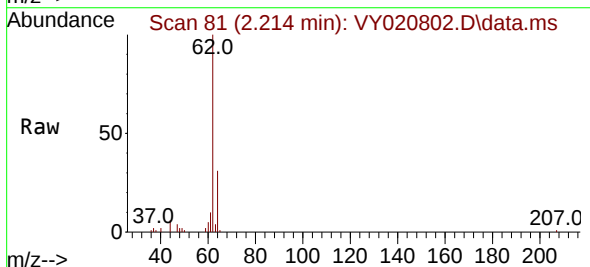
Instrument :
MSVOA_Y
ClientSampleId :

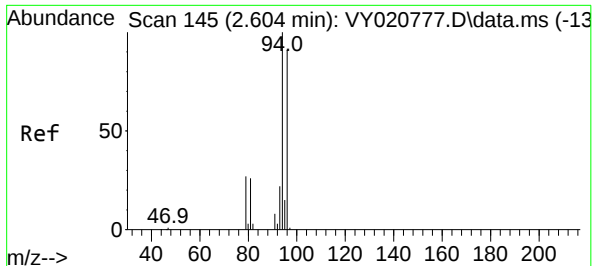
Tgt Ion: 50 Resp: 14142
Ion Ratio Lower Upper
50 100
52 32.9 27.3 40.9



#4
Vinyl Chloride
Concen: 20.274 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Tgt Ion: 62 Resp: 16303
Ion Ratio Lower Upper
62 100
64 30.9 26.6 39.8

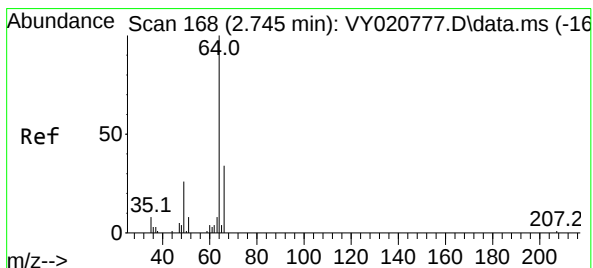
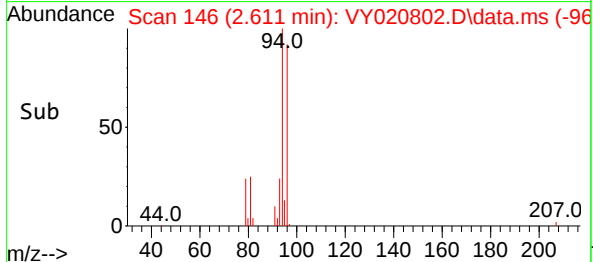
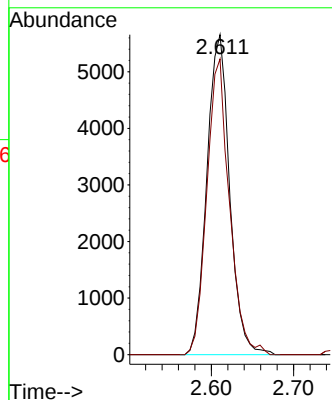
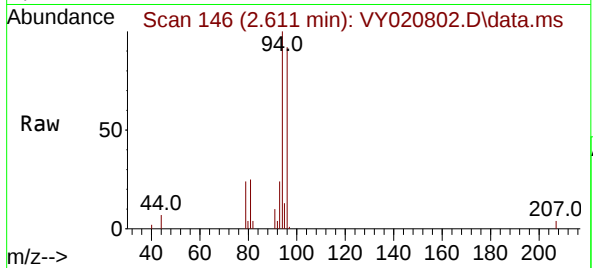




#5
Bromomethane
Concen: 19.005 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

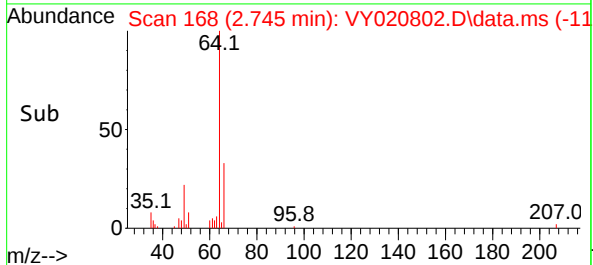
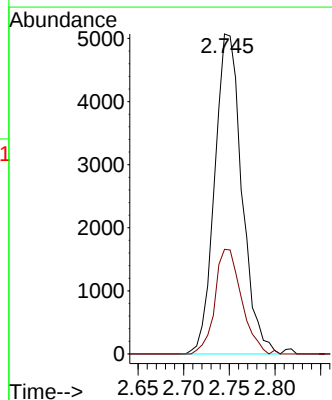
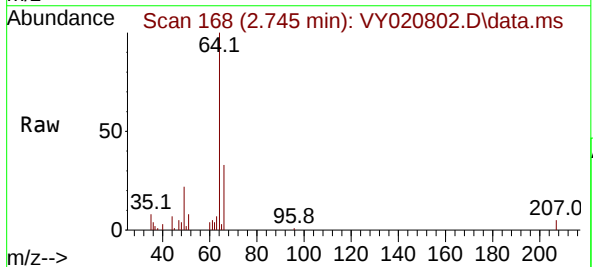
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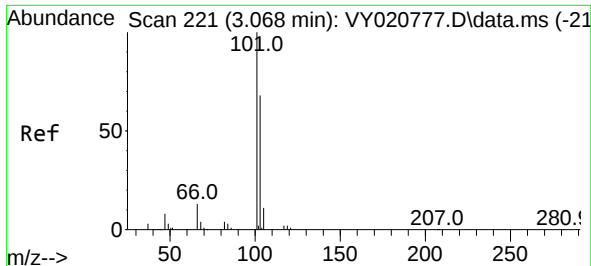
Tgt Ion: 94 Resp: 10885
Ion Ratio Lower Upper
94 100
96 92.4 72.6 109.0



#6
Chloroethane
Concen: 21.190 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.000 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Tgt Ion: 64 Resp: 10509
Ion Ratio Lower Upper
64 100
66 32.7 26.9 40.3

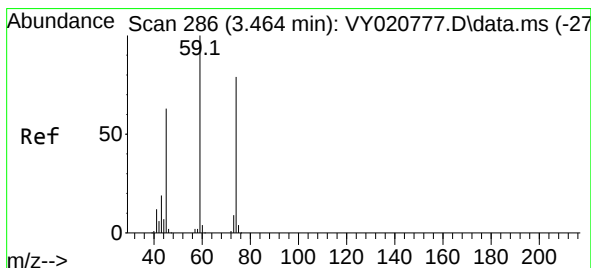
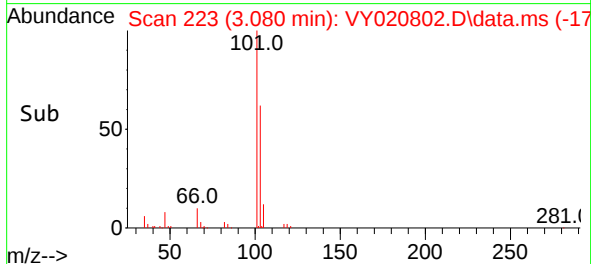
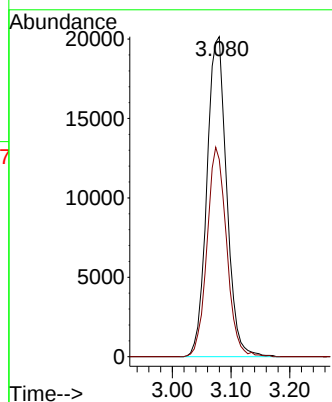
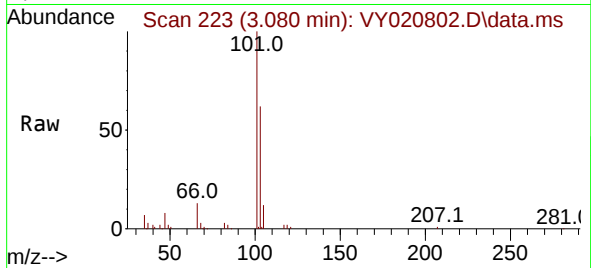




#7
 Trichlorofluoromethane
 Concen: 19.064 ug/l
 RT: 3.080 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY020802.D
 Acq: 08 Jan 2025 11:19

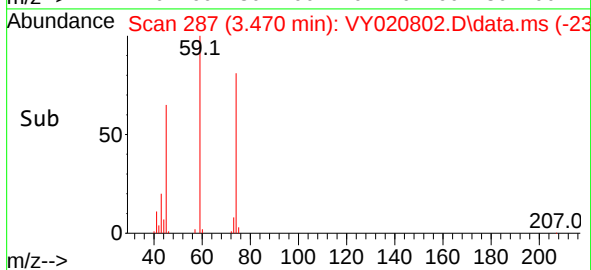
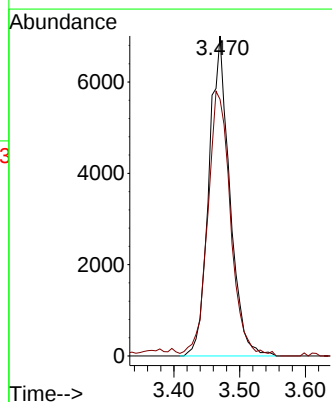
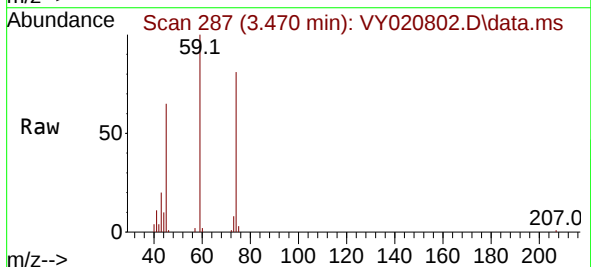
Instrument :
 MSVOA_Y
 ClientSampleId :

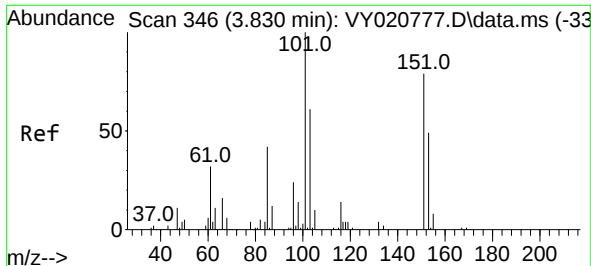
Tgt Ion:101 Resp: 47050
 Ion Ratio Lower Upper
 101 100
 103 61.6 54.6 82.0



#8
 Diethyl Ether
 Concen: 20.019 ug/l
 RT: 3.470 min Scan# 287
 Delta R.T. 0.006 min
 Lab File: VY020802.D
 Acq: 08 Jan 2025 11:19

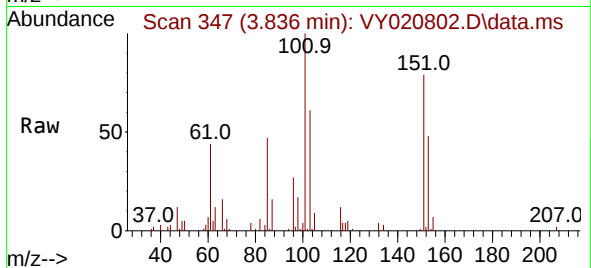
Tgt Ion: 74 Resp: 15451
 Ion Ratio Lower Upper
 74 100
 45 91.1 41.3 124.1



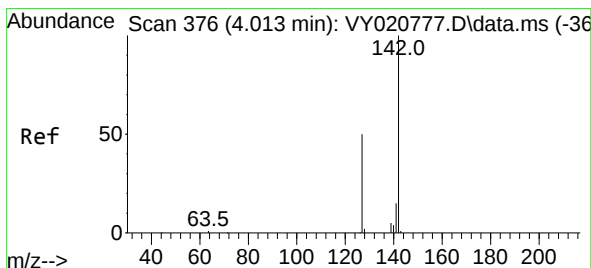
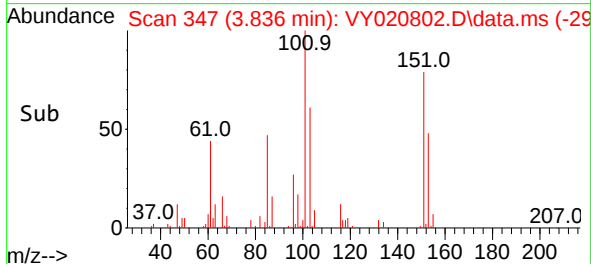
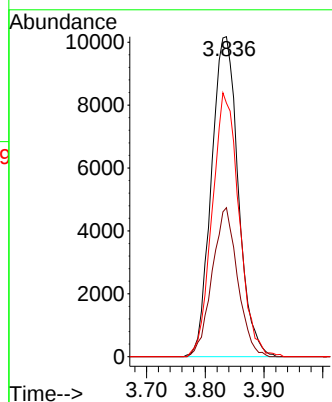


#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.386 ug/l
RT: 3.836 min Scan# 346
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Instrument :
MSVOA_Y
ClientSampleId :

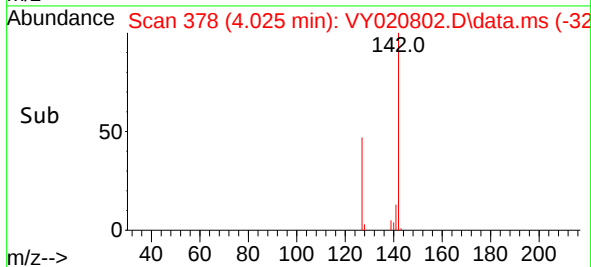
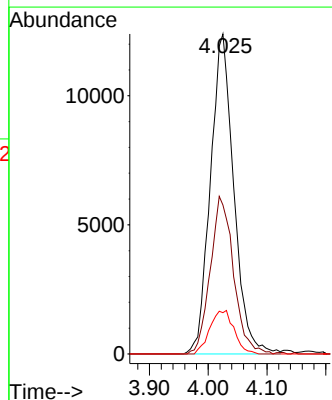
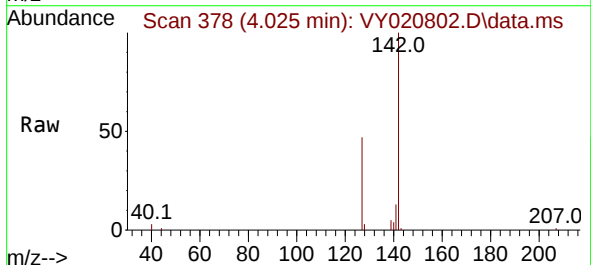


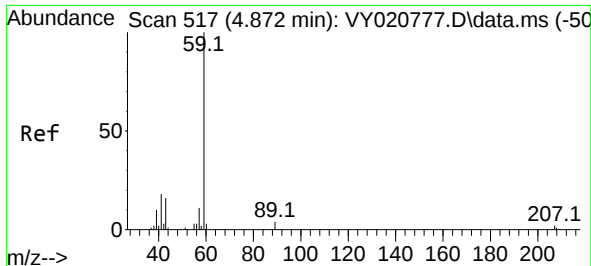
Tgt Ion:101 Resp: 32311
Ion Ratio Lower Upper
101 100
85 44.1 35.9 53.9
151 82.4 66.9 100.3



#10
Methyl Iodide
Concen: 19.157 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

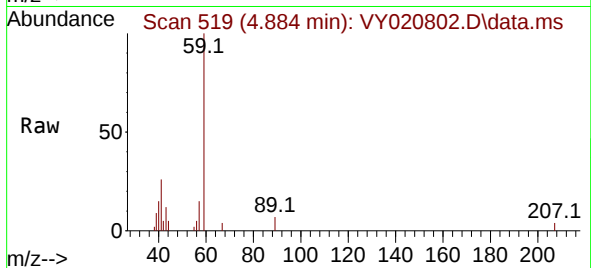
Tgt Ion:142 Resp: 34216
Ion Ratio Lower Upper
142 100
127 49.0 41.0 61.6
141 14.1 11.6 17.4



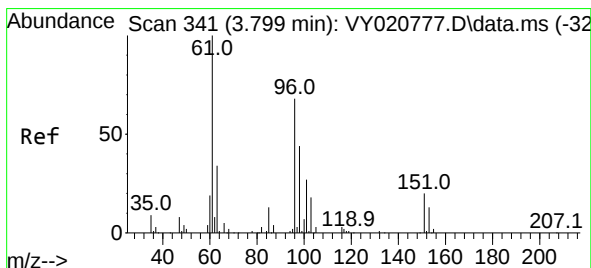
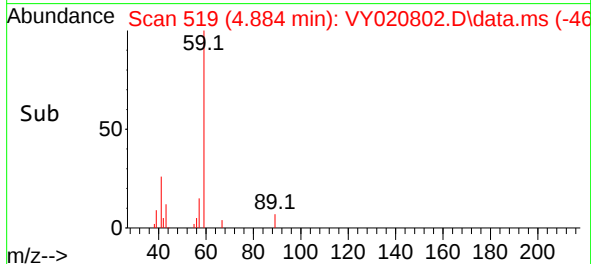
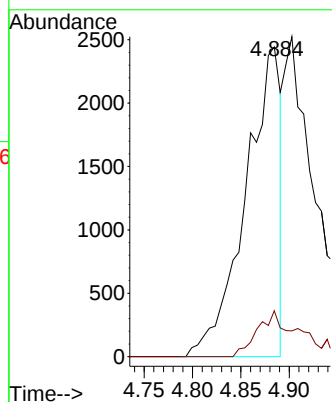


#11
Tert butyl alcohol
Concen: 51.035 ug/l
RT: 4.884 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Instrument :
MSVOA_Y
ClientSampleId :

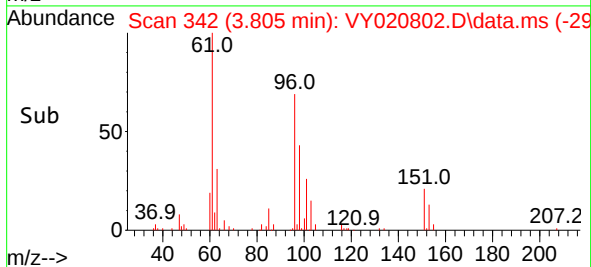
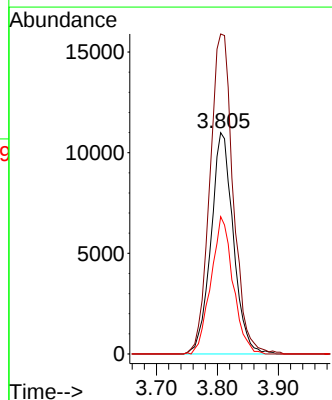
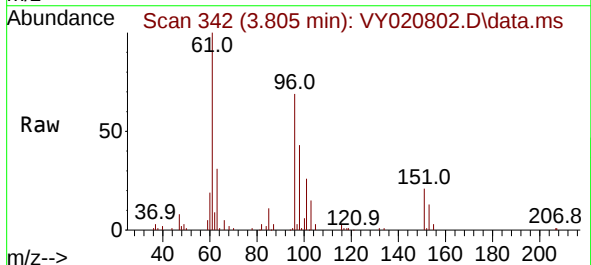


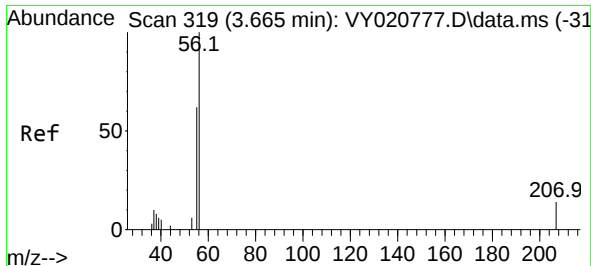
Tgt Ion: 59 Resp: 6136
Ion Ratio Lower Upper
59 100
57 17.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 19.232 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

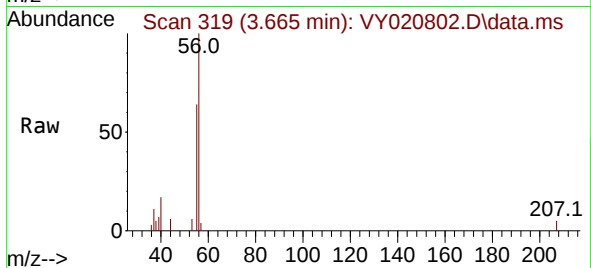
Tgt Ion: 96 Resp: 28076
Ion Ratio Lower Upper
96 100
61 144.6 117.8 176.8
98 62.1 51.9 77.9



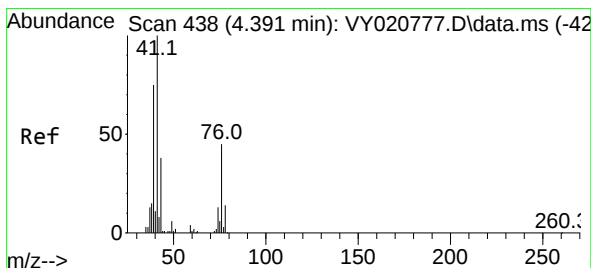
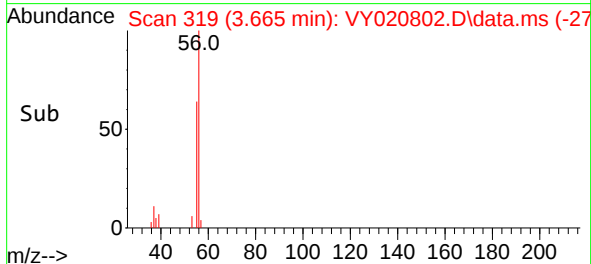
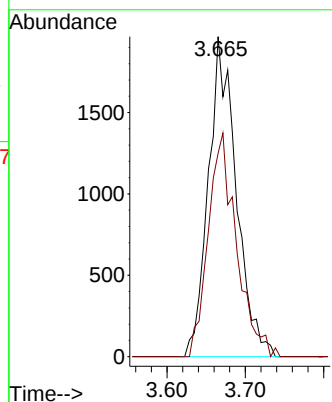


#13
Acrolein
Concen: 143.791 ug/l
RT: 3.665 min Scan# 319
Delta R.T. -0.000 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Instrument :
MSVOA_Y
ClientSampleId :

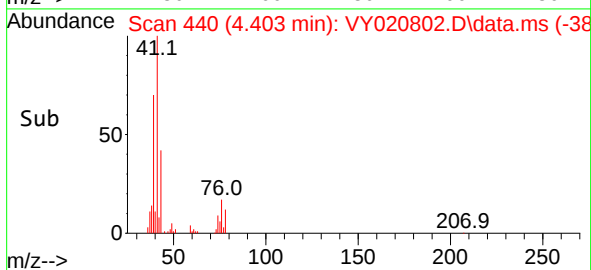
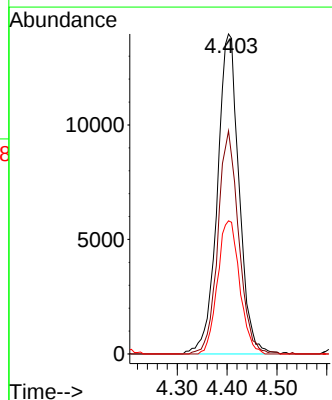
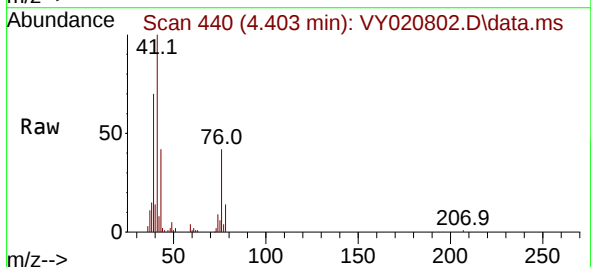


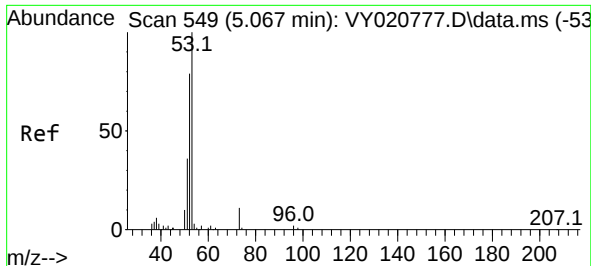
Tgt Ion: 56 Resp: 4855
Ion Ratio Lower Upper
56 100
55 70.8 58.1 87.1



#14
Allyl chloride
Concen: 20.039 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

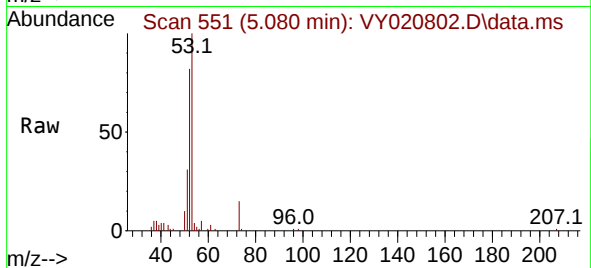
Tgt Ion: 41 Resp: 42205
Ion Ratio Lower Upper
41 100
39 67.0 57.5 86.3
76 42.4 35.6 53.4



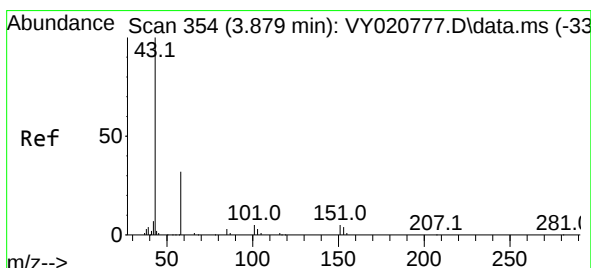
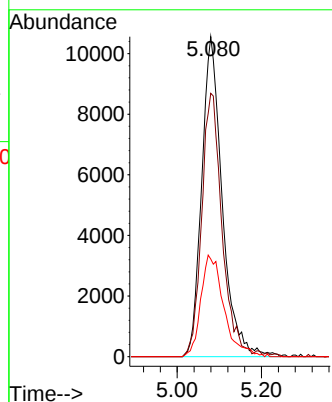
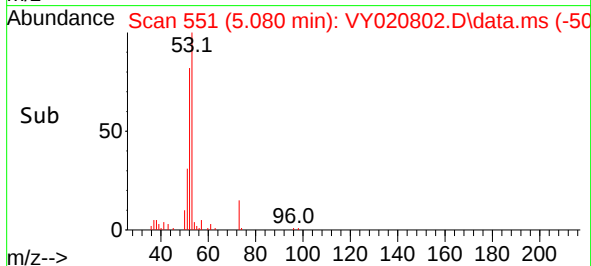


#15
Acrylonitrile
Concen: 109.137 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

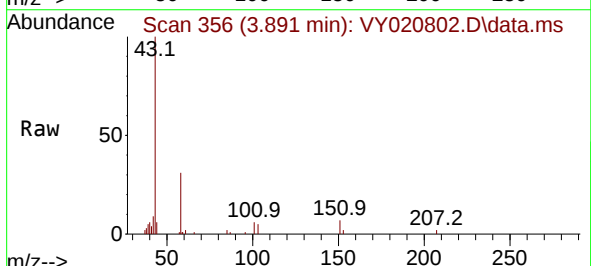
Instrument :
MSVOA_Y
ClientSampleId :



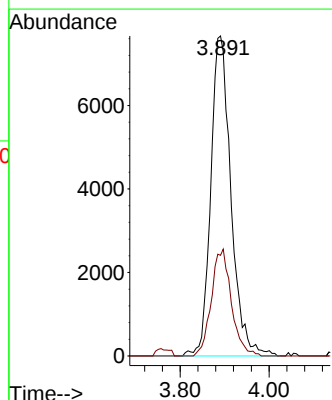
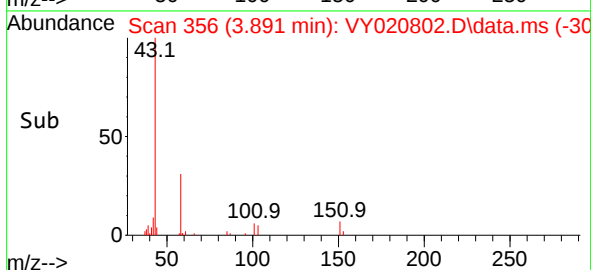
Tgt Ion: 53 Resp: 35799
Ion Ratio Lower Upper
53 100
52 81.2 64.3 96.5
51 35.5 29.3 43.9

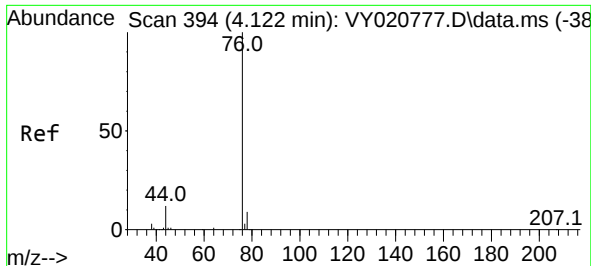


#16
Acetone
Concen: 106.809 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19



Tgt Ion: 43 Resp: 24167
Ion Ratio Lower Upper
43 100
58 31.4 26.7 40.1

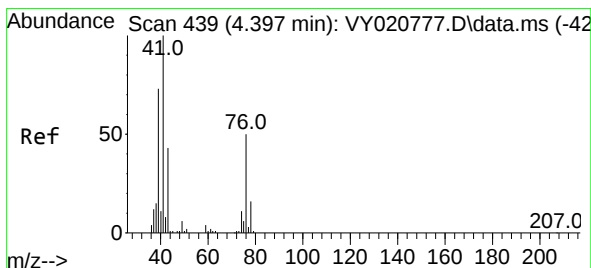
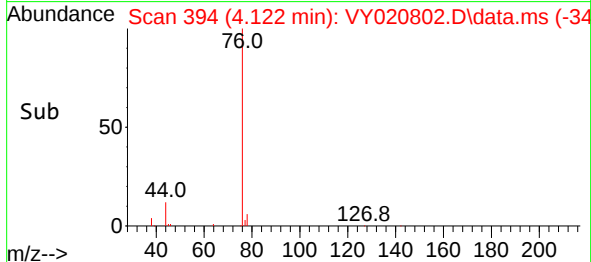
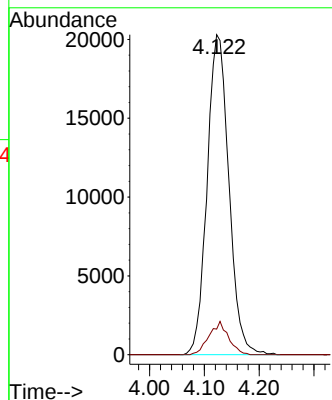
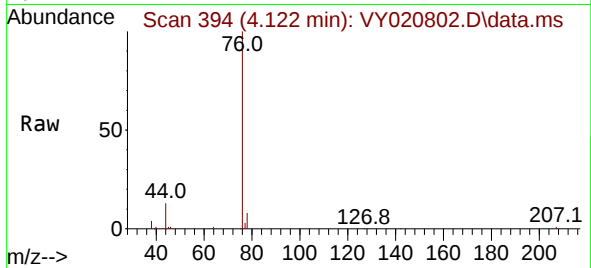




#17
Carbon Disulfide
Concen: 17.640 ug/l
RT: 4.122 min Scan# 394
Delta R.T. -0.000 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

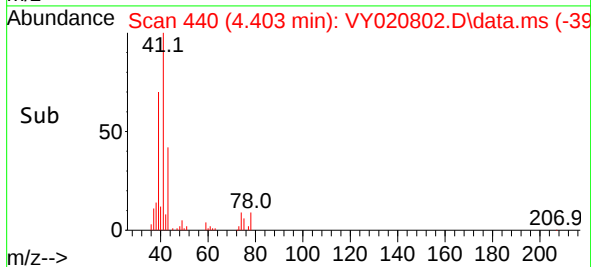
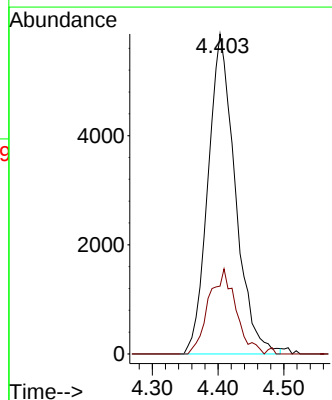
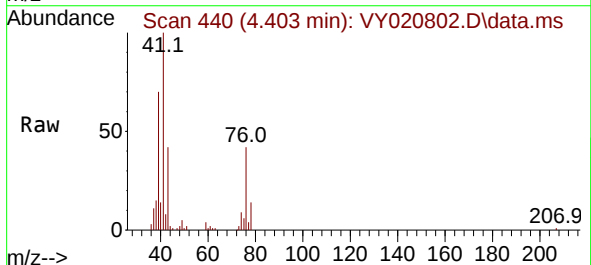
Instrument :
MSVOA_Y
ClientSampleId :

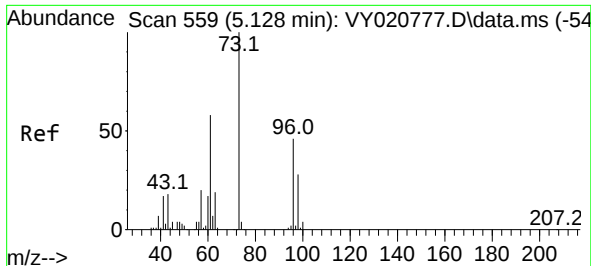
Tgt Ion: 76 Resp: 55863
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.2



#18
Methyl Acetate
Concen: 22.060 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Tgt Ion: 43 Resp: 16853
Ion Ratio Lower Upper
43 100
74 26.5 23.0 34.6

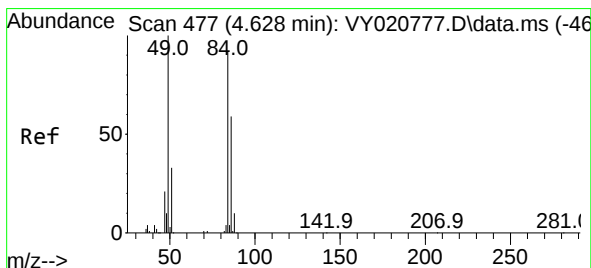
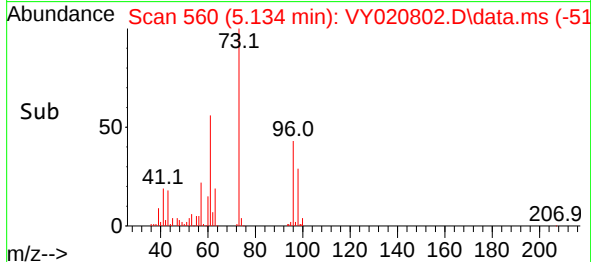
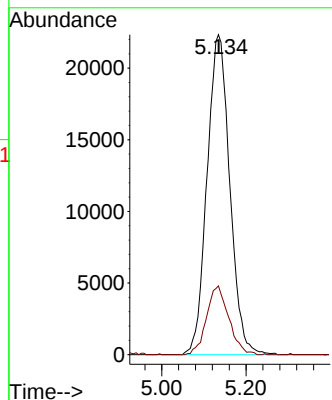
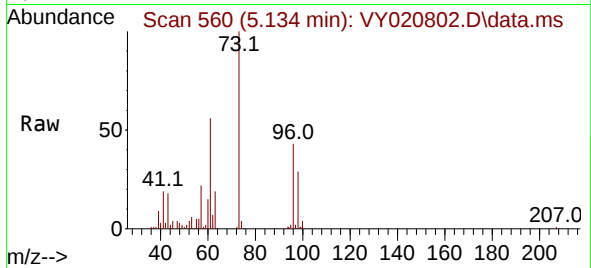




#19
Methyl tert-butyl Ether
Concen: 20.320 ug/l
RT: 5.134 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

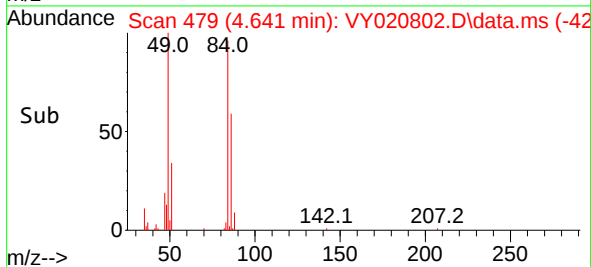
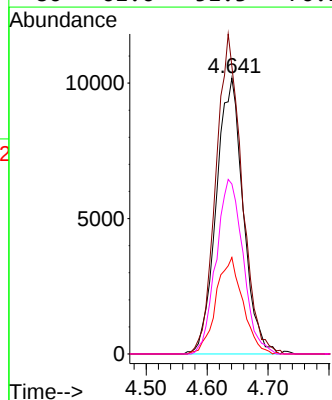
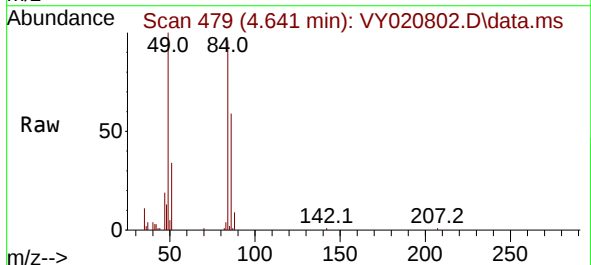
Instrument :
MSVOA_Y
ClientSampleId :

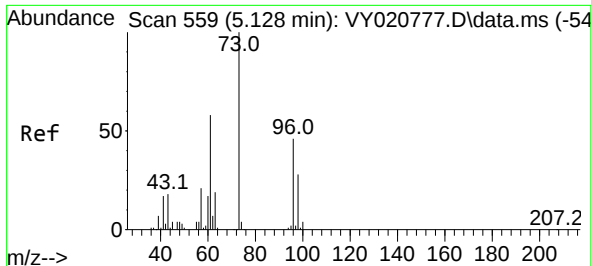
Tgt Ion: 73 Resp: 83715
Ion Ratio Lower Upper
73 100
57 21.5 16.4 24.6



#20
Methylene Chloride
Concen: 19.977 ug/l
RT: 4.641 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

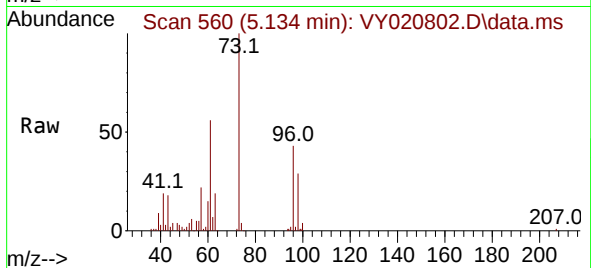
Tgt Ion: 84 Resp: 31216
Ion Ratio Lower Upper
84 100
49 104.3 86.7 130.1
51 35.0 28.4 42.6
86 61.6 51.3 76.9



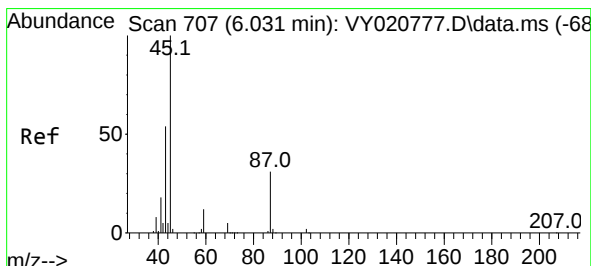
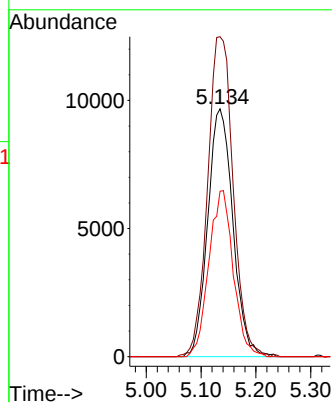
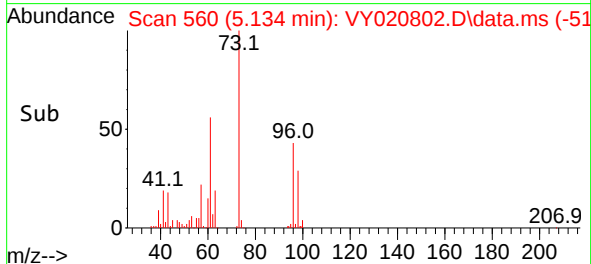


#21
trans-1,2-Dichloroethene
Concen: 19.205 ug/l
RT: 5.134 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Instrument :
MSVOA_Y
ClientSampleId :

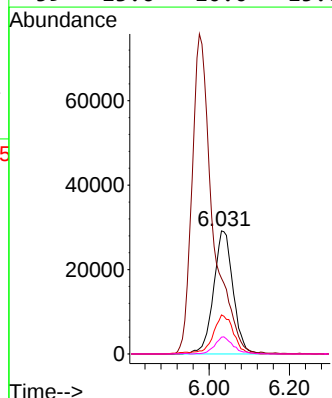
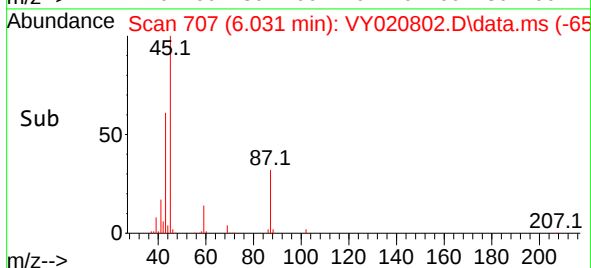
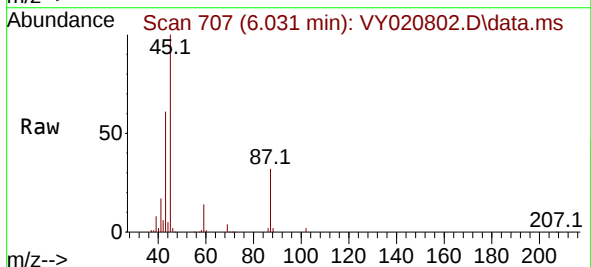


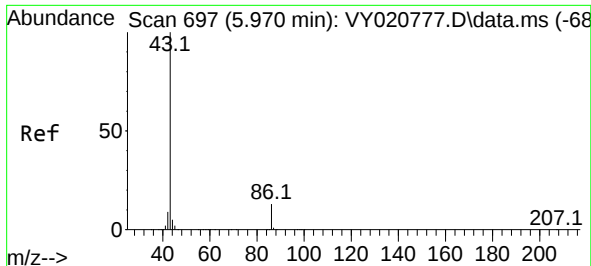
Tgt Ion: 96 Resp: 30874
Ion Ratio Lower Upper
96 100
61 129.1 101.6 152.4
98 66.8 49.4 74.2



#22
Diisopropyl ether
Concen: 21.936 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Tgt Ion: 45 Resp: 98416
Ion Ratio Lower Upper
45 100
43 61.1 43.9 65.9
87 31.7 25.3 37.9
59 13.6 10.0 15.0

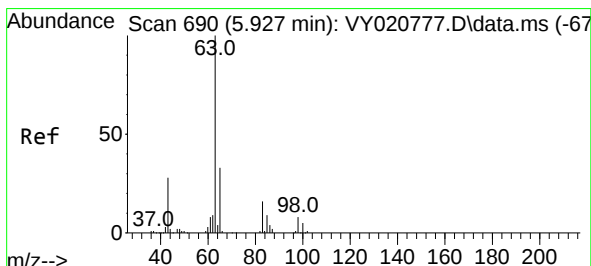
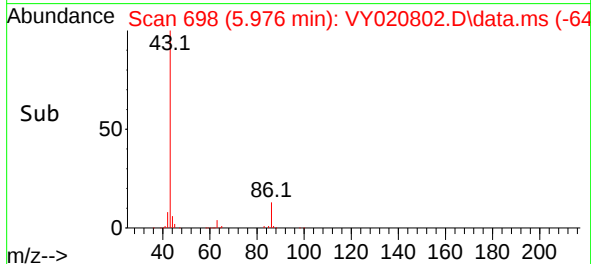
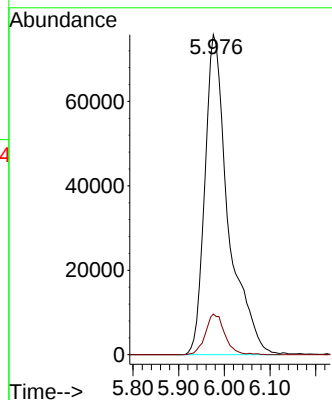
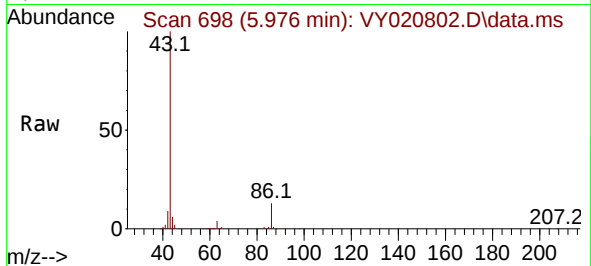




#23
 Vinyl Acetate
 Concen: 109.331 ug/l
 RT: 5.976 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY020802.D
 Acq: 08 Jan 2025 11:19

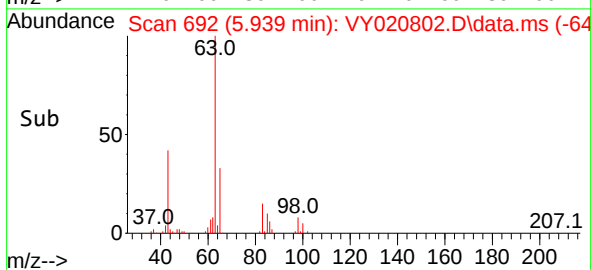
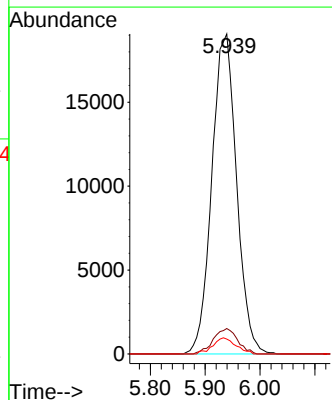
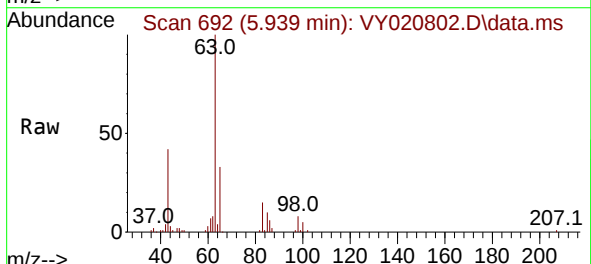
Instrument :
 MSVOA_Y
 ClientSampleId :

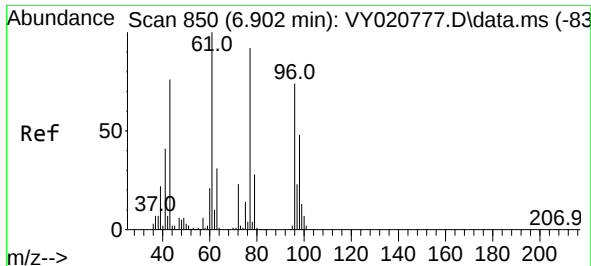
Tgt Ion: 43 Resp: 270455
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 20.225 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. 0.012 min
 Lab File: VY020802.D
 Acq: 08 Jan 2025 11:19

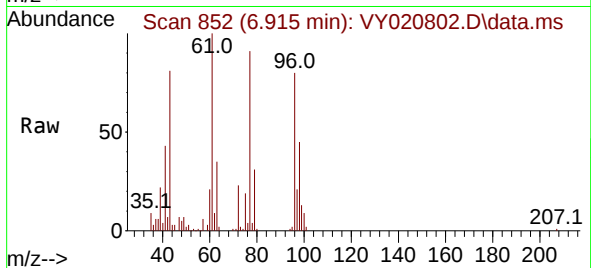
Tgt Ion: 63 Resp: 59868
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 4.6 2.4 7.2



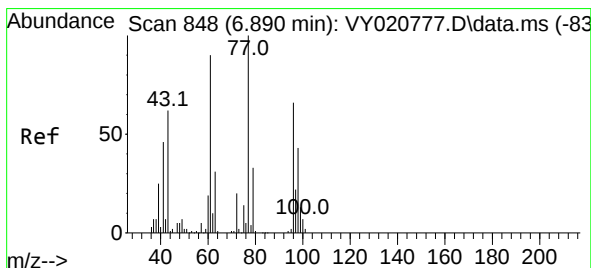
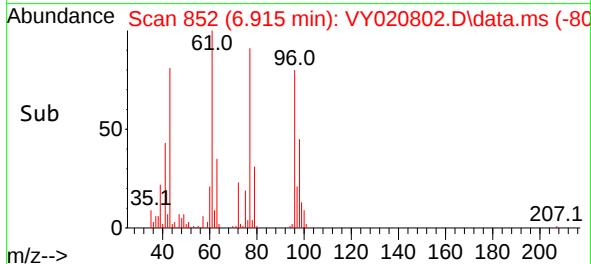
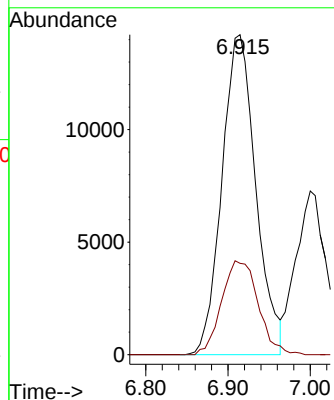


#25
2-Butanone
Concen: 109.714 ug/l
RT: 6.915 min Scan# 81
Delta R.T. 0.012 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Instrument :
MSVOA_Y
ClientSampleId :

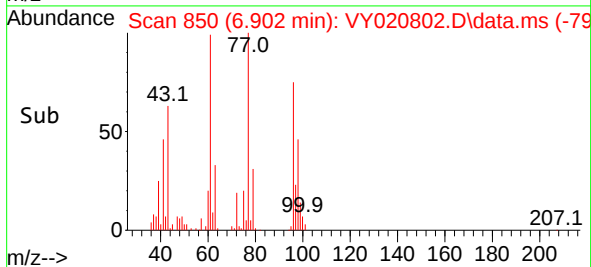
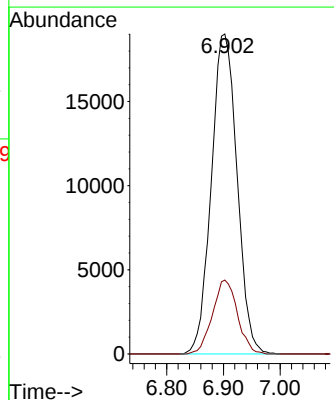
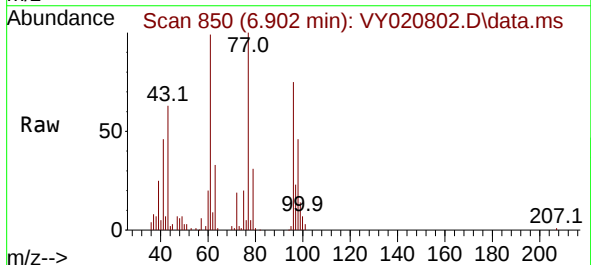


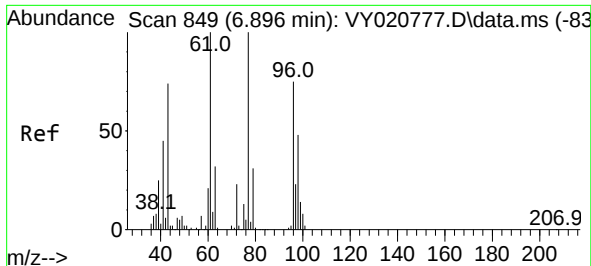
Tgt Ion: 43 Resp: 40778
Ion Ratio Lower Upper
43 100
72 28.5 24.0 36.0



#26
2,2-Dichloropropane
Concen: 19.502 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

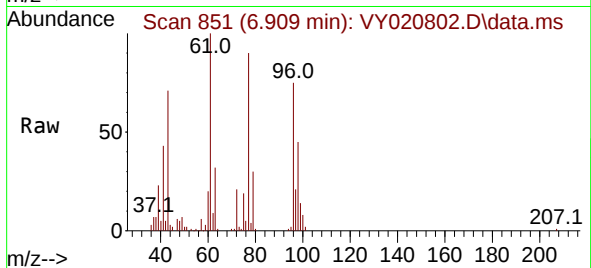
Tgt Ion: 77 Resp: 59934
Ion Ratio Lower Upper
77 100
97 22.4 11.3 33.8





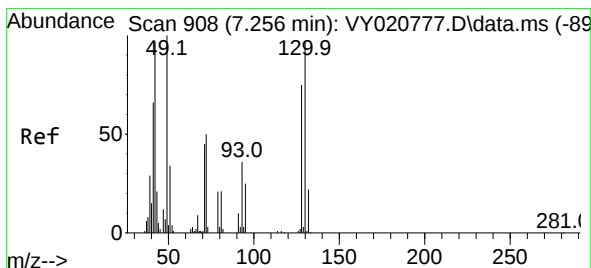
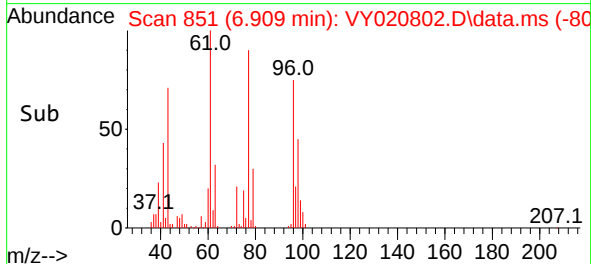
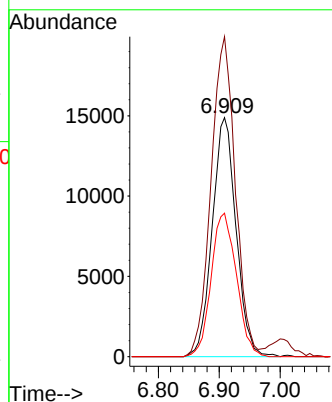
#27
 cis-1,2-Dichloroethene
 Concen: 19.970 ug/l
 RT: 6.909 min Scan# 849
 Delta R.T. 0.012 min
 Lab File: VY020802.D
 Acq: 08 Jan 2025 11:19

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 40505

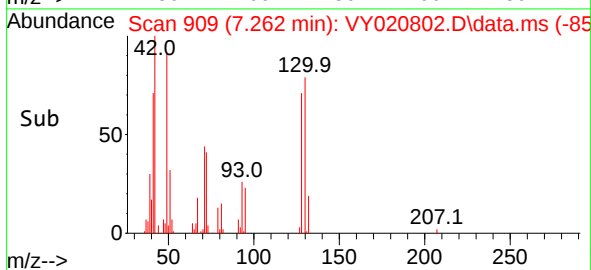
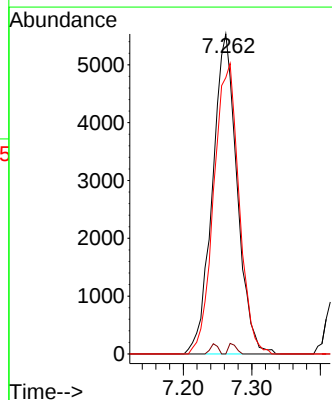
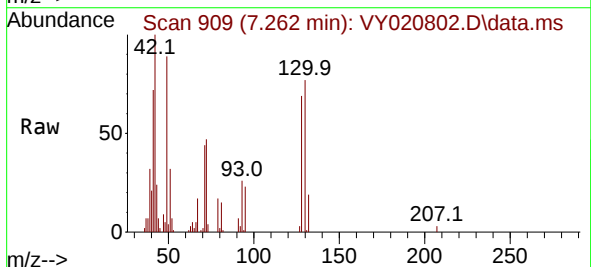
Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	271.4
98	63.7	0.0	129.0

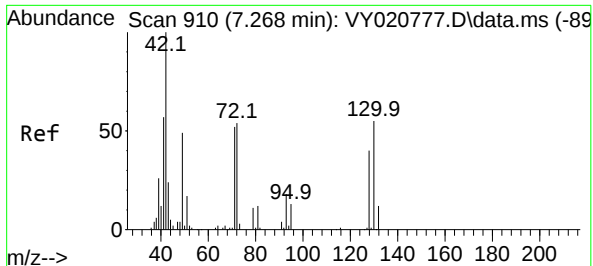


#28
 Bromochloromethane
 Concen: 17.254 ug/l
 RT: 7.262 min Scan# 909
 Delta R.T. 0.006 min
 Lab File: VY020802.D
 Acq: 08 Jan 2025 11:19

Tgt Ion: 49 Resp: 13781

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	5.2
130	93.1	77.8	116.6





#29

Tetrahydrofuran

Concen: 113.880 ug/l

RT: 7.280 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY020802.D

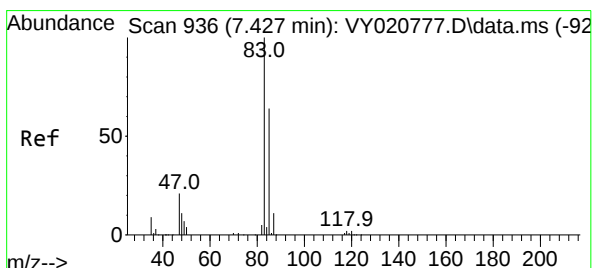
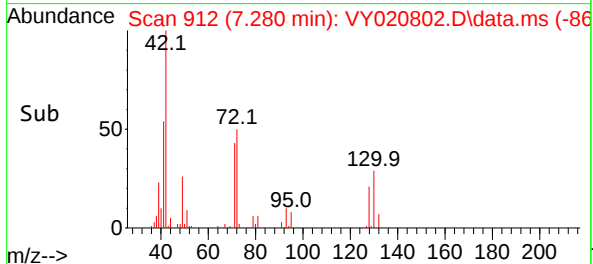
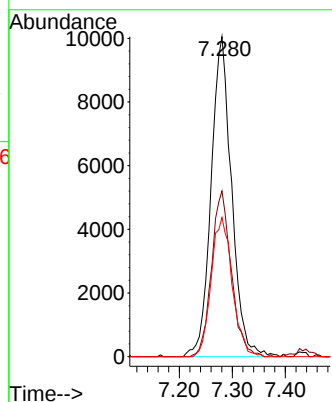
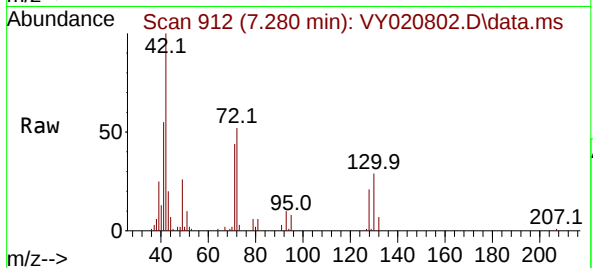
Acq: 08 Jan 2025 11:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	27038
Ion	Ratio	Lower	Upper
42	100		
72	49.8	41.8	62.6
71	44.5	39.8	59.8



#30

Chloroform

Concen: 20.057 ug/l

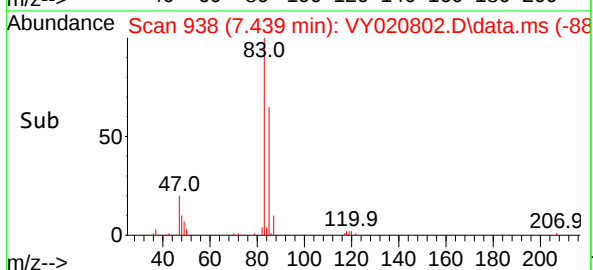
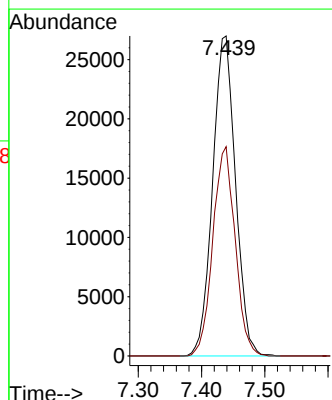
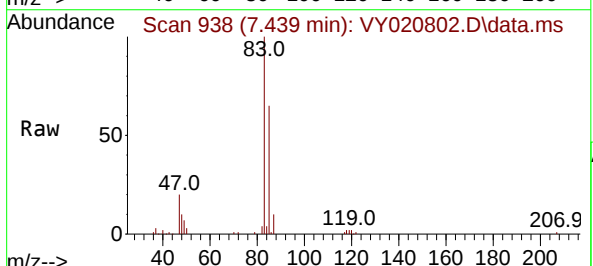
RT: 7.439 min Scan# 938

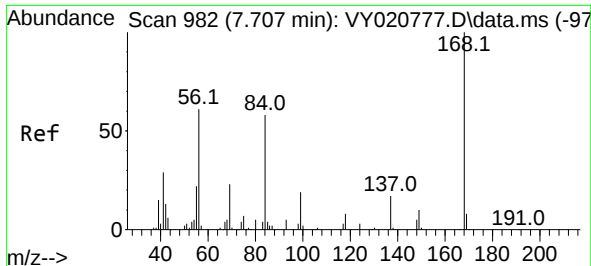
Delta R.T. 0.012 min

Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

Tgt Ion:	83	Resp:	67706
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.1	76.7

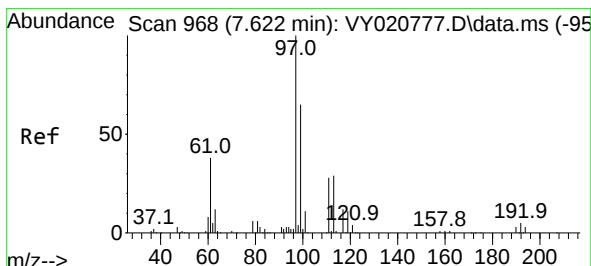
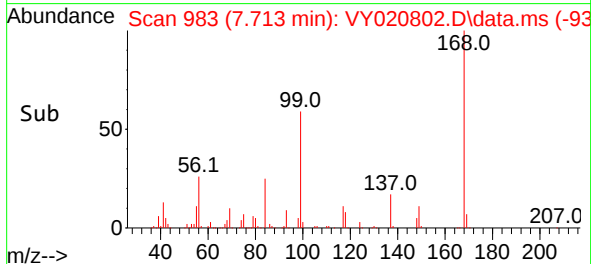
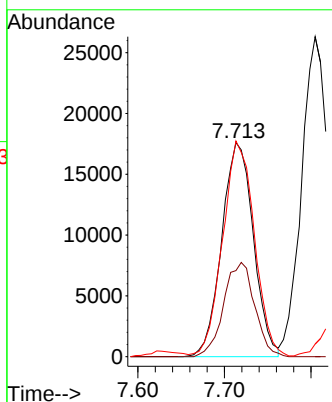
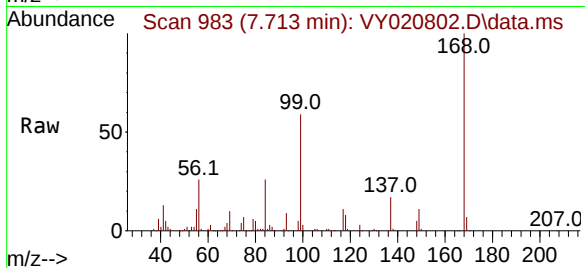




#31
Cyclohexane
Concen: 19.329 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

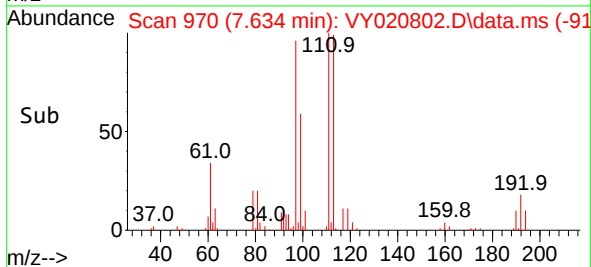
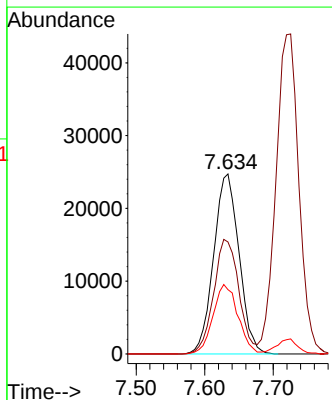
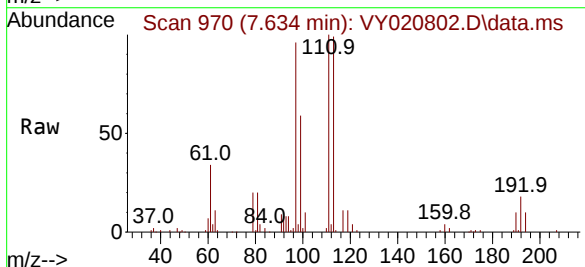
Instrument :
MSVOA_Y
ClientSampleId :

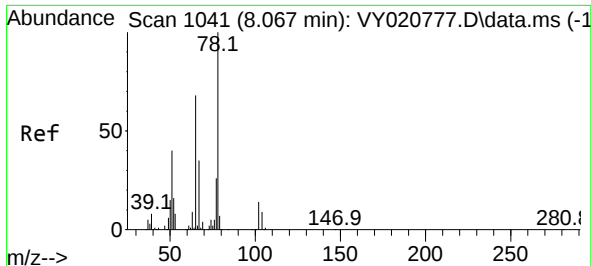
Tgt Ion: 56 Resp: 44752
Ion Ratio Lower Upper
56 100
69 40.2 30.5 45.7
84 99.0 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 19.278 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Tgt Ion: 97 Resp: 63475
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.2
61 38.1 30.5 45.7

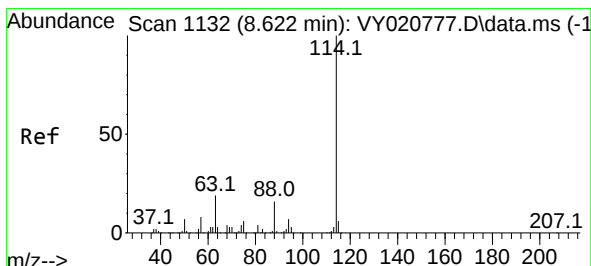
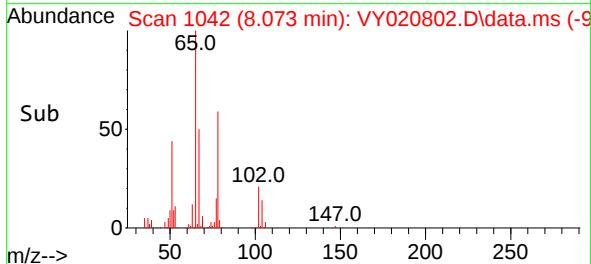
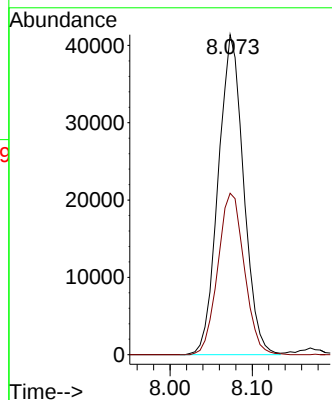
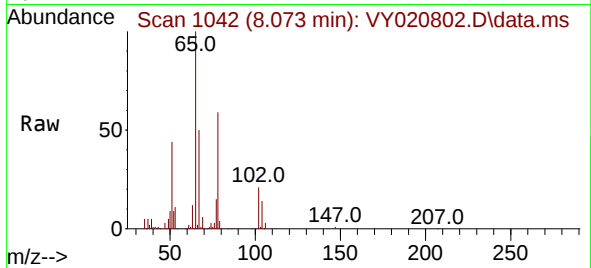




#33
 1,2-Dichloroethane-d4
 Concen: 55.807 ug/l
 RT: 8.073 min Scan# 1041
 Delta R.T. 0.006 min
 Lab File: VY020802.D
 Acq: 08 Jan 2025 11:19

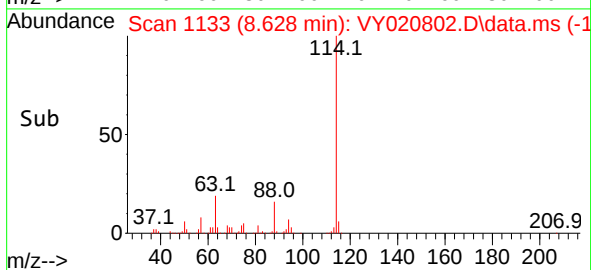
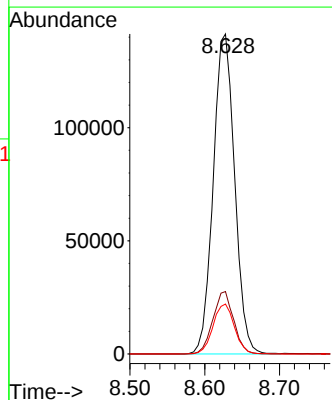
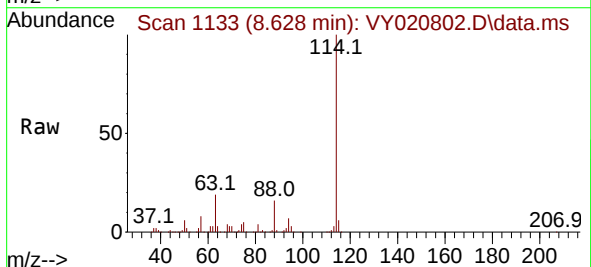
Instrument :
 MSVOA_Y
 ClientSampleId :

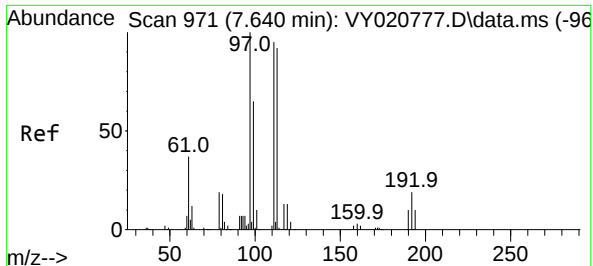
Tgt Ion: 65 Resp: 88797
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 1133
 Delta R.T. 0.006 min
 Lab File: VY020802.D
 Acq: 08 Jan 2025 11:19

Tgt Ion: 114 Resp: 282284
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.814 ug/l

RT: 7.646 min Scan# 916

Delta R.T. 0.006 min

Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

Instrument :

MSVOA_Y

ClientSampleId :

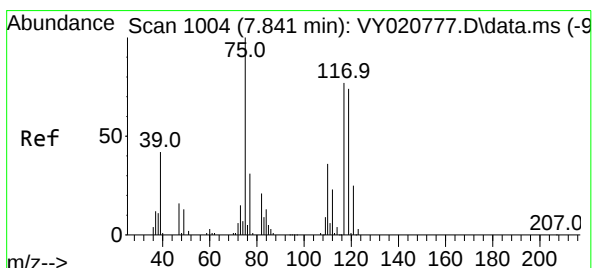
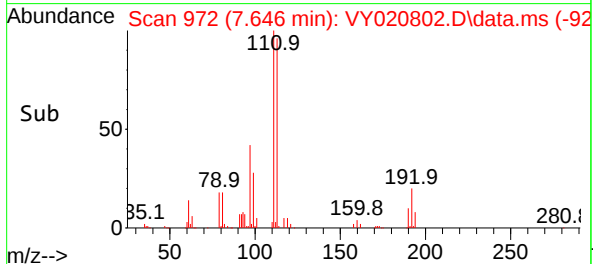
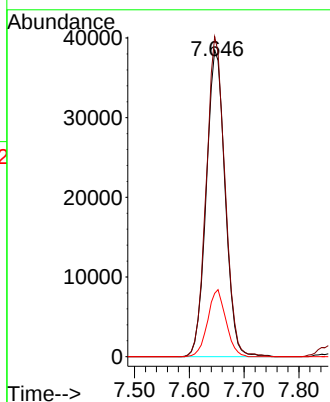
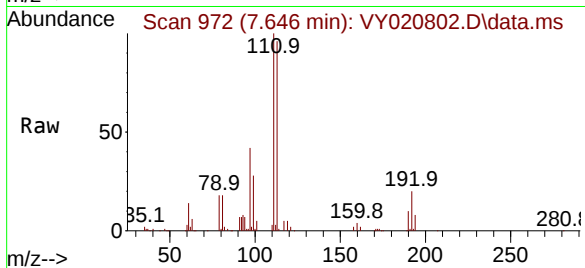
Tgt Ion:113 Resp: 91633

Ion Ratio Lower Upper

113 100

111 103.7 81.7 122.5

192 21.2 16.7 25.1



#36

1,1-Dichloropropene

Concen: 18.705 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

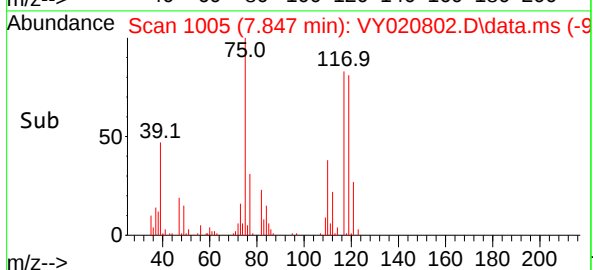
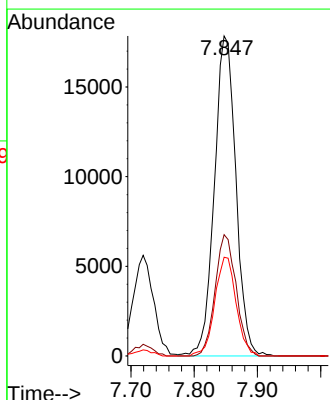
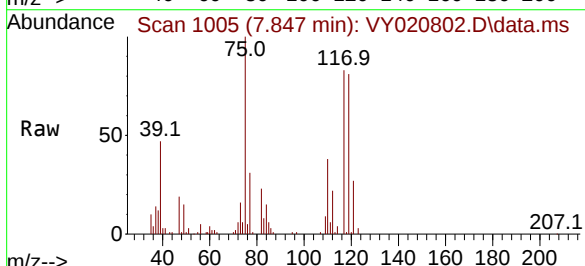
Tgt Ion: 75 Resp: 42193

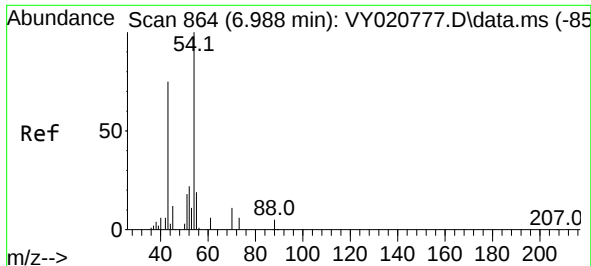
Ion Ratio Lower Upper

75 100

110 36.9 18.5 55.5

77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 21.206 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.012 min

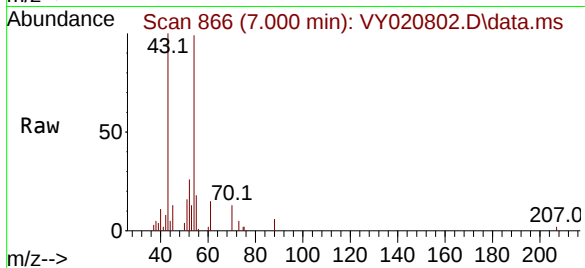
Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

Instrument :

MSVOA_Y

ClientSampleId :



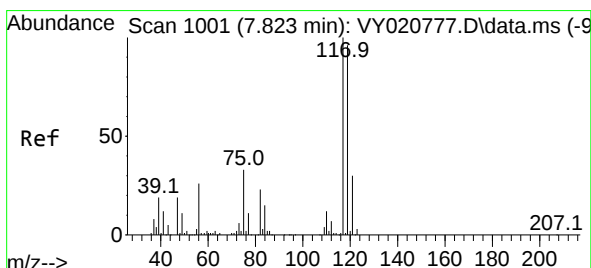
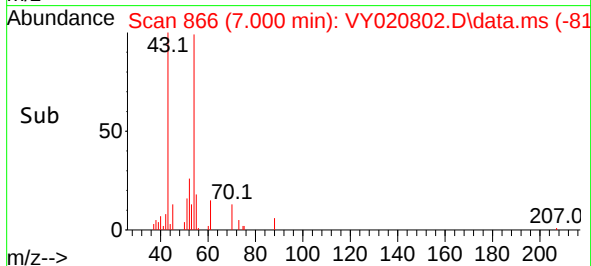
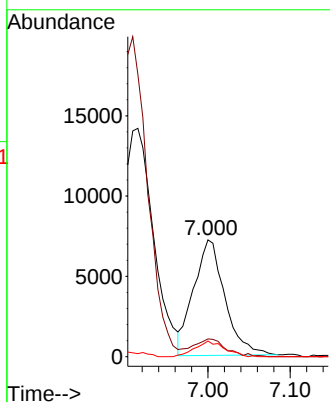
Tgt Ion: 43 Resp: 19036

Ion Ratio Lower Upper

43 100

61 15.6 11.8 17.6

70 12.7 9.8 14.8



#38

Carbon Tetrachloride

Concen: 18.890 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

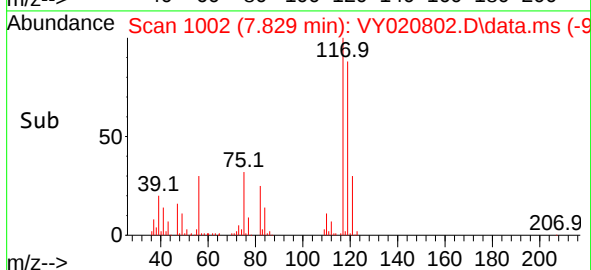
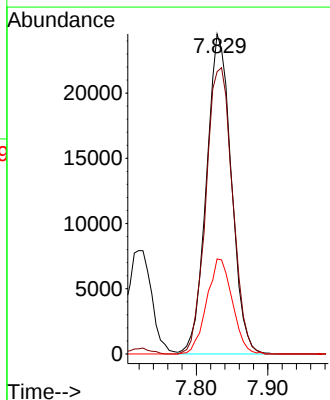
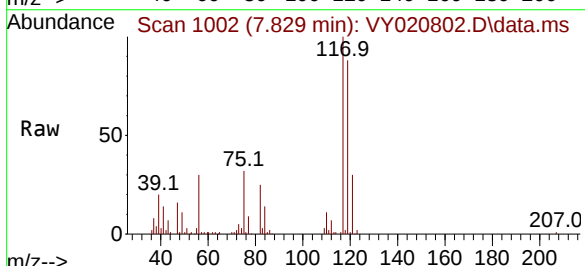
Tgt Ion: 117 Resp: 59315

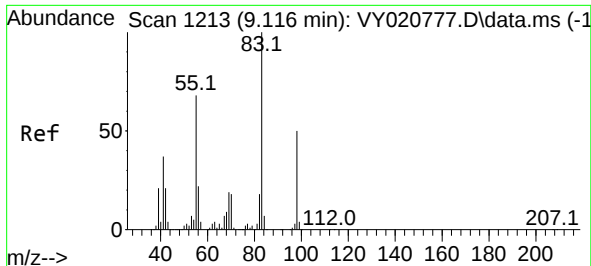
Ion Ratio Lower Upper

117 100

119 88.2 76.5 114.7

121 29.7 24.3 36.5





#39

Methylcyclohexane

Concen: 18.612 ug/l

RT: 9.122 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

Instrument :

MSVOA_Y

ClientSampleId :

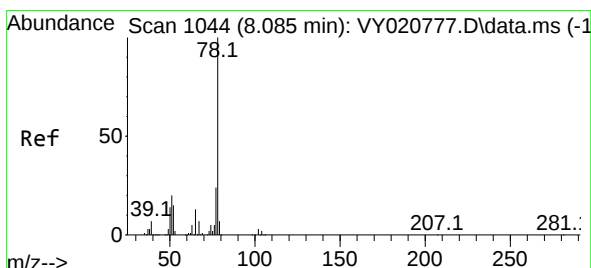
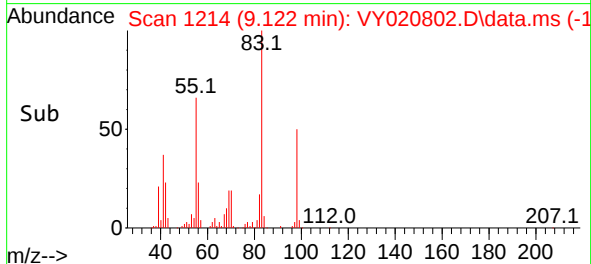
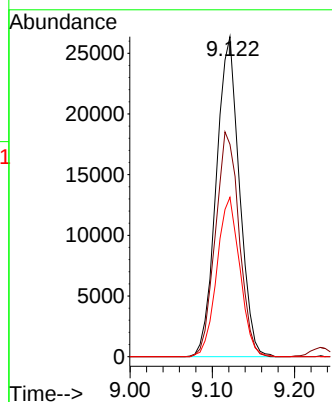
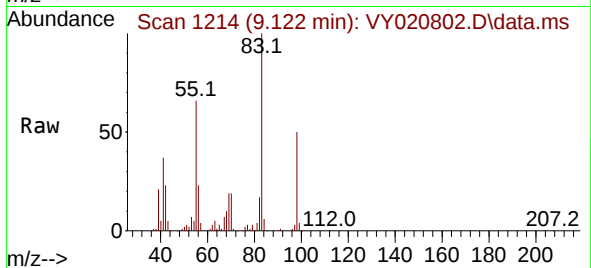
Tgt Ion: 83 Resp: 51518

Ion Ratio Lower Upper

83 100

55 66.4 54.8 82.2

98 49.8 40.0 60.0



#40

Benzene

Concen: 19.815 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY020802.D

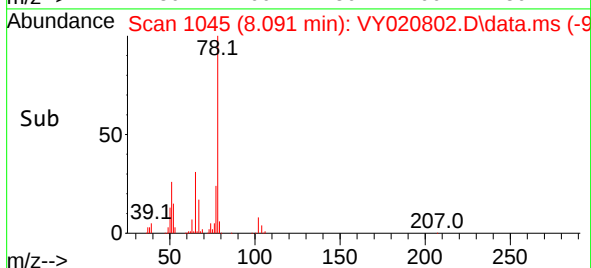
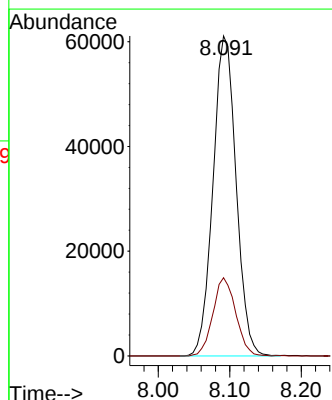
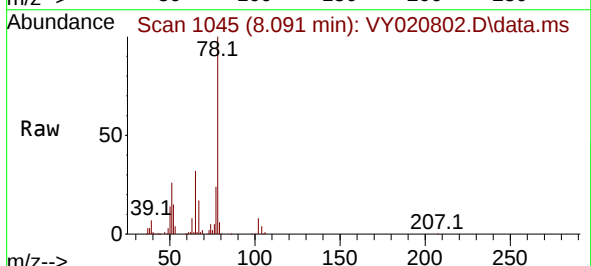
Acq: 08 Jan 2025 11:19

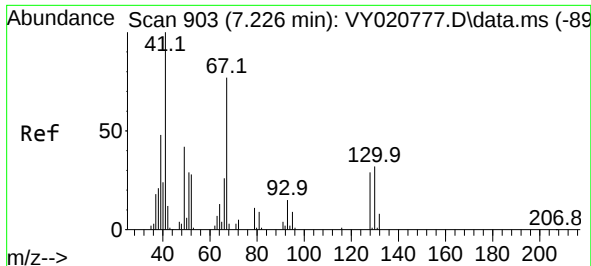
Tgt Ion: 78 Resp: 137180

Ion Ratio Lower Upper

78 100

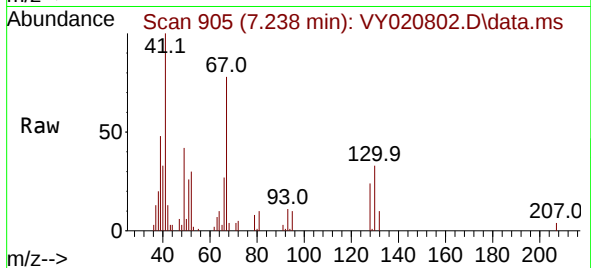
77 24.5 19.4 29.2



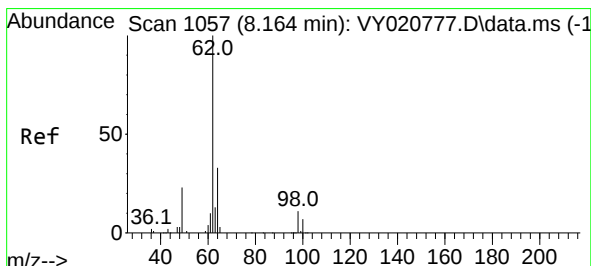
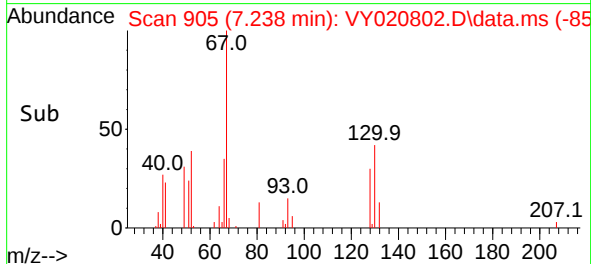
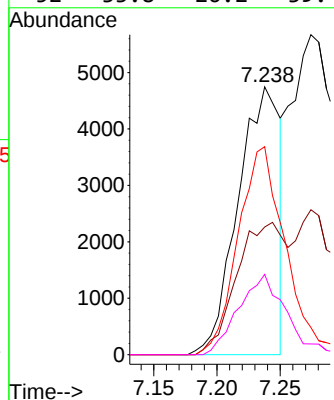


#41
Methacrylonitrile
Concen: 21.322 ug/l
RT: 7.238 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Instrument :
MSVOA_Y
ClientSampleId :

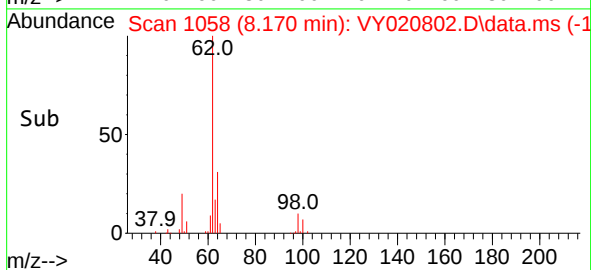
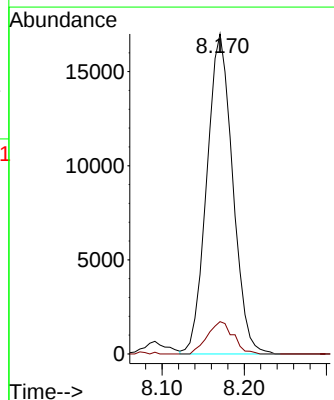
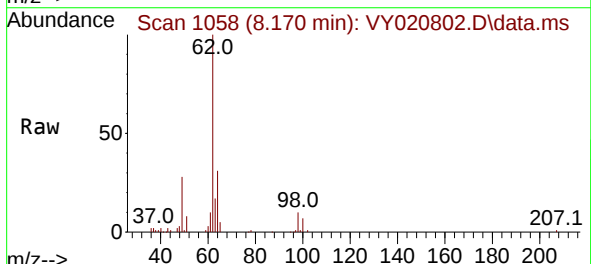


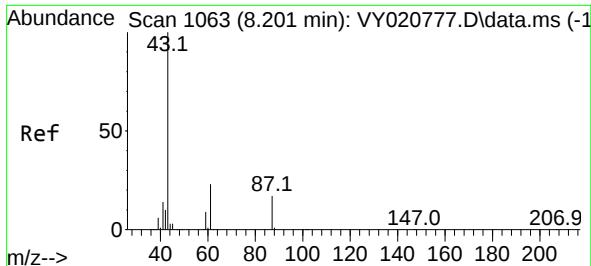
Tgt Ion:	41	Resp:	10961
Ion Ratio	100	Lower	Upper
39	58.0	42.4	63.6
67	87.7	67.8	101.8
52	33.8	26.2	39.4



#42
1,2-Dichloroethane
Concen: 19.684 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

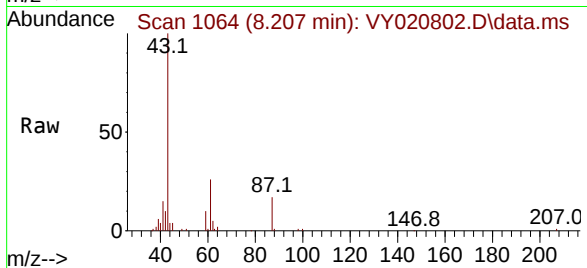
Tgt Ion:	62	Resp:	37215
Ion Ratio	100	Lower	Upper
98	10.1	0.0	19.6



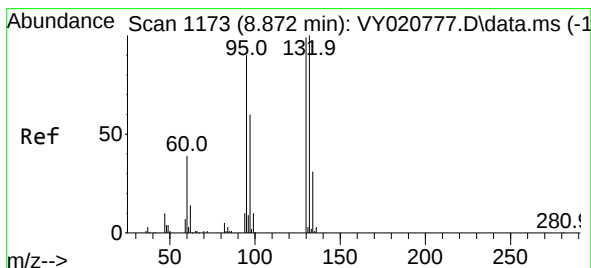
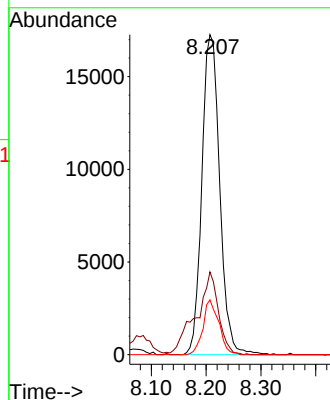
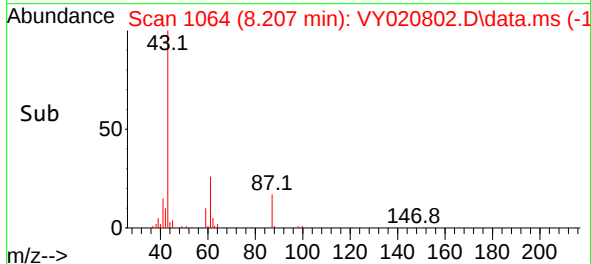


#43
Isopropyl Acetate
Concen: 21.369 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Instrument :
MSVOA_Y
ClientSampleId :

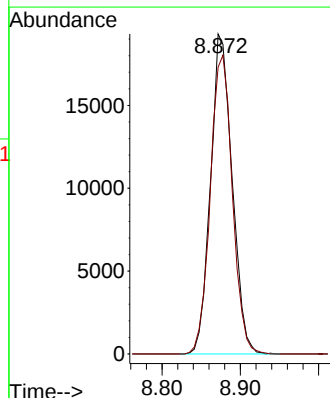
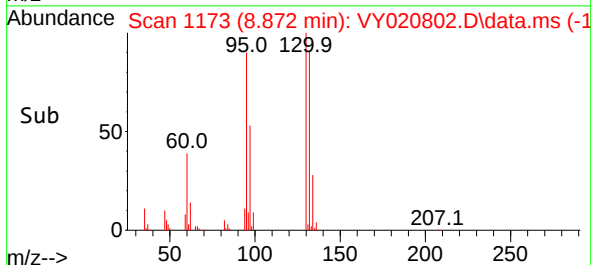
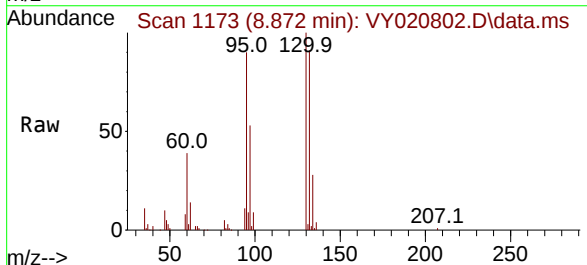


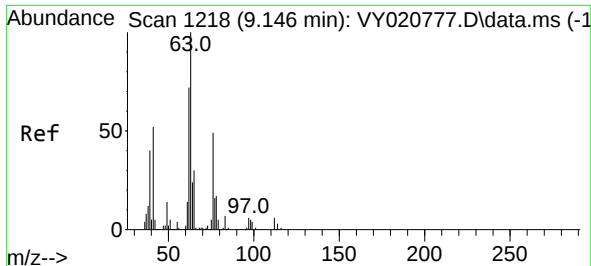
Tgt Ion: 43 Resp: 39016
Ion Ratio Lower Upper
43 100
61 32.4 26.5 39.7
87 15.2 13.4 20.0



#44
Trichloroethene
Concen: 19.164 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Tgt Ion:130 Resp: 36984
Ion Ratio Lower Upper
130 100
95 89.6 0.0 181.0





#45

1,2-Dichloropropane

Concen: 20.674 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

Instrument :

MSVOA_Y

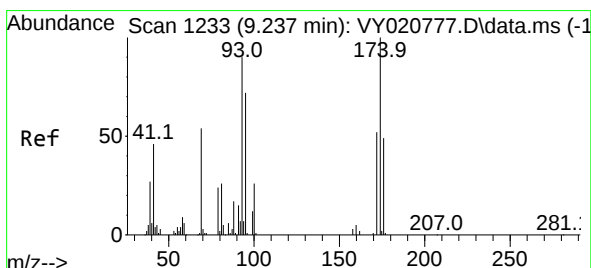
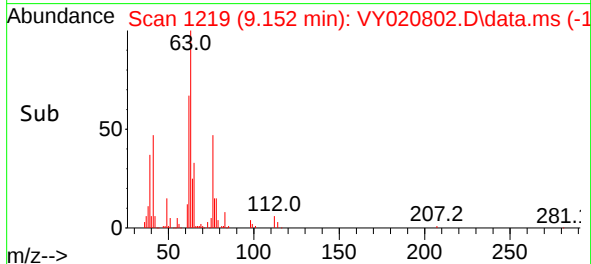
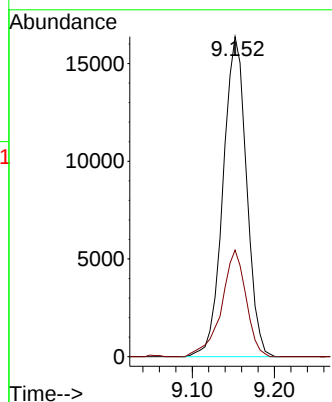
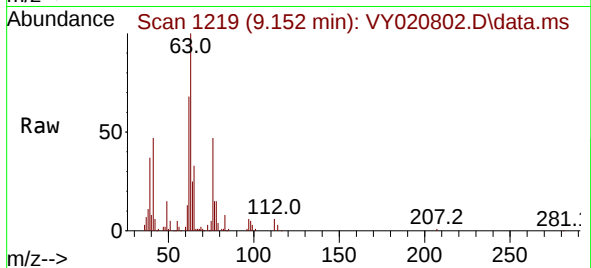
ClientSampleId :

Tgt Ion: 63 Resp: 32447

Ion Ratio Lower Upper

63 100

65 33.3 24.2 36.4



#46

Dibromomethane

Concen: 20.518 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

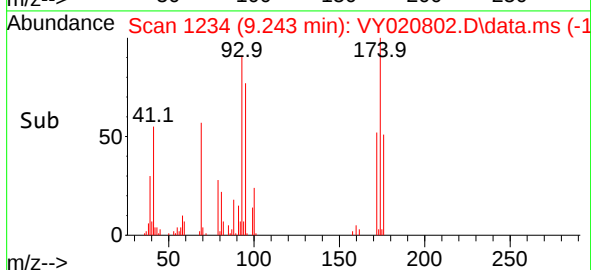
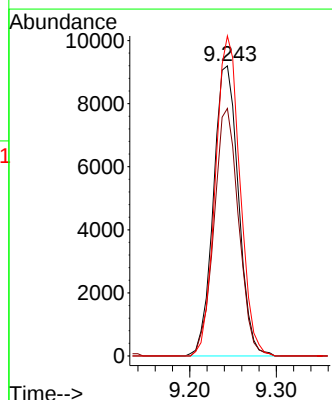
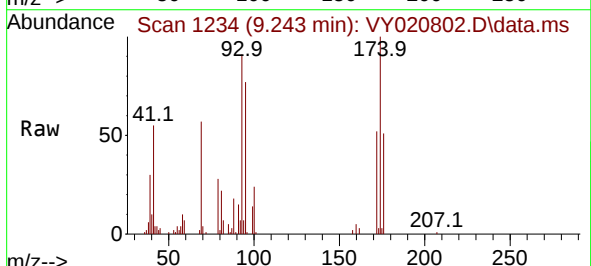
Tgt Ion: 93 Resp: 18492

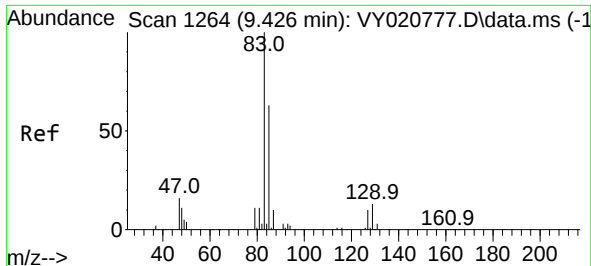
Ion Ratio Lower Upper

93 100

95 83.5 68.2 102.4

174 107.8 89.0 133.6

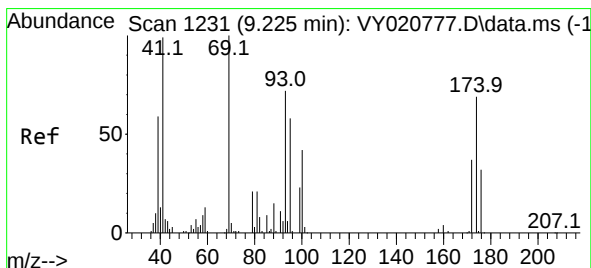
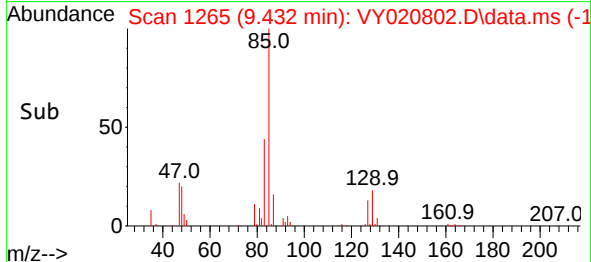
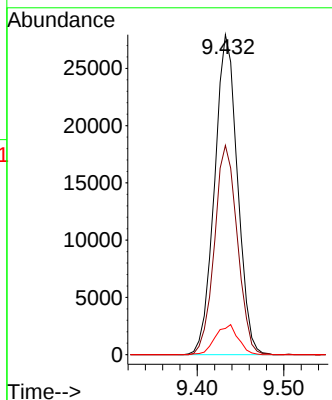
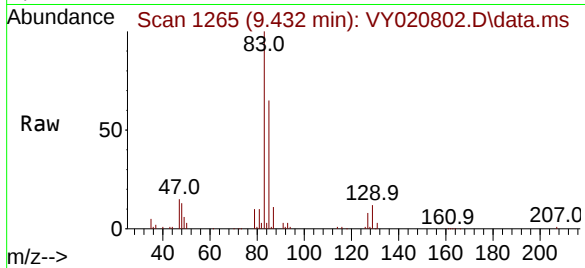




#47
Bromodichloromethane
Concen: 19.906 ug/l
RT: 9.432 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

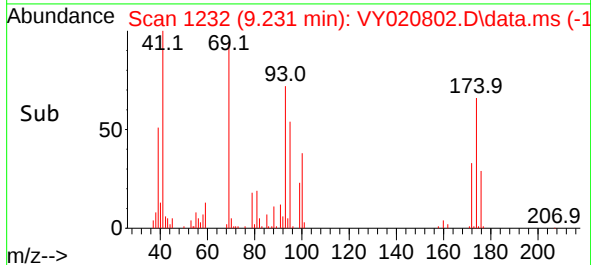
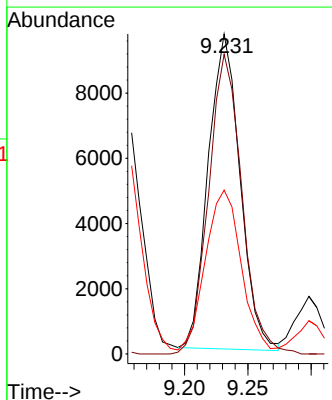
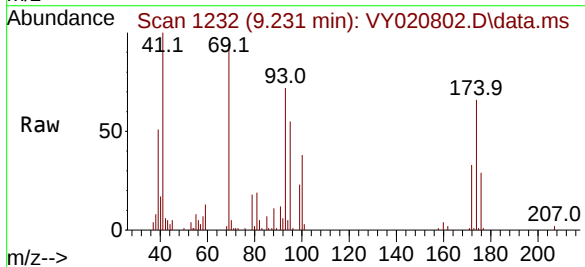
Instrument :
MSVOA_Y
ClientSampleId :

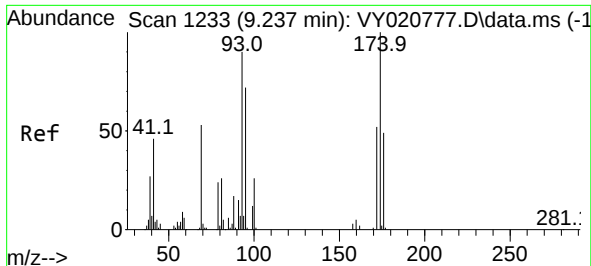
Tgt Ion: 83 Resp: 51380
Ion Ratio Lower Upper
83 100
85 65.4 50.7 76.1
127 8.2 7.9 11.9



#48
Methyl methacrylate
Concen: 20.670 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Tgt Ion: 41 Resp: 16919
Ion Ratio Lower Upper
41 100
69 99.1 78.9 118.3
39 56.6 44.6 67.0





#49

1,4-Dioxane

Concen: 406.946 ug/l

RT: 9.243 min Scan# 11

Delta R.T. 0.006 min

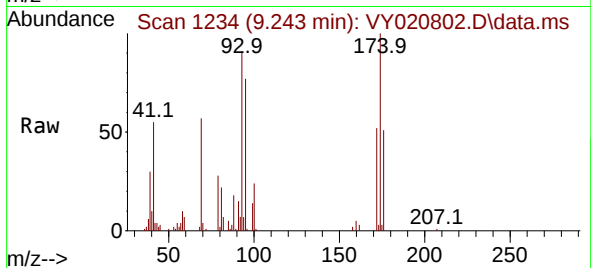
Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

Instrument :

MSVOA_Y

ClientSampleId :



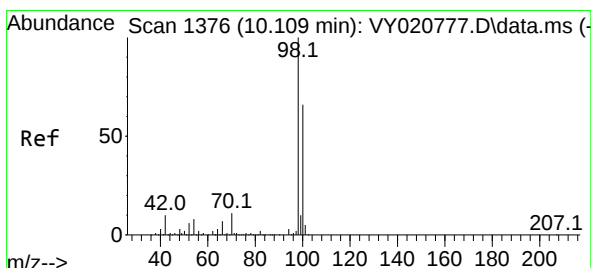
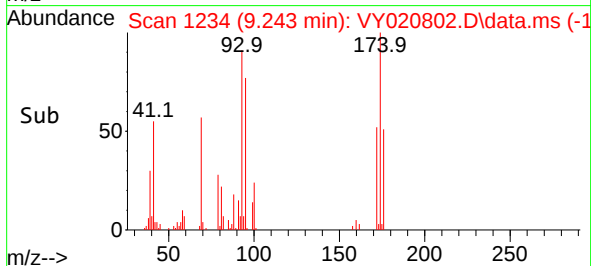
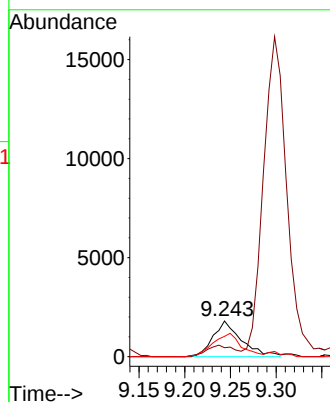
Tgt Ion: 88 Resp: 3894

Ion Ratio Lower Upper

88 100

43 30.9 24.4 36.6

58 65.3 51.0 76.6



#50

Toluene-d8

Concen: 57.034 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020802.D

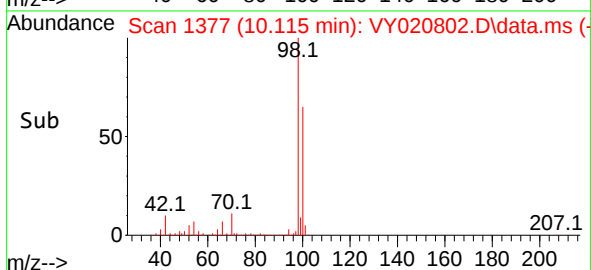
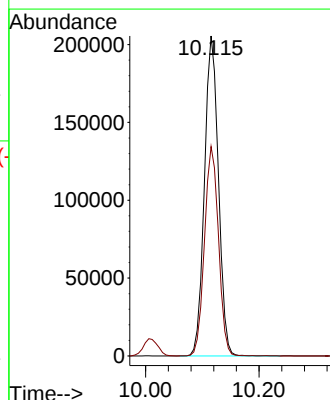
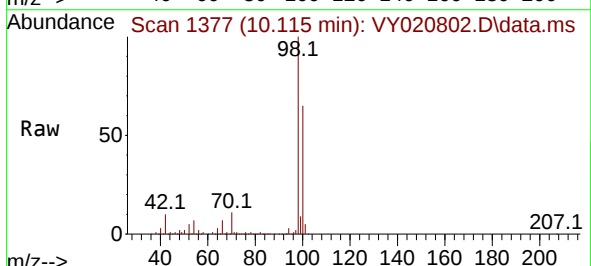
Acq: 08 Jan 2025 11:19

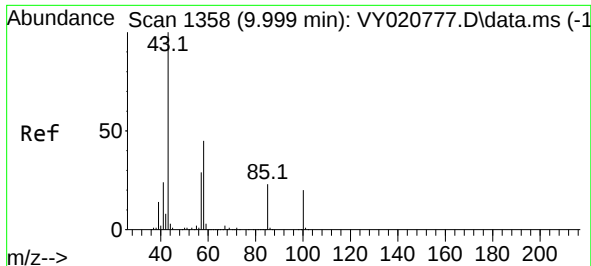
Tgt Ion: 98 Resp: 351614

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 112.343 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

Instrument :

MSVOA_Y

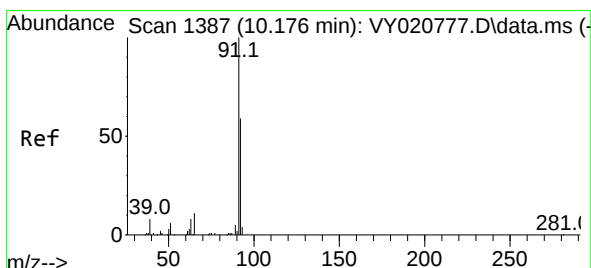
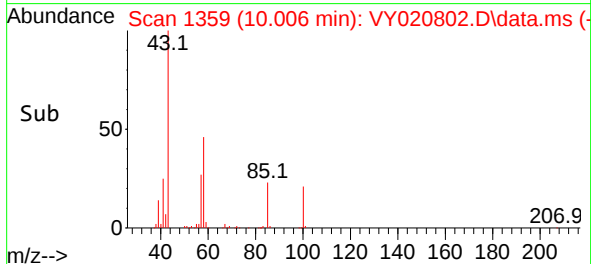
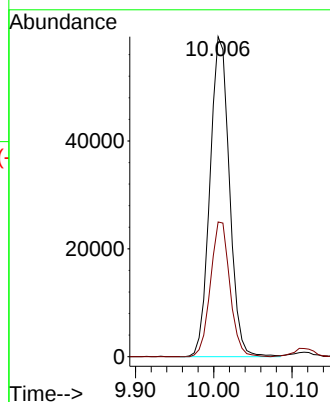
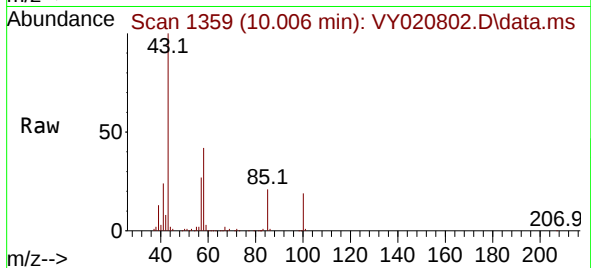
ClientSampleId :

Tgt Ion: 43 Resp: 102473

Ion Ratio Lower Upper

43 100

58 41.9 34.8 52.2



#52

Toluene

Concen: 19.834 ug/l

RT: 10.182 min Scan# 1388

Delta R.T. 0.006 min

Lab File: VY020802.D

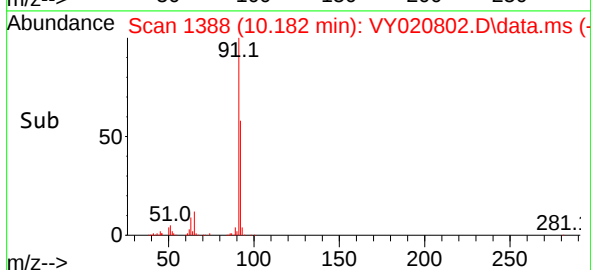
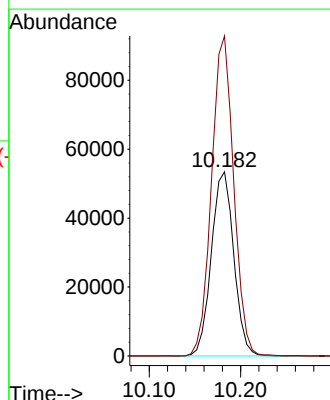
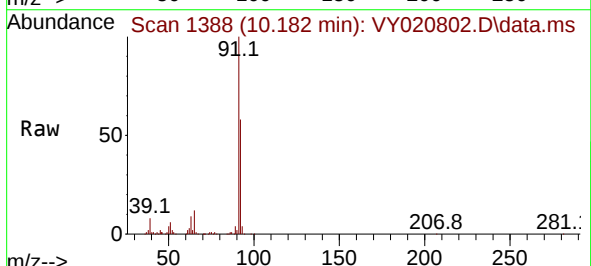
Acq: 08 Jan 2025 11:19

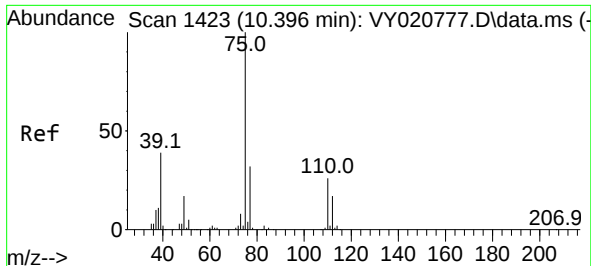
Tgt Ion: 92 Resp: 90929

Ion Ratio Lower Upper

92 100

91 171.8 136.6 204.8

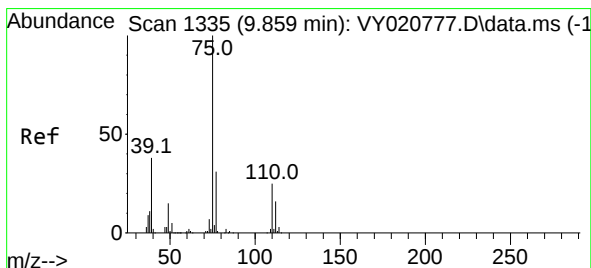
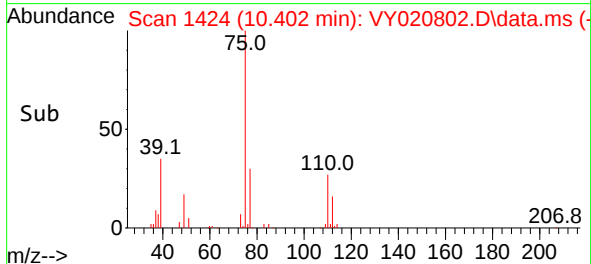
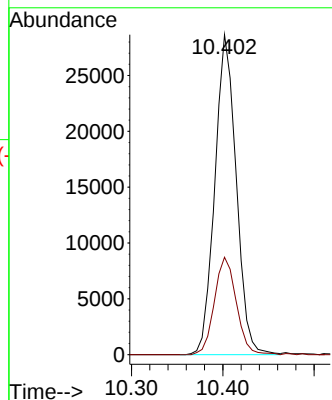
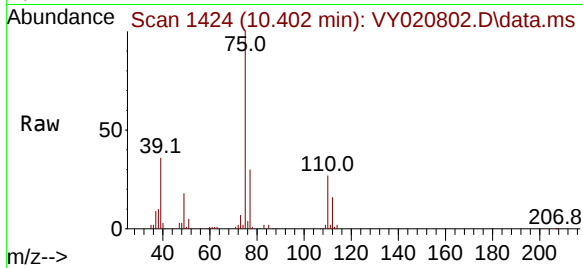




#53
 t-1,3-Dichloropropene
 Concen: 20.307 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VY020802.D
 Acq: 08 Jan 2025 11:19

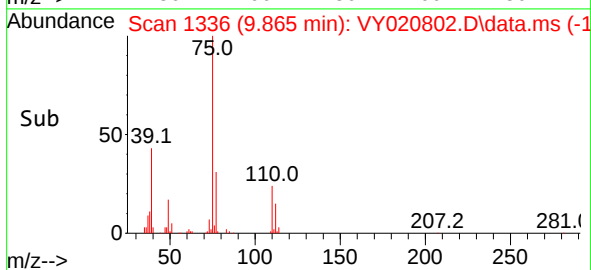
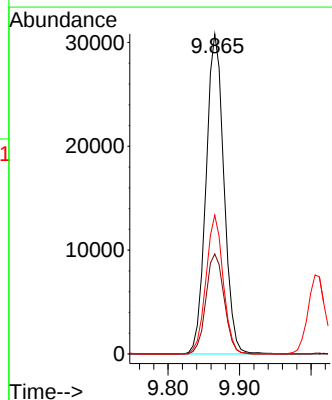
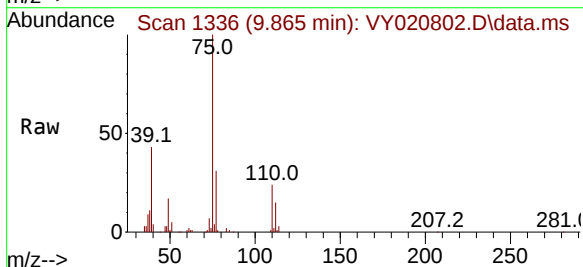
Instrument :
 MSVOA_Y
 ClientSampleId :

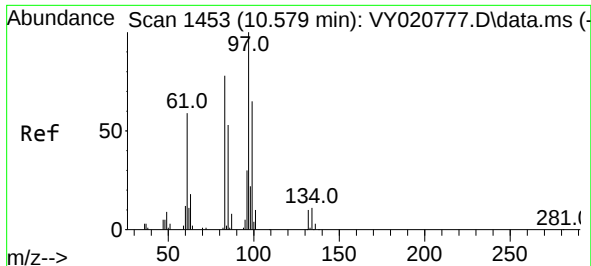
Tgt Ion: 75 Resp: 46617
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.062 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY020802.D
 Acq: 08 Jan 2025 11:19

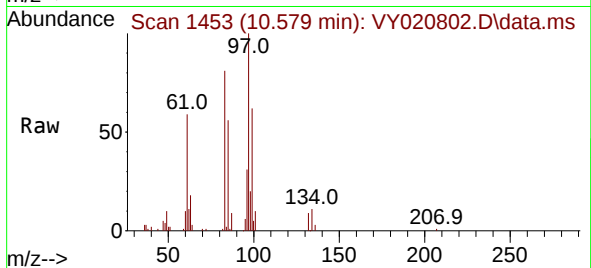
Tgt Ion: 75 Resp: 53489
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.5 36.7
 39 43.4 30.7 46.1



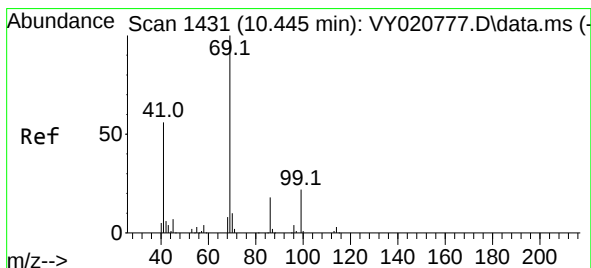
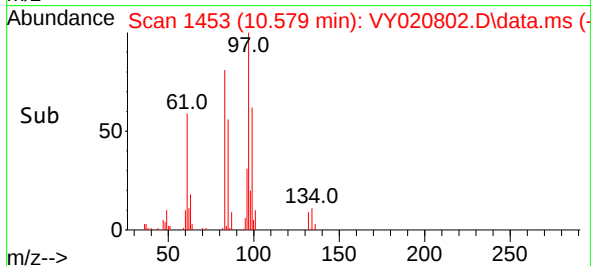
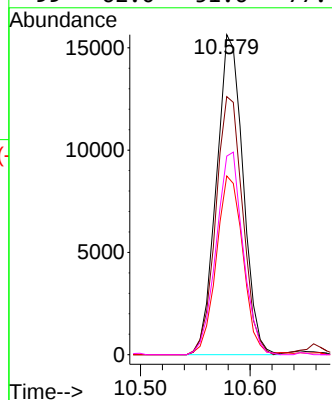


#55
1,1,2-Trichloroethane
Concen: 20.501 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Instrument :
MSVOA_Y
ClientSampleId :

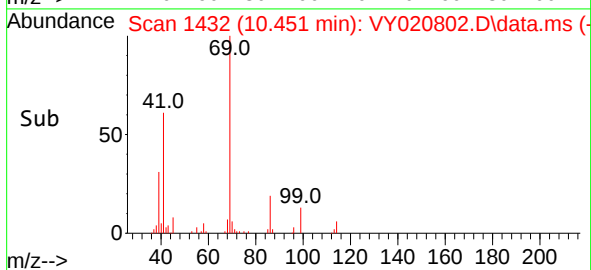
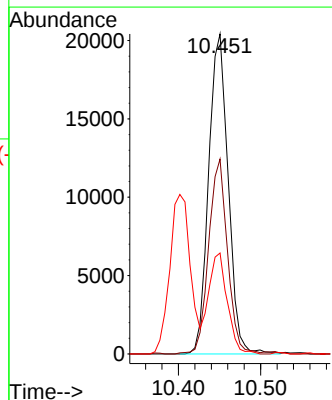
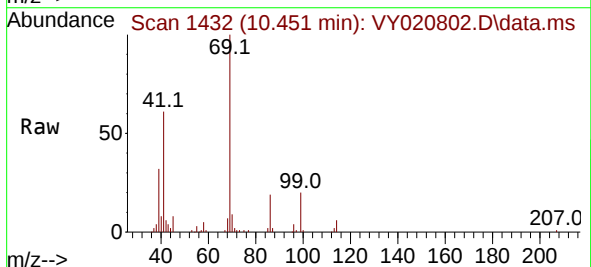


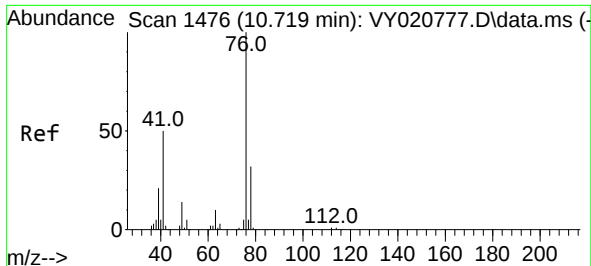
Tgt Ion: 97	Resp: 26396
Ion Ratio	Lower Upper
97 100	
83 80.6	62.8 94.2
85 55.8	42.4 63.6
99 62.0	51.6 77.4



#56
Ethyl methacrylate
Concen: 20.718 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Tgt Ion: 69	Resp: 33689
Ion Ratio	Lower Upper
69 100	
41 58.8	46.6 69.8
39 30.3	25.7 38.5





#57

1,3-Dichloropropane

Concen: 20.642 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

Instrument :

MSVOA_Y

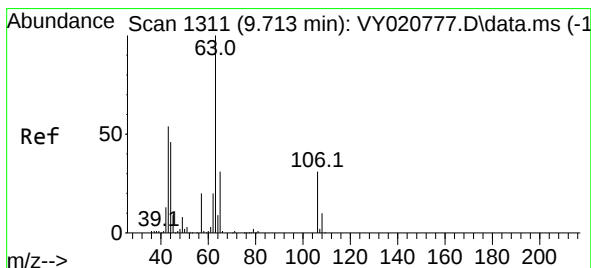
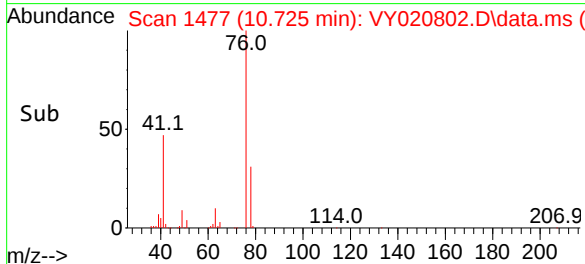
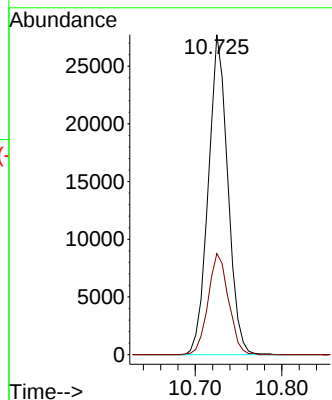
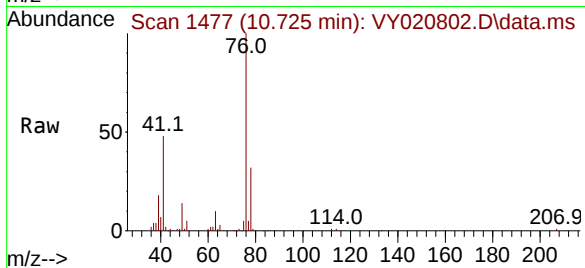
ClientSampleId :

Tgt Ion: 76 Resp: 43322

Ion Ratio Lower Upper

76 100

78 33.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 105.451 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY020802.D

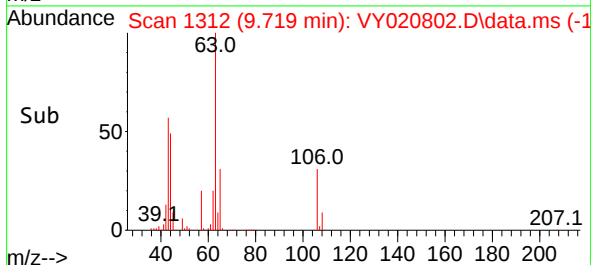
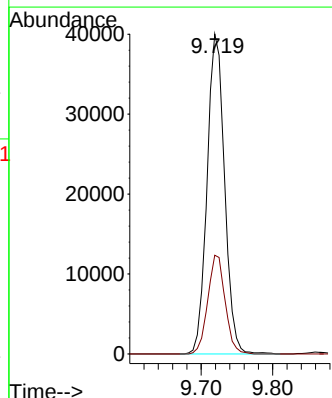
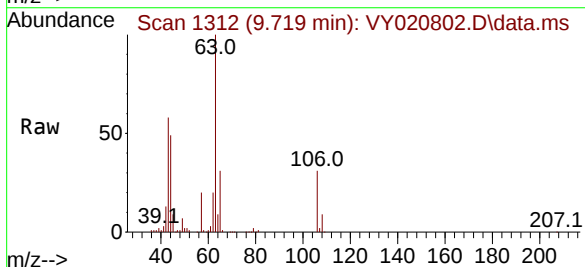
Acq: 08 Jan 2025 11:19

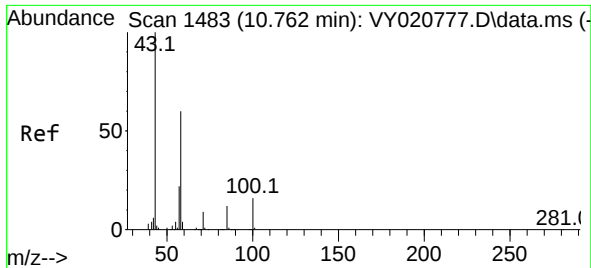
Tgt Ion: 63 Resp: 68024

Ion Ratio Lower Upper

63 100

106 30.6 25.9 38.9

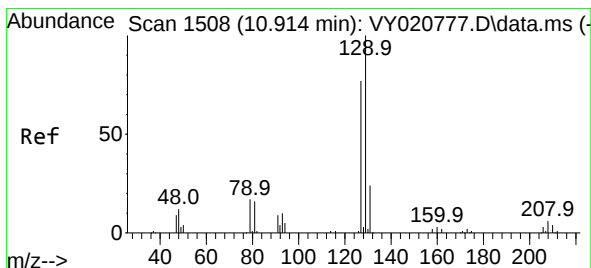
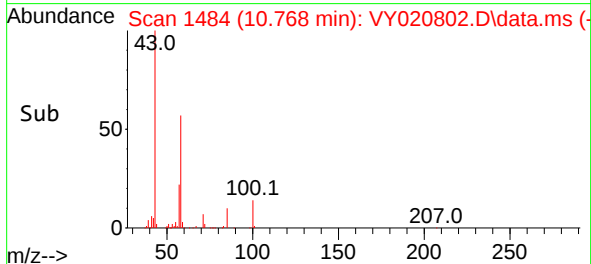
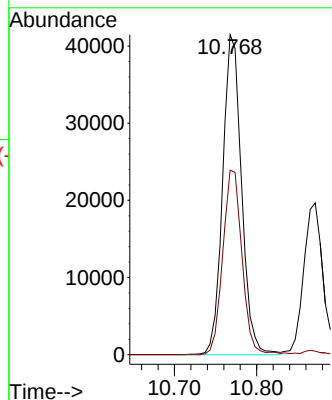
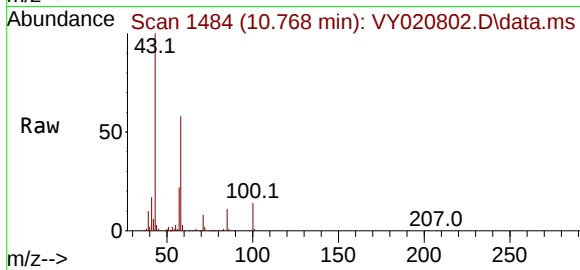




#59
2-Hexanone
Concen: 113.183 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

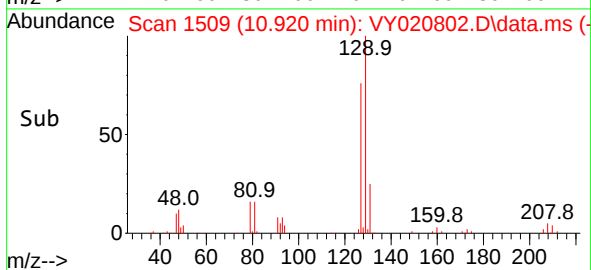
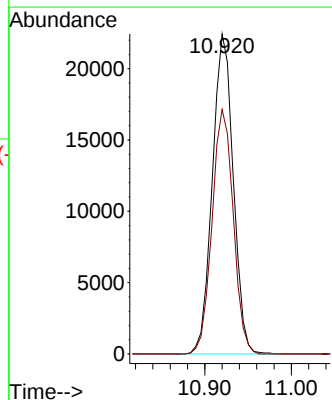
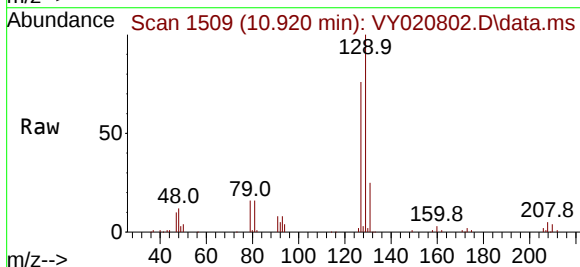
Instrument :
MSVOA_Y
ClientSampleId :

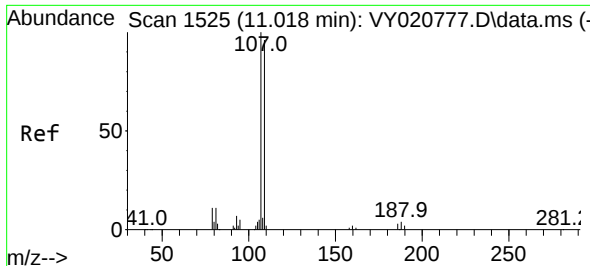
Tgt Ion: 43 Resp: 66233
Ion Ratio Lower Upper
43 100
58 58.7 30.6 92.0



#60
Dibromochloromethane
Concen: 20.116 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Tgt Ion:129 Resp: 37564
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.9

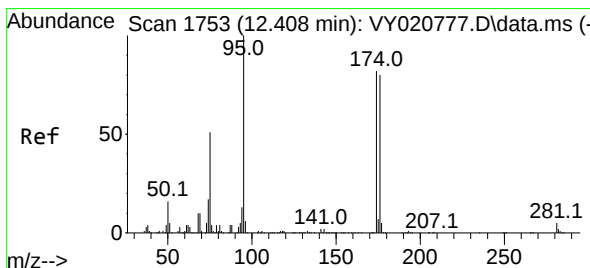
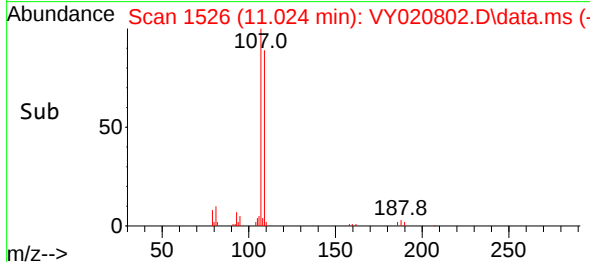
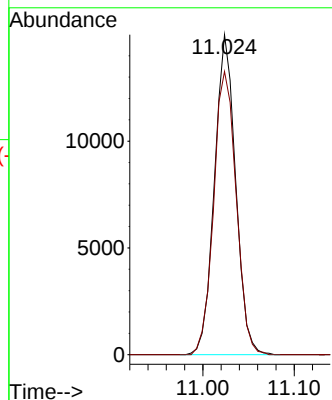
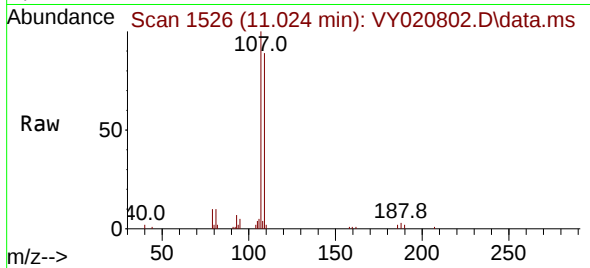




#61
1,2-Dibromoethane
Concen: 20.859 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

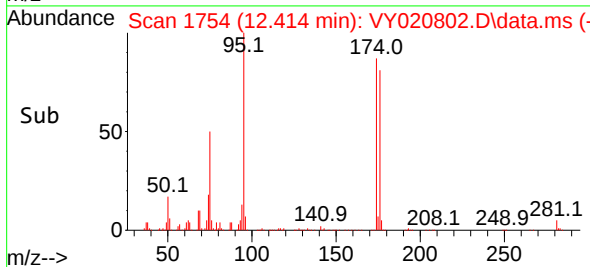
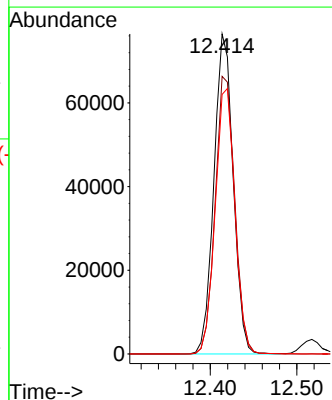
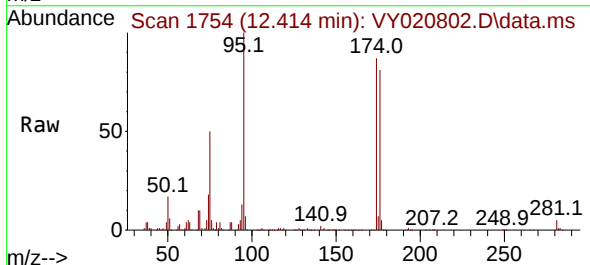
Instrument :
MSVOA_Y
ClientSampleId :

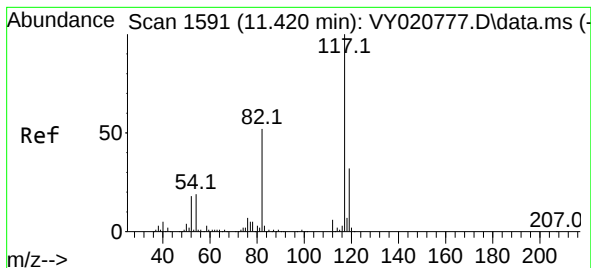
Tgt Ion:107 Resp: 24111
Ion Ratio Lower Upper
107 100
109 94.2 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 51.929 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Tgt Ion: 95 Resp: 118222
Ion Ratio Lower Upper
95 100
174 88.2 0.0 178.0
176 85.0 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

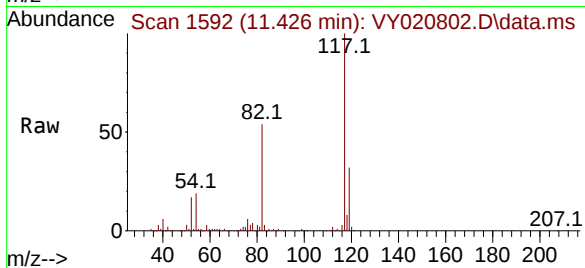
Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

Instrument :

MSVOA_Y

ClientSampleId :



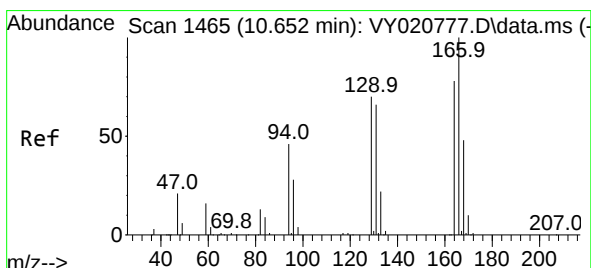
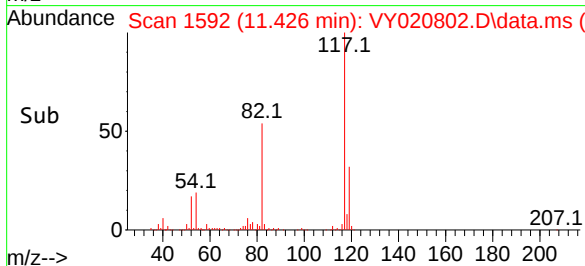
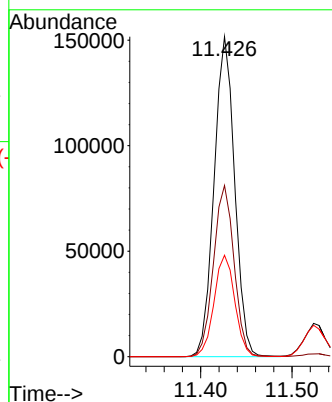
Tgt Ion:117 Resp: 237088

Ion Ratio Lower Upper

117 100

82 53.5 41.8 62.6

119 31.7 25.8 38.8



#64

Tetrachloroethene

Concen: 18.647 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

Tgt Ion:164 Resp: 32503

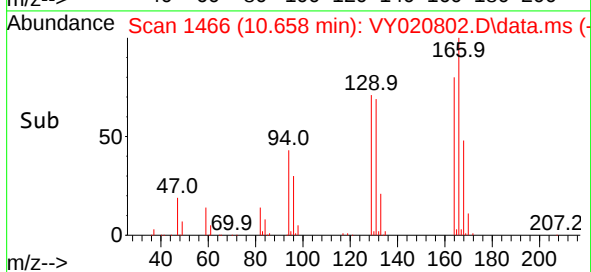
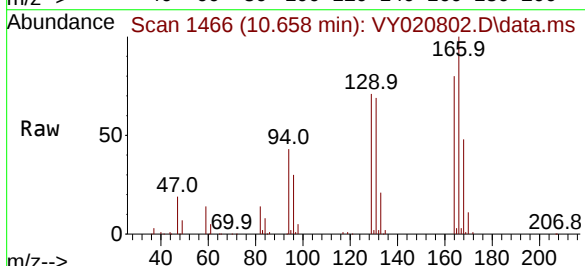
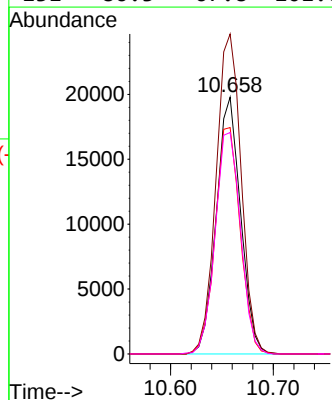
Ion Ratio Lower Upper

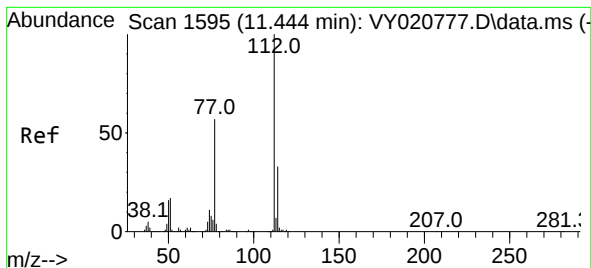
164 100

166 124.6 102.0 153.0

129 88.2 71.4 107.2

131 86.3 67.8 101.6





#65

Chlorobenzene

Concen: 19.686 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

Instrument :

MSVOA_Y

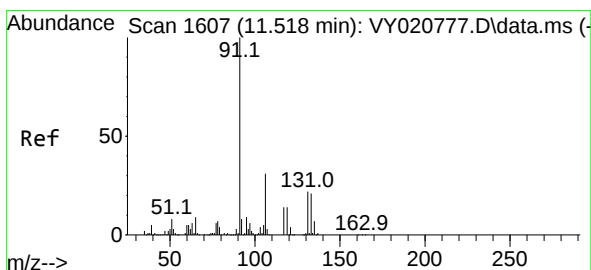
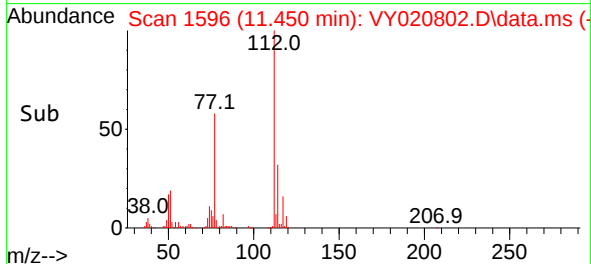
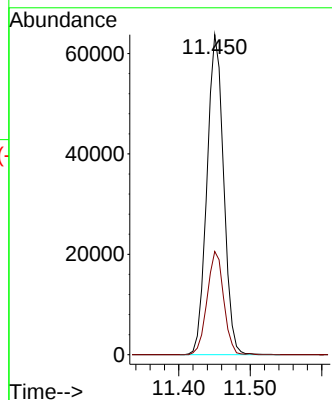
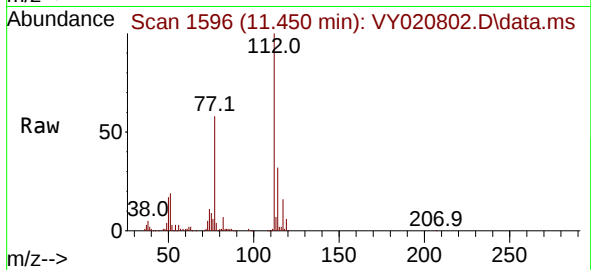
ClientSampleId :

Tgt Ion:112 Resp: 103193

Ion Ratio Lower Upper

112 100

114 32.3 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.444 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

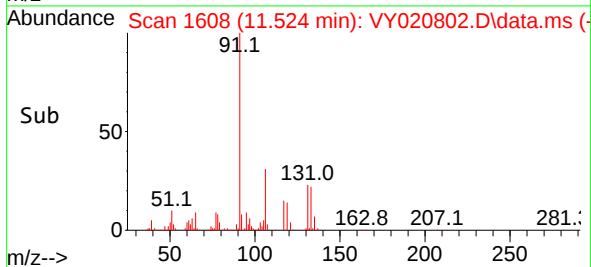
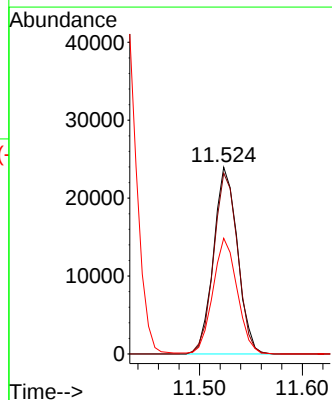
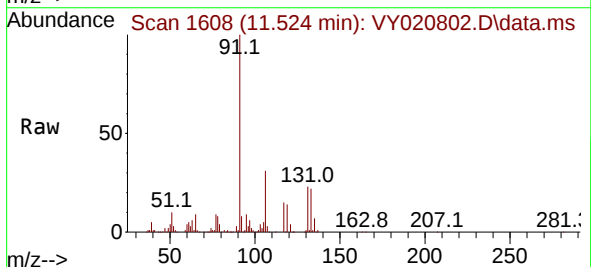
Tgt Ion:131 Resp: 38802

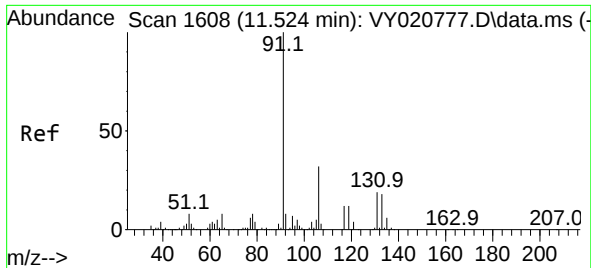
Ion Ratio Lower Upper

131 100

133 97.0 46.9 140.8

119 62.8 30.2 90.6

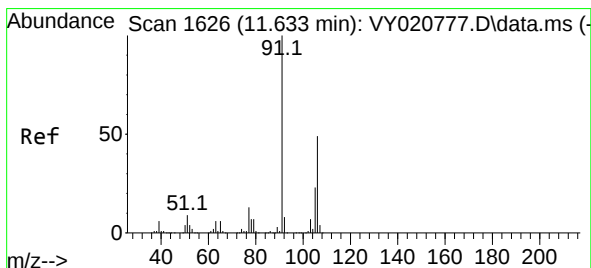
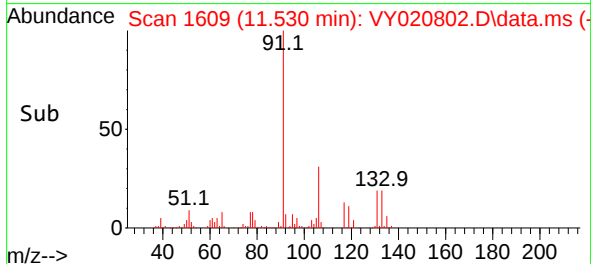
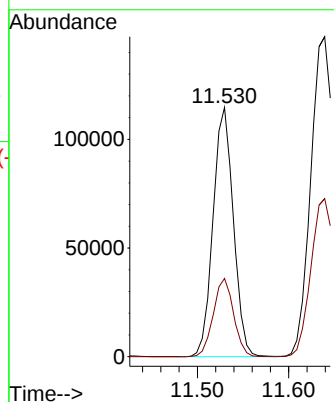
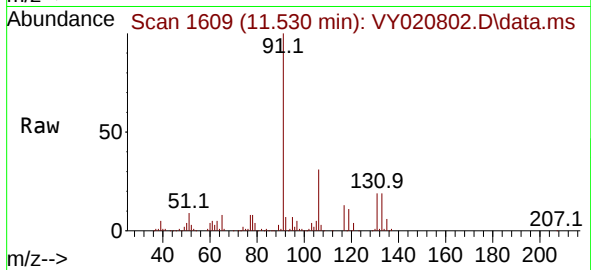




#67
Ethyl Benzene
Concen: 19.558 ug/l
RT: 11.530 min Scan# 1609
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

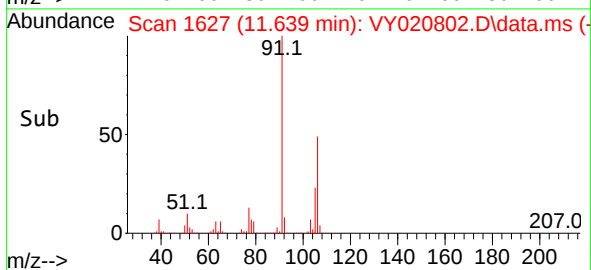
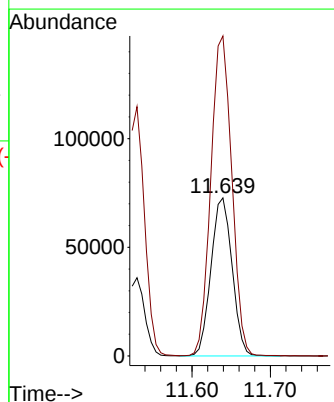
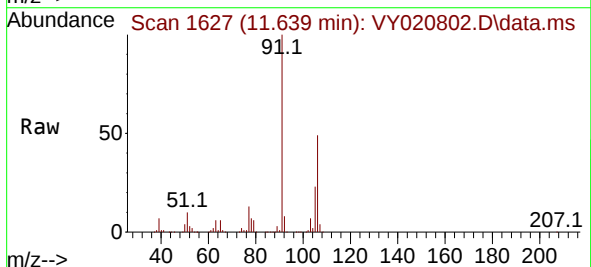
Instrument :
MSVOA_Y
ClientSampleId :

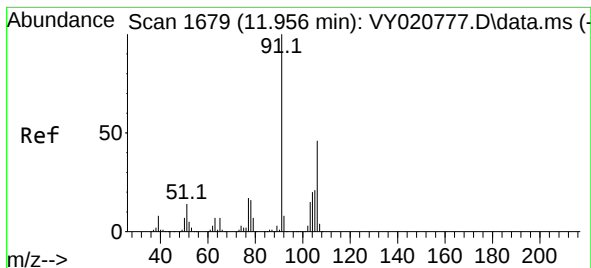
Tgt Ion: 91 Resp: 177502
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3



#68
m/p-Xylenes
Concen: 38.920 ug/l
RT: 11.639 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Tgt Ion:106 Resp: 135995
Ion Ratio Lower Upper
106 100
91 201.8 162.6 243.8





#69

o-Xylene

Concen: 19.616 ug/l

RT: 11.962 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

Instrument :

MSVOA_Y

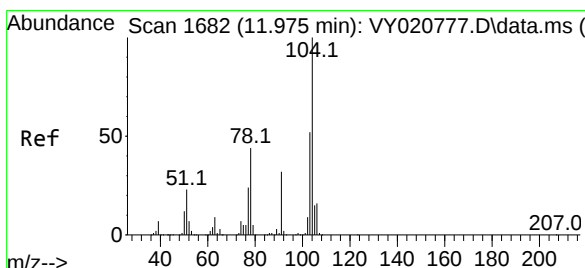
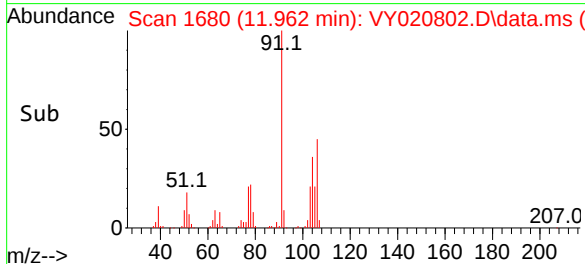
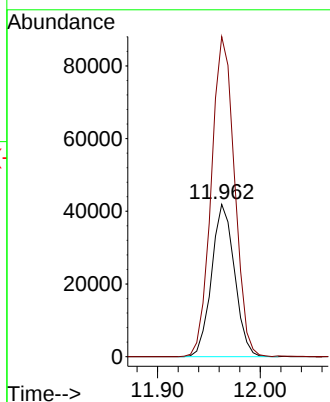
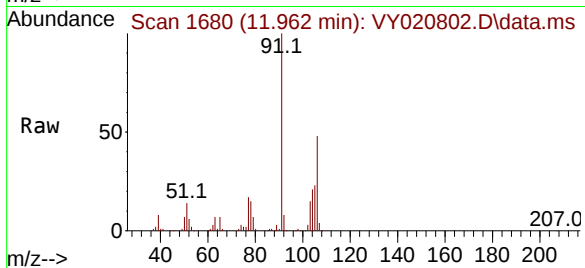
ClientSampleId :

Tgt Ion:106 Resp: 64988

Ion Ratio Lower Upper

106 100

91 213.1 108.2 324.6



#70

Styrene

Concen: 19.889 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

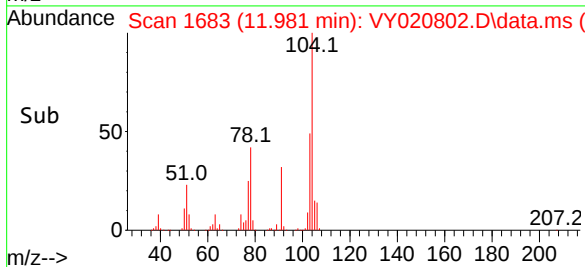
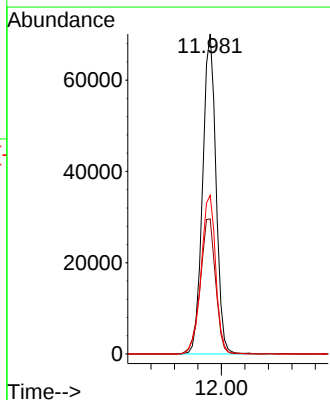
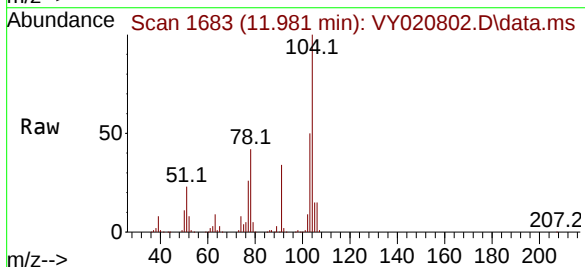
Tgt Ion:104 Resp: 110918

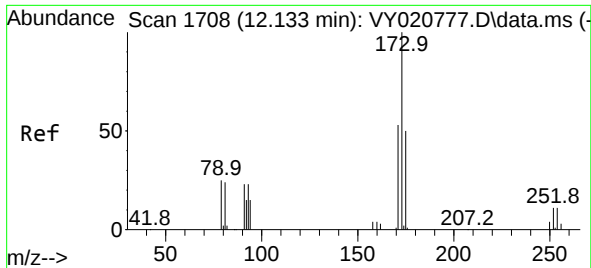
Ion Ratio Lower Upper

104 100

78 48.2 39.4 59.2

103 54.1 44.0 66.0

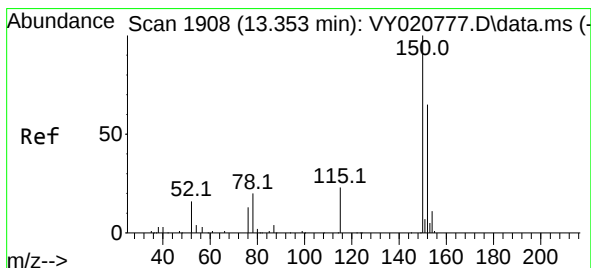
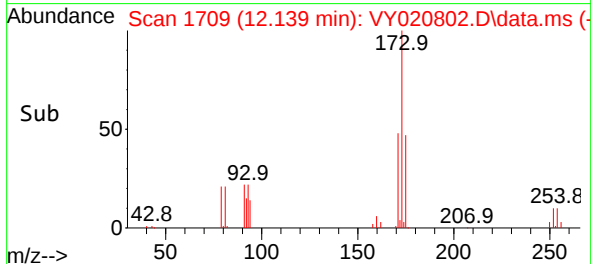
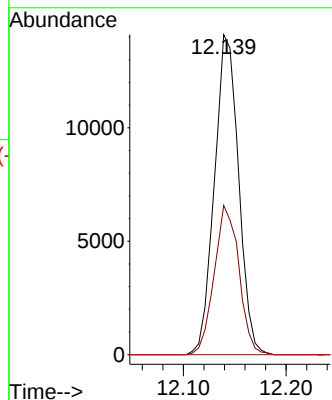
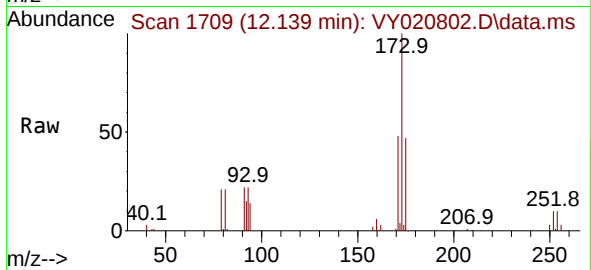




#71
Bromoform
Concen: 20.320 ug/l
RT: 12.139 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

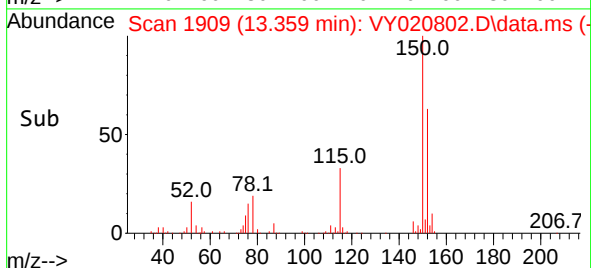
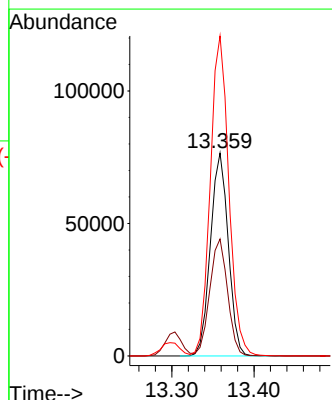
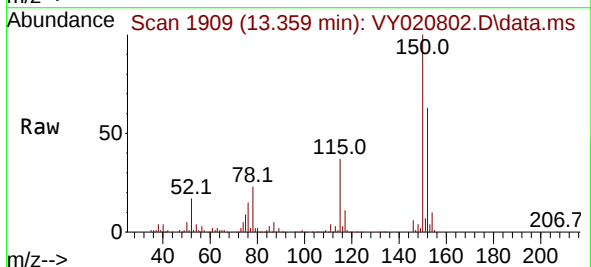
Instrument :
MSVOA_Y
ClientSampleId :

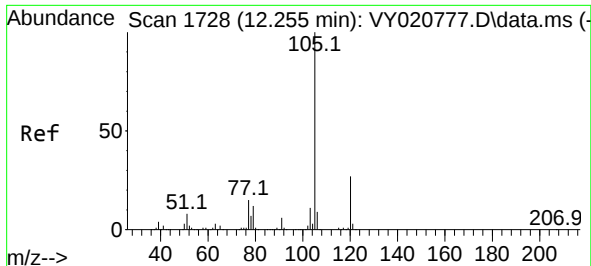
Tgt Ion:173 Resp: 23052
Ion Ratio Lower Upper
173 100
175 47.7 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Tgt Ion:152 Resp: 115435
Ion Ratio Lower Upper
152 100
115 57.5 29.0 87.0
150 163.9 0.0 347.4

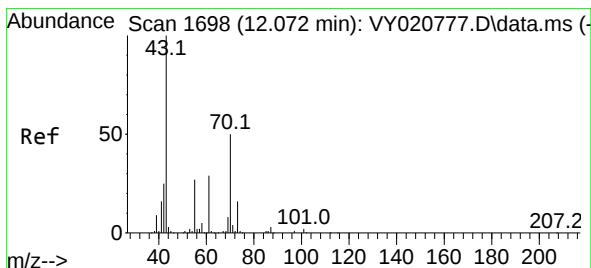
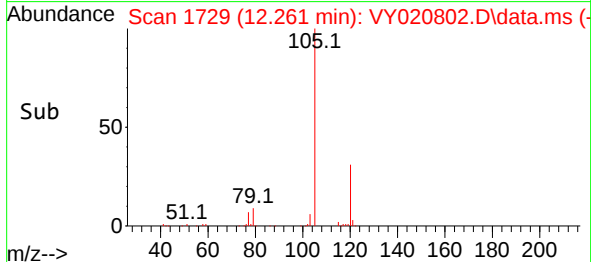
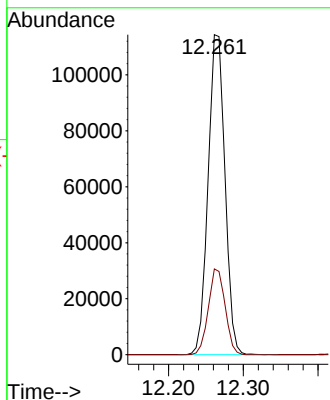
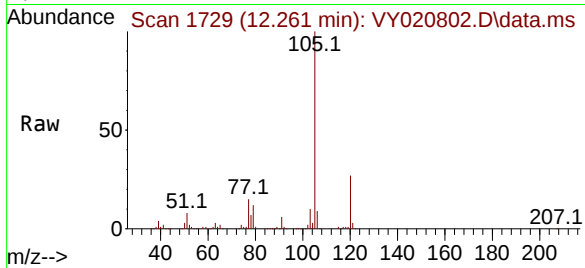




#73
Isopropylbenzene
Concen: 19.563 ug/l
RT: 12.261 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

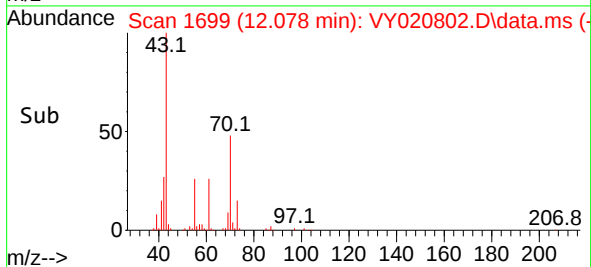
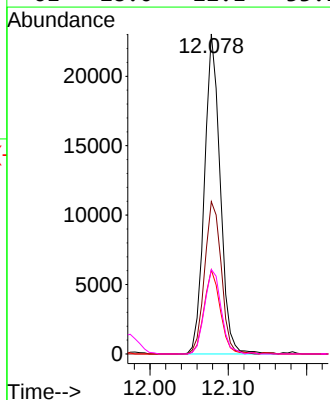
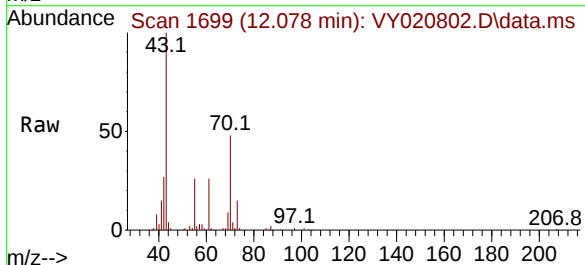
Instrument :
MSVOA_Y
ClientSampleId :

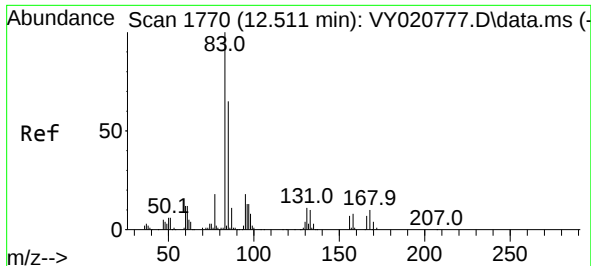
Tgt Ion:105 Resp: 179153
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 21.503 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Tgt Ion: 43 Resp: 32211
Ion Ratio Lower Upper
43 100
70 50.3 40.2 60.4
55 26.9 21.2 31.8
61 28.0 22.1 33.1

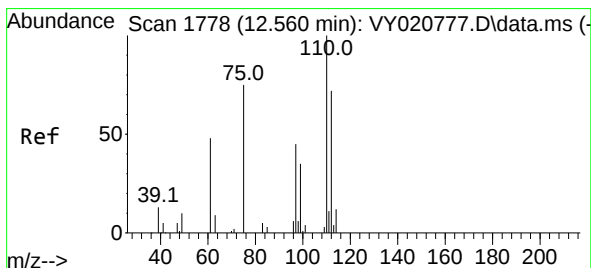
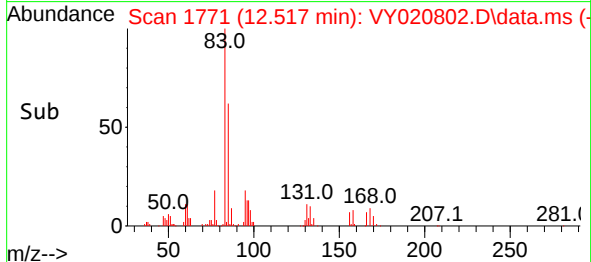
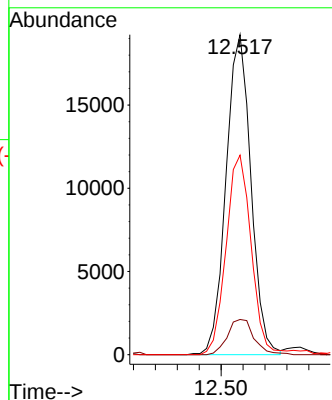
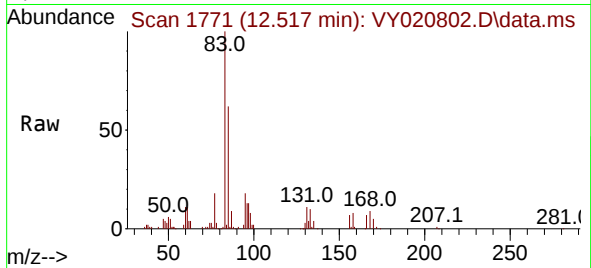




#75
1,1,2-Tetrachloroethane
Concen: 21.835 ug/l
RT: 12.517 min Scan# 1771
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

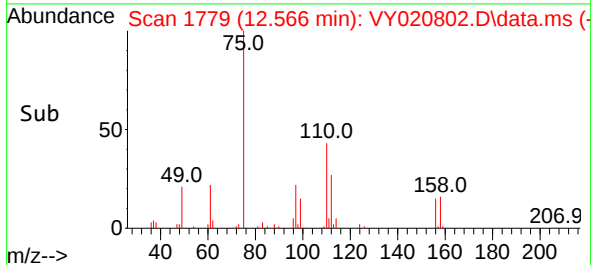
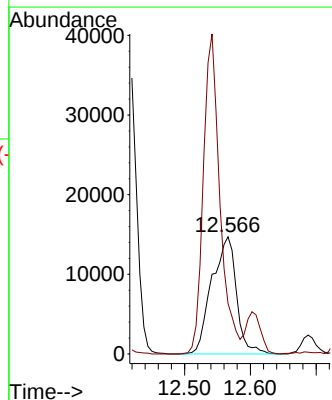
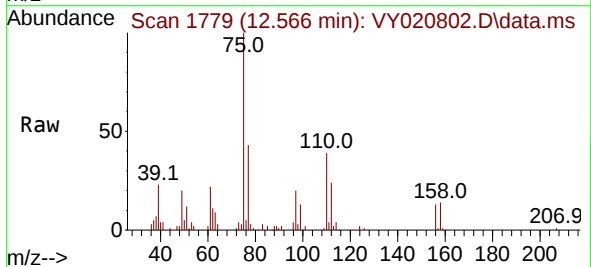
Instrument :
MSVOA_Y
ClientSampleId :

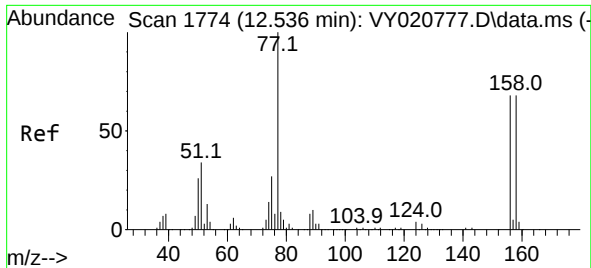
Tgt Ion: 83 Resp: 30307
Ion Ratio Lower Upper
83 100
131 11.8 6.0 18.0
85 62.9 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 38.029 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Tgt Ion: 75 Resp: 38410
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

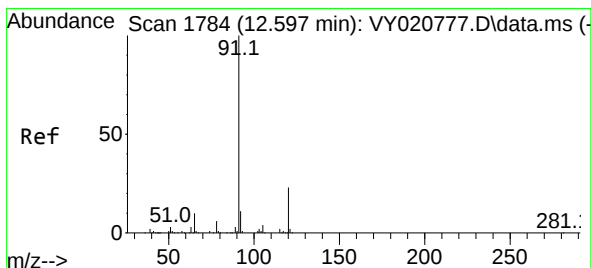
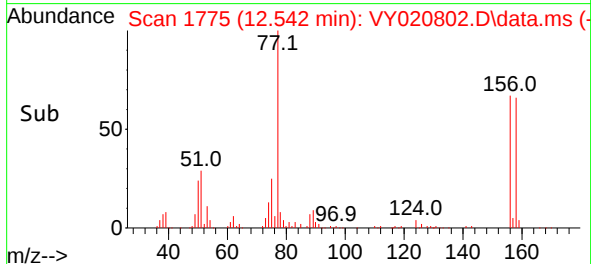
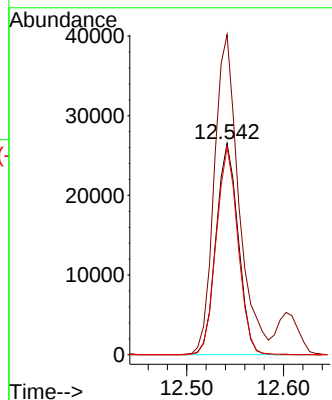
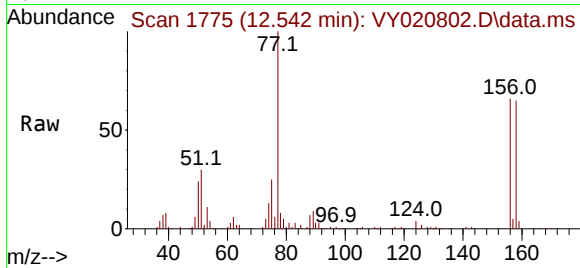




#77
Bromobenzene
Concen: 19.914 ug/l
RT: 12.542 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

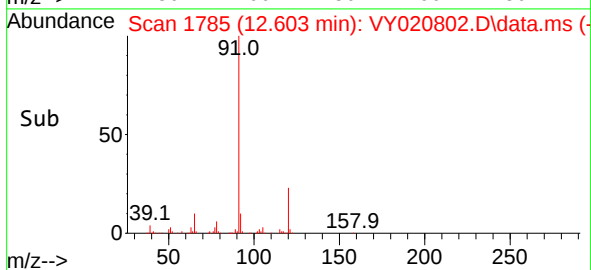
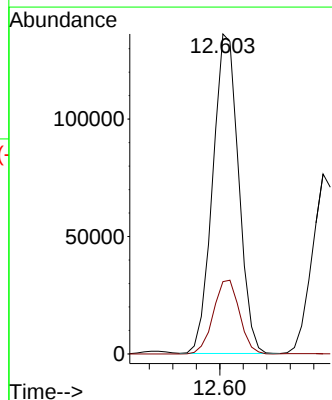
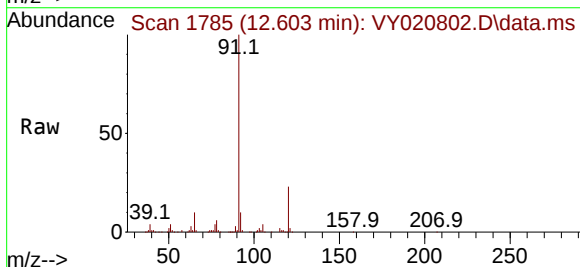
Instrument :
MSVOA_Y
ClientSampleId :

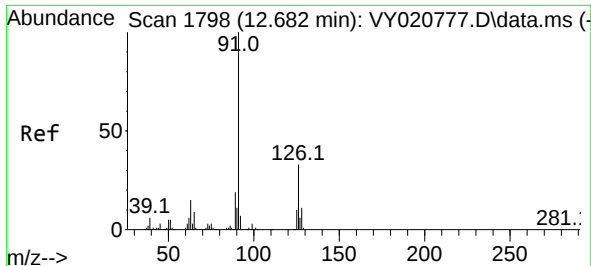
Tgt Ion:156 Resp: 42045
Ion Ratio Lower Upper
156 100
77 168.5 82.3 247.0
158 96.5 48.0 144.0



#78
n-propylbenzene
Concen: 19.992 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Tgt Ion: 91 Resp: 207807
Ion Ratio Lower Upper
91 100
120 23.3 12.0 36.1





#79

2-Chlorotoluene

Concen: 19.786 ug/l

RT: 12.688 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

Instrument :

MSVOA_Y

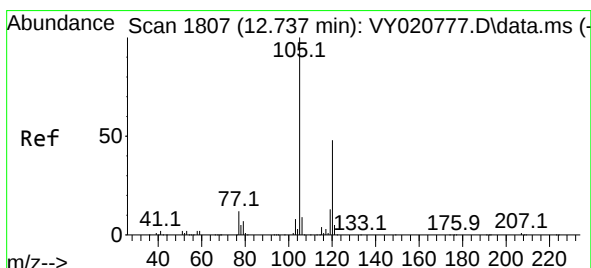
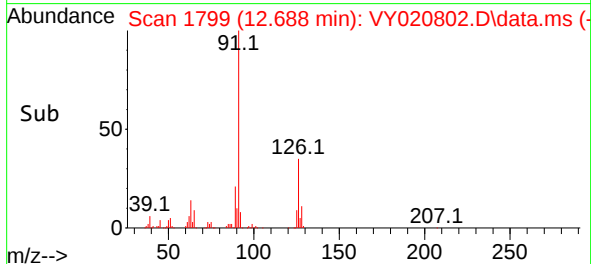
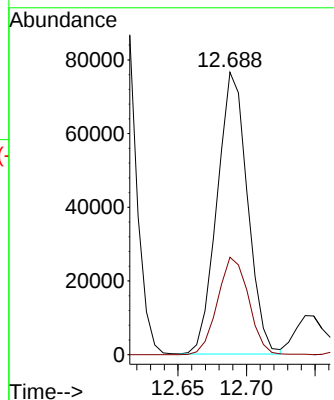
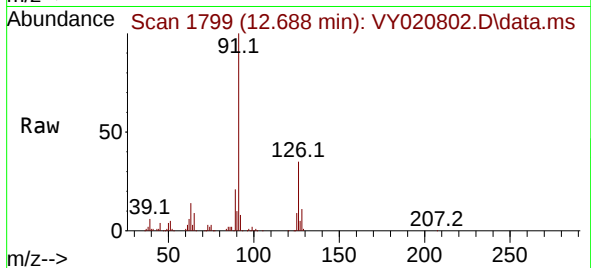
ClientSampleId :

Tgt Ion: 91 Resp: 118434

Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 19.607 ug/l

RT: 12.749 min Scan# 1809

Delta R.T. 0.012 min

Lab File: VY020802.D

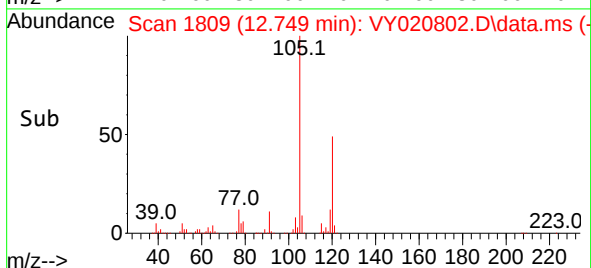
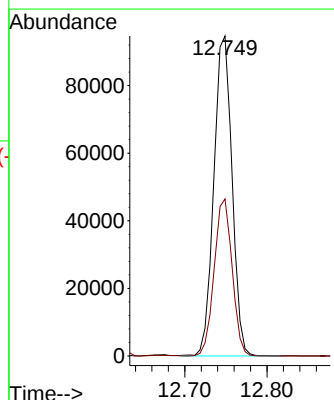
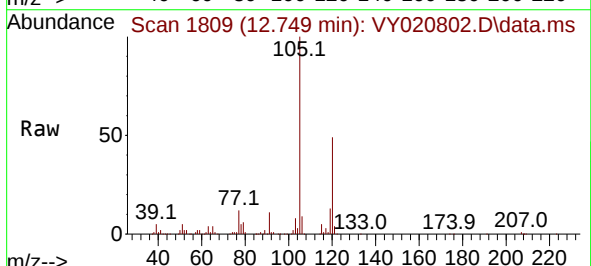
Acq: 08 Jan 2025 11:19

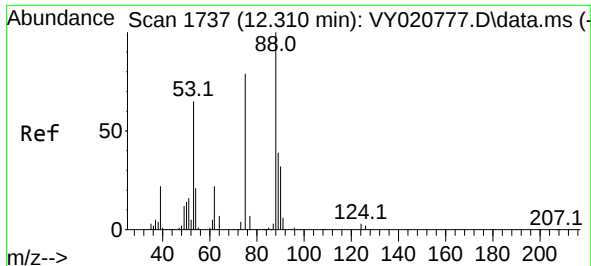
Tgt Ion: 105 Resp: 145517

Ion Ratio Lower Upper

105 100

120 48.5 24.5 73.5

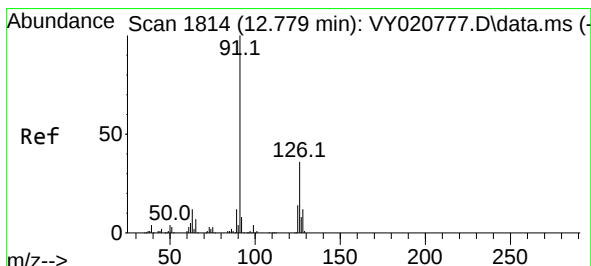
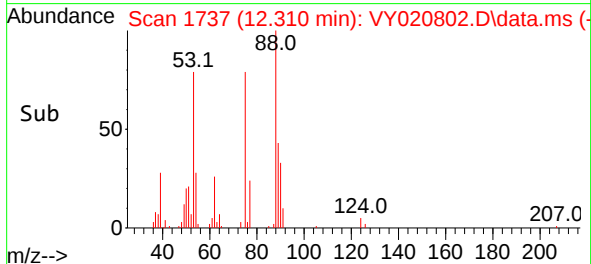
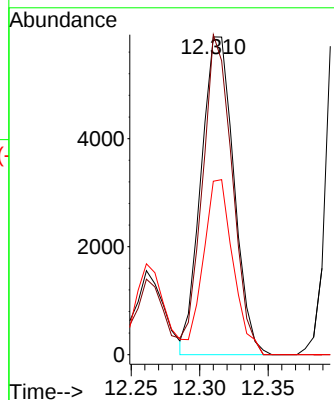
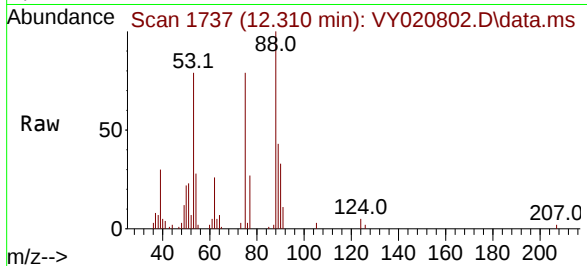




#81
trans-1,4-Dichloro-2-butene
Concen: 20.442 ug/l
RT: 12.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

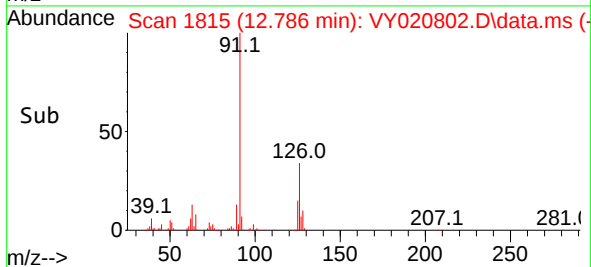
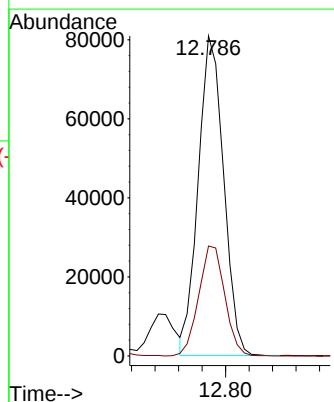
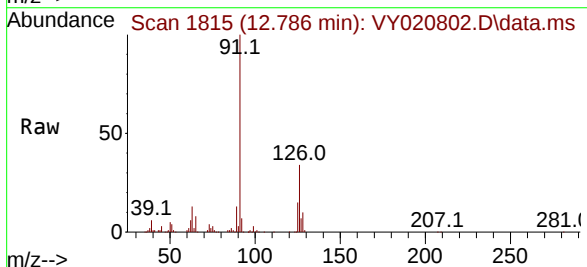
Instrument :
MSVOA_Y
ClientSampleId :

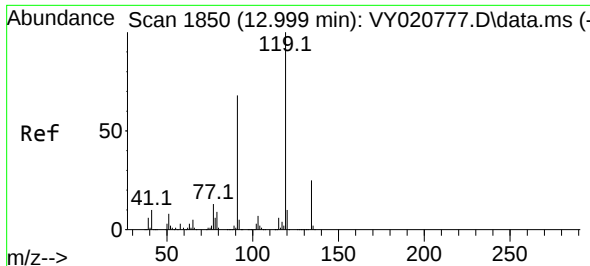
Tgt Ion: 75 Resp: 9792
Ion Ratio Lower Upper
75 100
53 91.2 69.4 104.0
89 49.4 39.6 59.4



#82
4-Chlorotoluene
Concen: 19.624 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Tgt Ion: 91 Resp: 121220
Ion Ratio Lower Upper
91 100
126 35.5 17.3 51.7

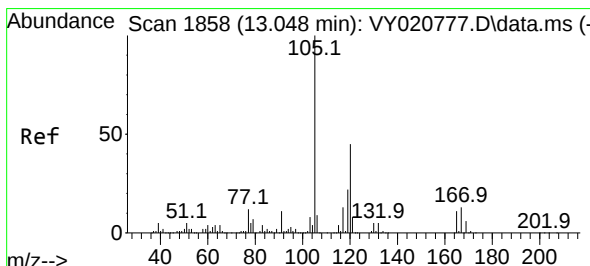
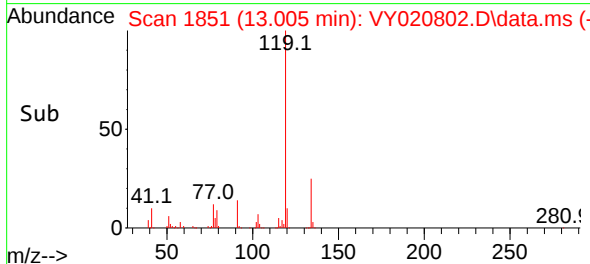
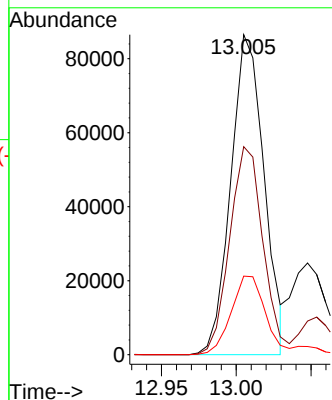
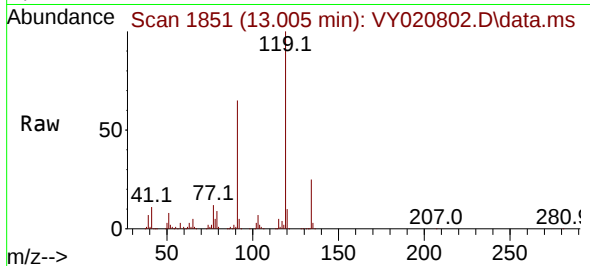




#83
tert-Butylbenzene
Concen: 19.291 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

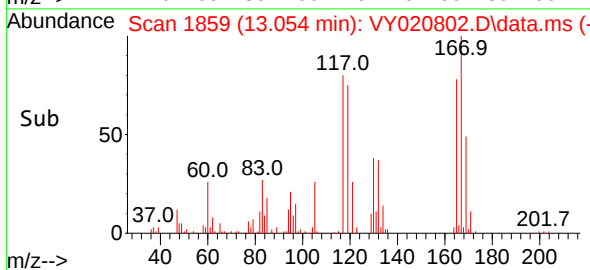
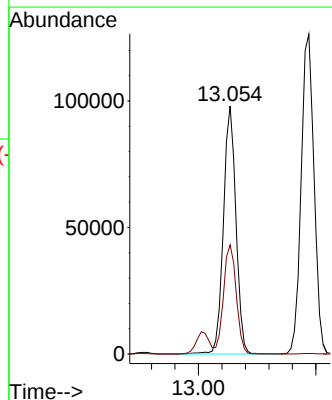
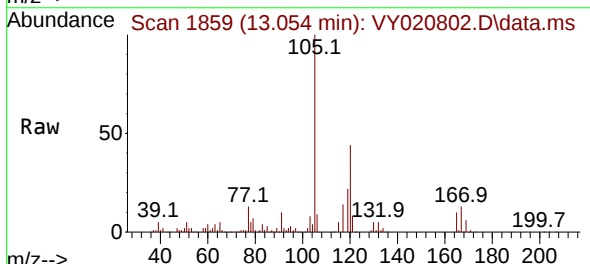
Instrument :
MSVOA_Y
ClientSampleId :

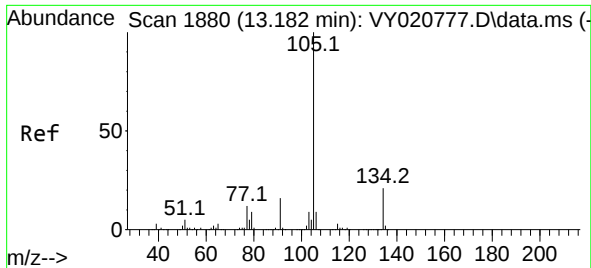
Tgt Ion:119 Resp: 133906
Ion Ratio Lower Upper
119 100
91 65.2 33.0 98.9
134 25.2 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 19.999 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Tgt Ion:105 Resp: 144939
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.2

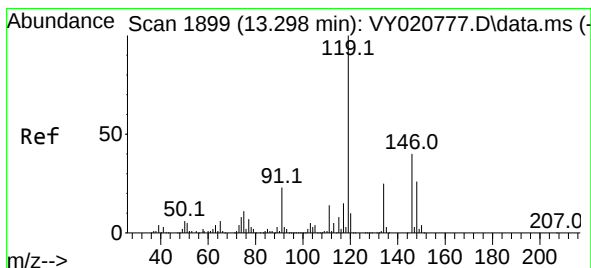
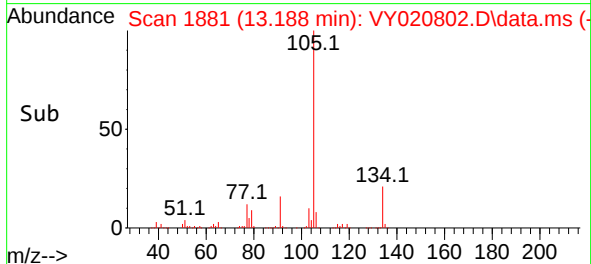
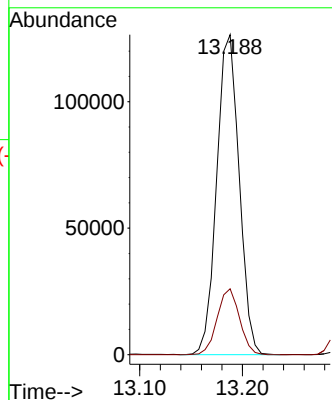
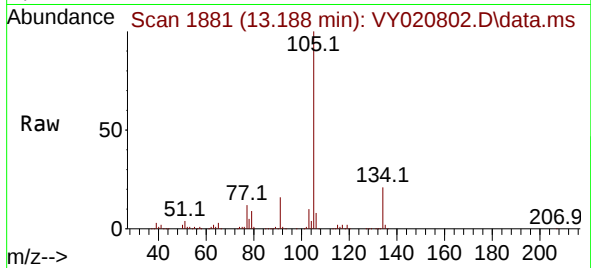




#85
 sec-Butylbenzene
 Concen: 19.750 ug/l
 RT: 13.188 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY020802.D
 Acq: 08 Jan 2025 11:19

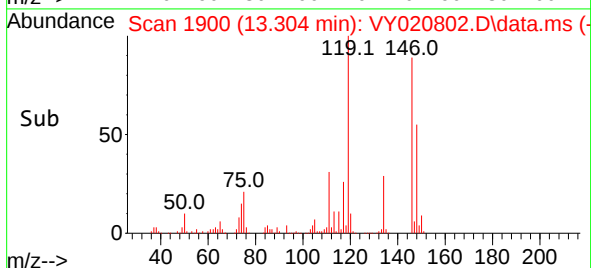
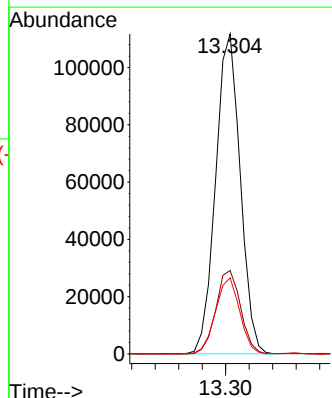
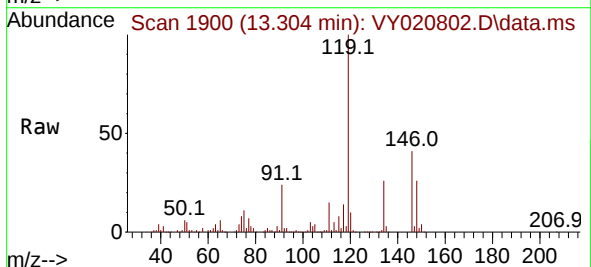
Instrument :
 MSVOA_Y
 ClientSampleId :

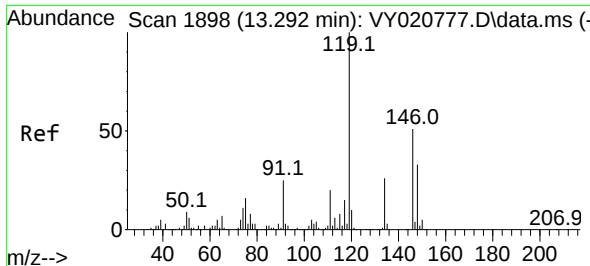
Tgt Ion:105 Resp: 191485
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 19.636 ug/l
 RT: 13.304 min Scan# 1900
 Delta R.T. 0.006 min
 Lab File: VY020802.D
 Acq: 08 Jan 2025 11:19

Tgt Ion:119 Resp: 162408
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 23.6 11.8 35.3

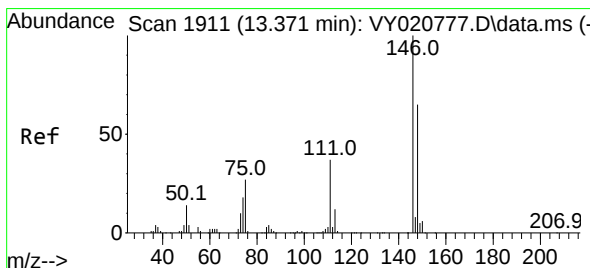
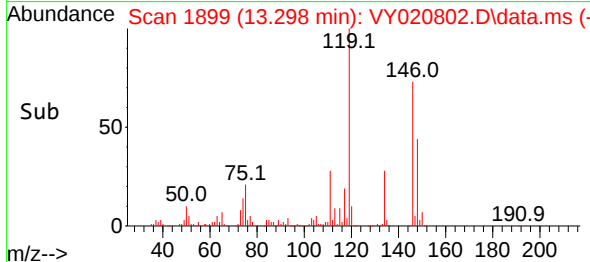
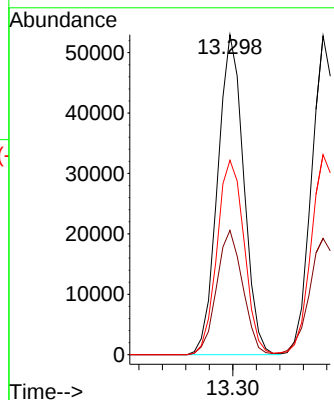
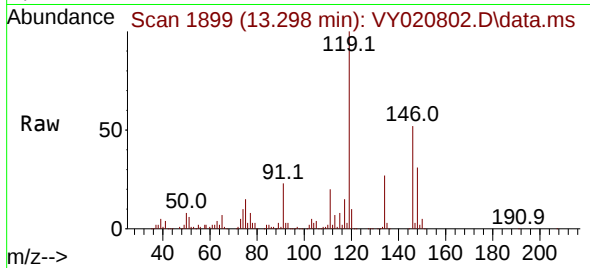




#87
 1,3-Dichlorobenzene
 Concen: 19.894 ug/l
 RT: 13.298 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY020802.D
 Acq: 08 Jan 2025 11:19

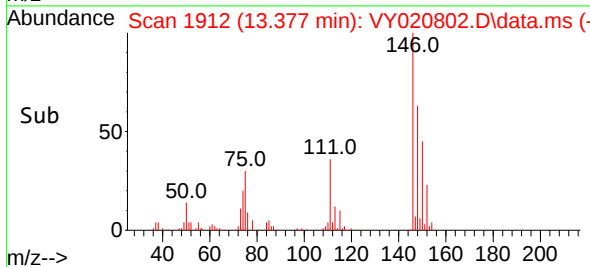
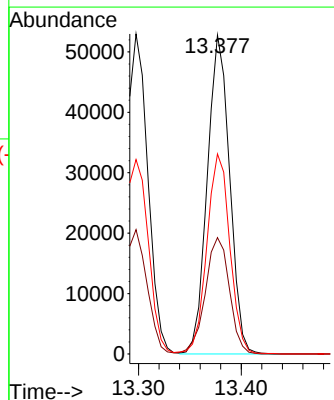
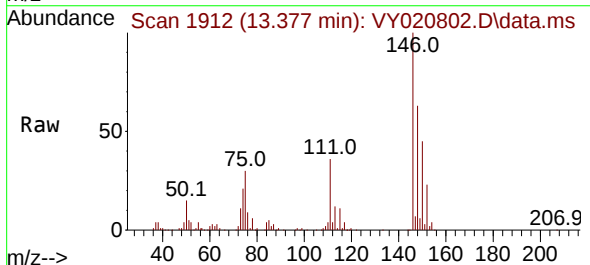
Instrument :
 MSVOA_Y
 ClientSampleId :

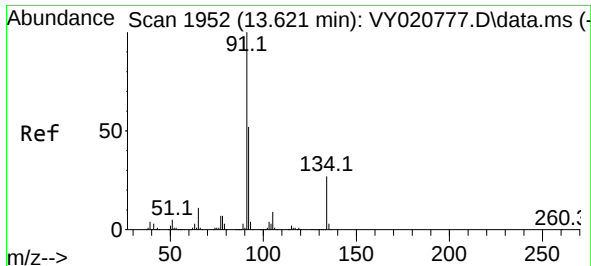
Tgt Ion:146 Resp: 81615
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.5 58.5
 148 63.3 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.733 ug/l
 RT: 13.377 min Scan# 1912
 Delta R.T. 0.006 min
 Lab File: VY020802.D
 Acq: 08 Jan 2025 11:19

Tgt Ion:146 Resp: 79689
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.1 57.3
 148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 19.730 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

Instrument :

MSVOA_Y

ClientSampleId :

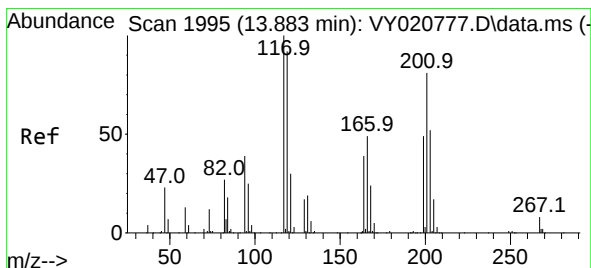
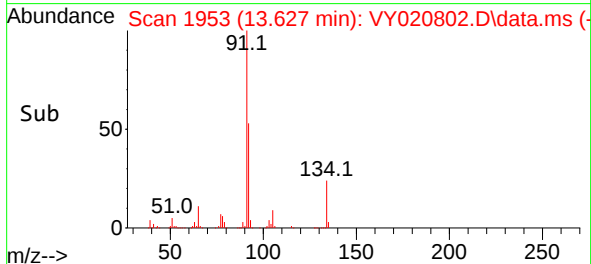
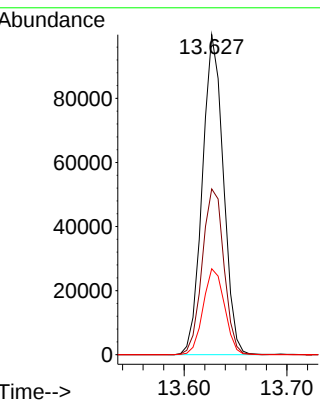
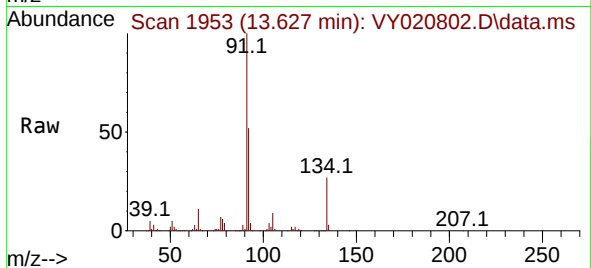
Tgt Ion: 91 Resp: 141573

Ion Ratio Lower Upper

91 100

92 53.6 26.5 79.4

134 27.3 13.8 41.4



#90

Hexachloroethane

Concen: 19.430 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY020802.D

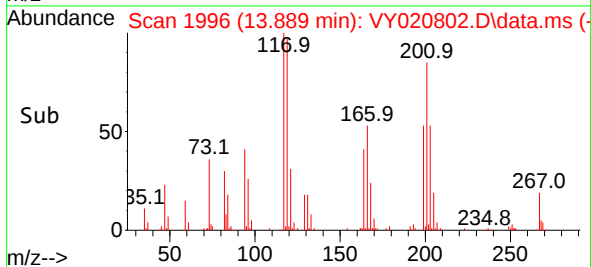
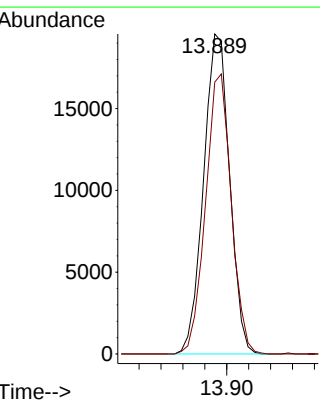
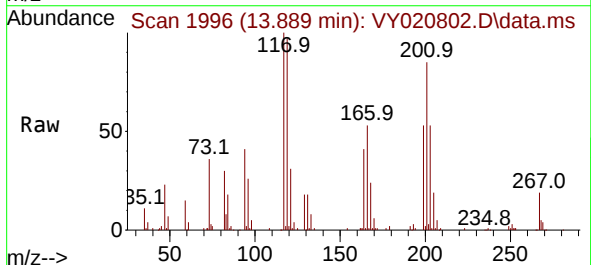
Acq: 08 Jan 2025 11:19

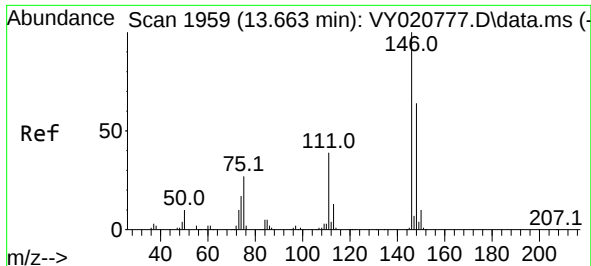
Tgt Ion: 117 Resp: 32270

Ion Ratio Lower Upper

117 100

201 86.1 42.9 128.7

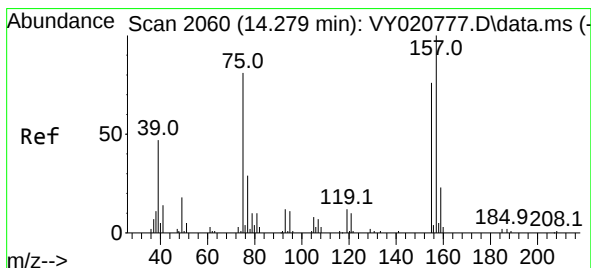
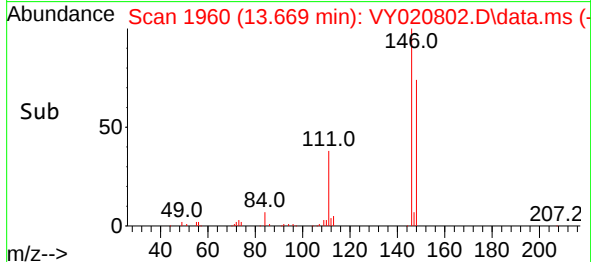
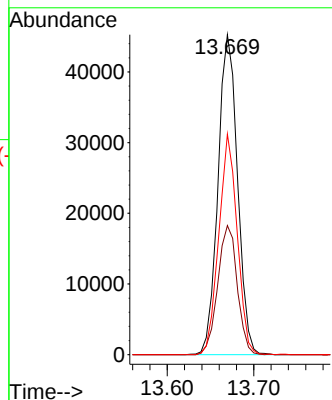
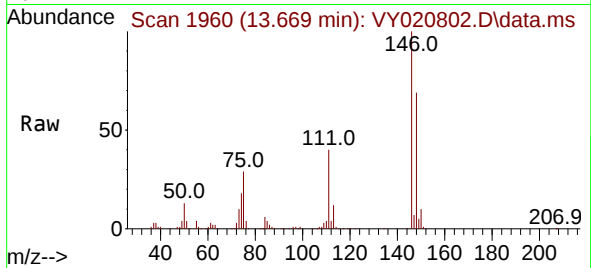




#91
1,2-Dichlorobenzene
Concen: 19.755 ug/l
RT: 13.669 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

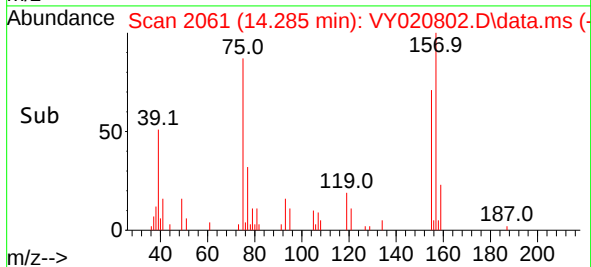
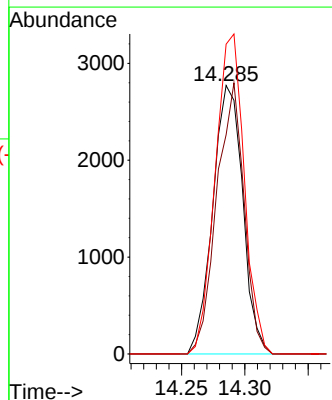
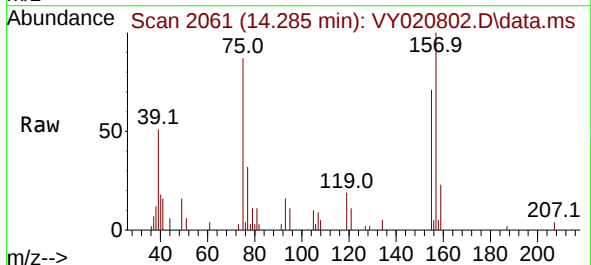
Instrument :
MSVOA_Y
ClientSampleId :

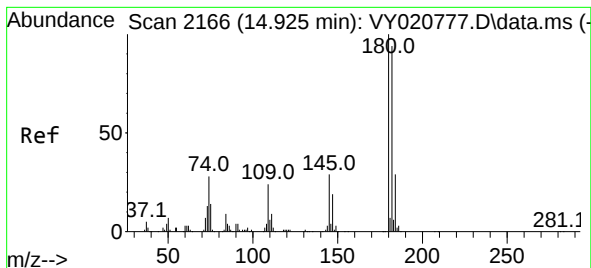
Tgt Ion:146 Resp: 70861
Ion Ratio Lower Upper
146 100
111 40.4 20.0 60.0
148 64.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.332 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY020802.D
Acq: 08 Jan 2025 11:19

Tgt Ion: 75 Resp: 4563
Ion Ratio Lower Upper
75 100
155 91.8 45.5 136.5
157 115.4 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 19.569 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

Instrument :

MSVOA_Y

ClientSampleId :

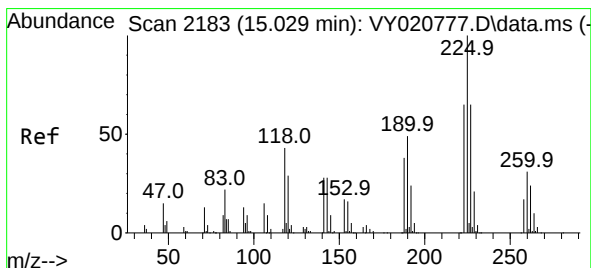
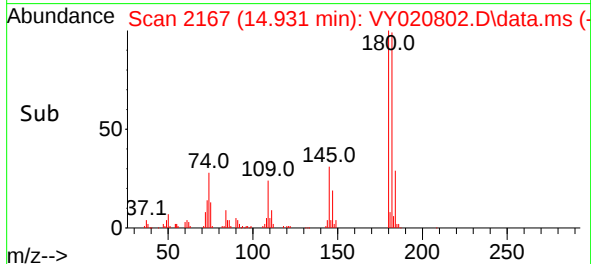
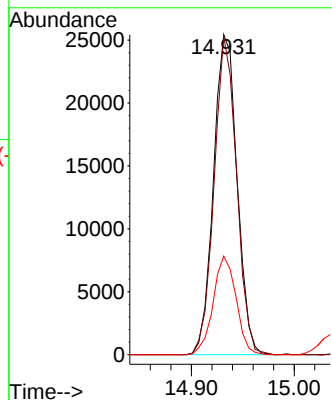
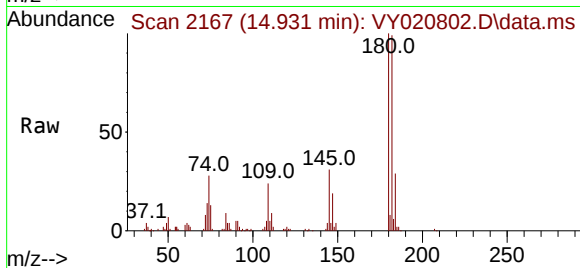
Tgt Ion:180 Resp: 40397

Ion Ratio Lower Upper

180 100

182 94.7 47.6 142.9

145 30.0 15.0 45.1



#94

Hexachlorobutadiene

Concen: 19.087 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

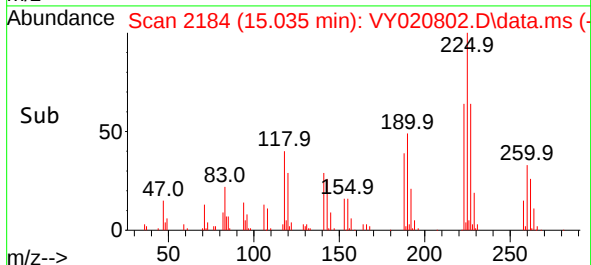
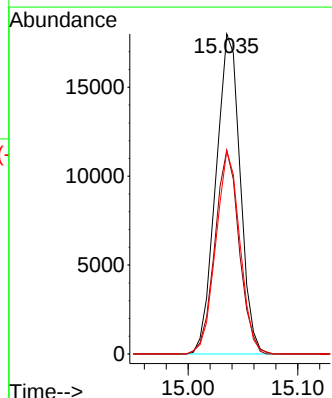
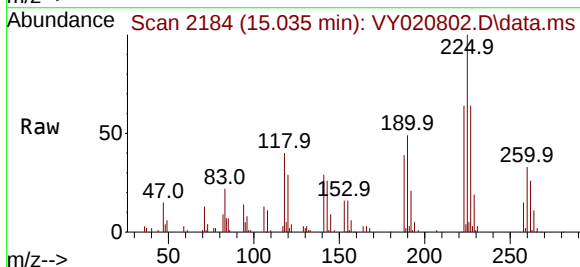
Tgt Ion:225 Resp: 27777

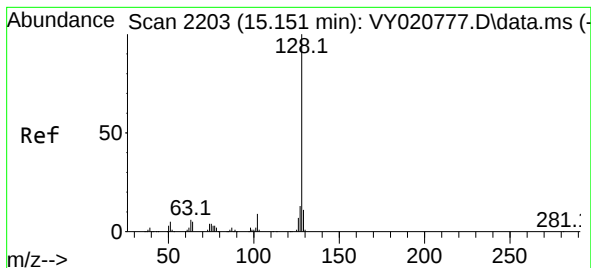
Ion Ratio Lower Upper

225 100

223 63.3 31.6 94.8

227 62.8 32.2 96.6





#95

Naphthalene

Concen: 19.330 ug/l

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

Instrument :

MSVOA_Y

ClientSampleId :

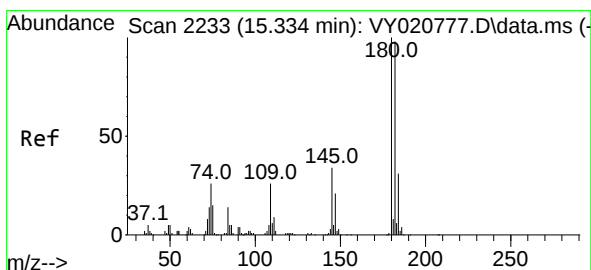
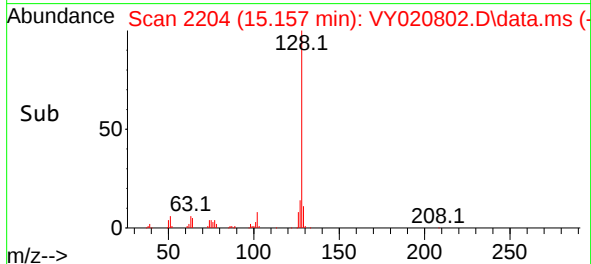
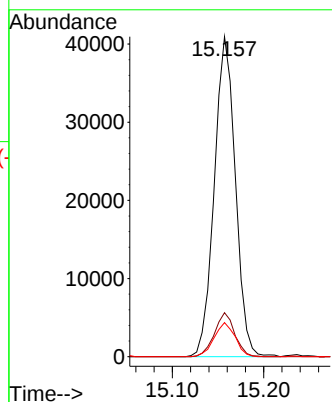
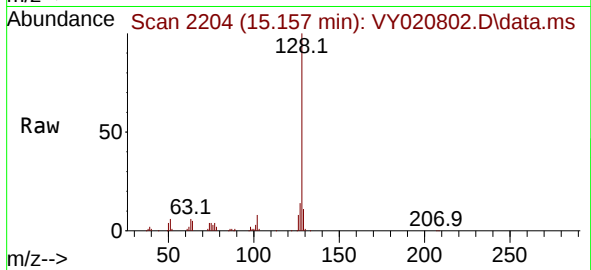
Tgt Ion:128 Resp: 65675

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.352 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY020802.D

Acq: 08 Jan 2025 11:19

Tgt Ion:180 Resp: 33469

Ion Ratio Lower Upper

180 100

182 94.7 48.1 144.3

145 31.9 16.1 48.2

