

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011425\
 Data File : VY020820.D
 Acq On : 14 Jan 2025 14:00
 Operator : SY/MD
 Sample : Q1076-01RE
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 15 03:29:23 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

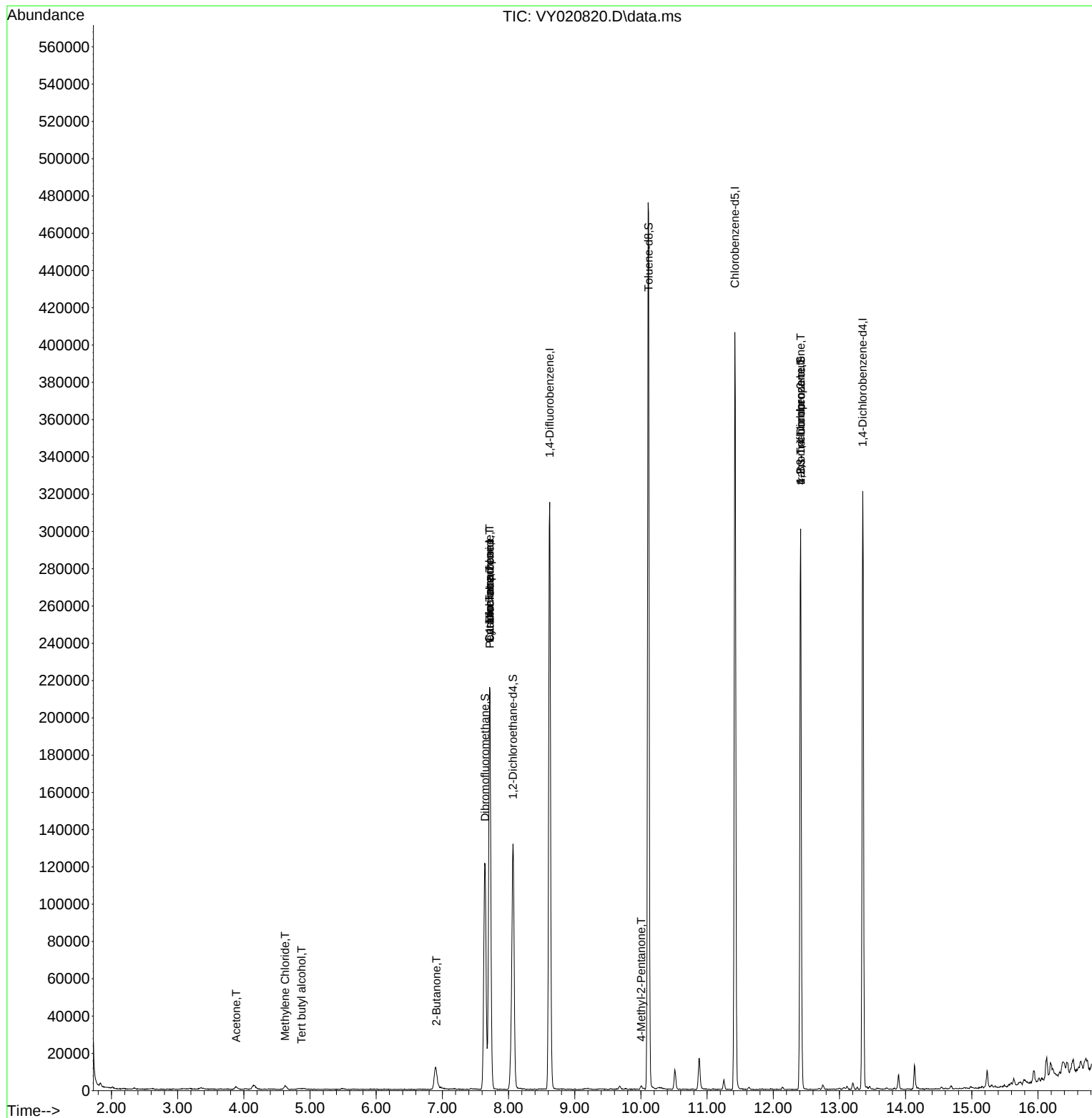
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

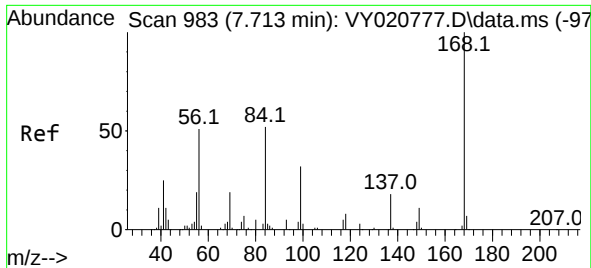
Internal Standards						
1) Pentafluorobenzene	7.719	168	174102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	284065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	228405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	86300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	98048	66.257	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.520%			
35) Dibromofluoromethane	7.646	113	90153	50.658	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.320%			
50) Toluene-d8	10.115	98	319947	51.572	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.140%			
62) 4-Bromofluorobenzene	12.414	95	92123	40.211	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 80.420%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.872	59	1215	10.866	ug/l #	73
16) Acetone	3.885	43	2646	12.574	ug/l #	86
20) Methylene Chloride	4.622	84	1507	1.037	ug/l #	87
25) 2-Butanone	6.909	43	1563	4.522	ug/l #	86
31) Cyclohexane	7.713	56	3091	1.435	ug/l #	3
36) 1,1-Dichloropropene	7.713	75	12100	5.331	ug/l #	45
38) Carbon Tetrachloride	7.713	117	16890	5.345	ug/l #	16
51) 4-Methyl-2-Pentanone	10.006	43	1422	1.549	ug/l	89
76) 1,2,3-Trichloropropane	12.414	75	46197	61.179	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	46197	128.999	ug/l #	14

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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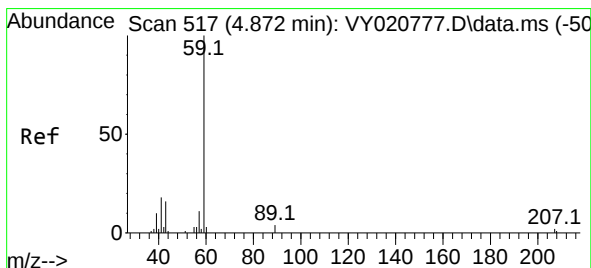
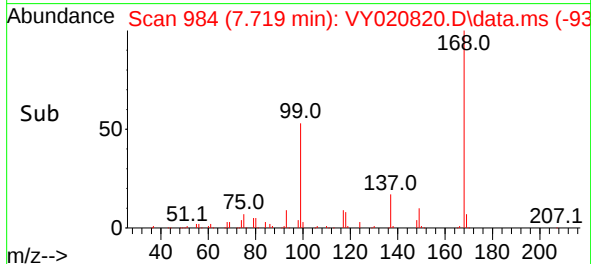
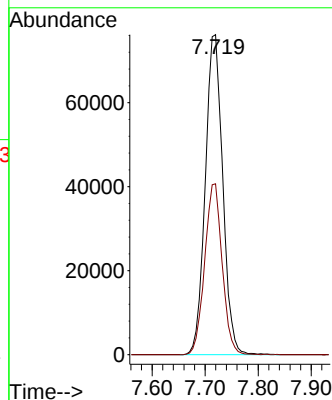
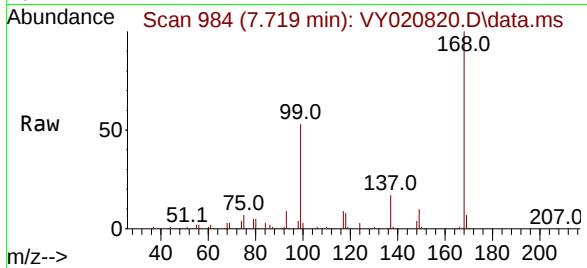
Quant Time: Jan 15 03:29:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration





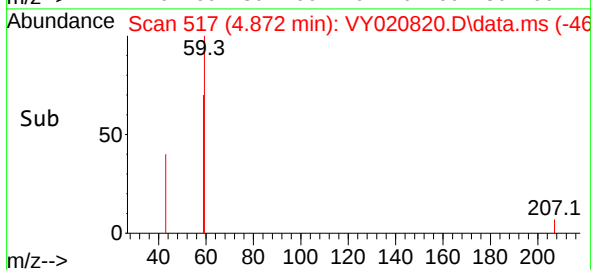
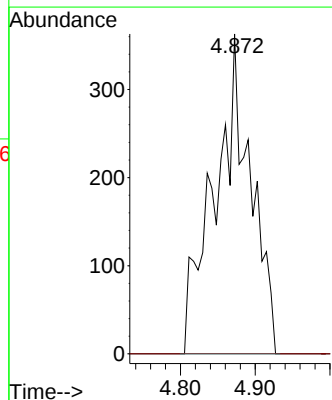
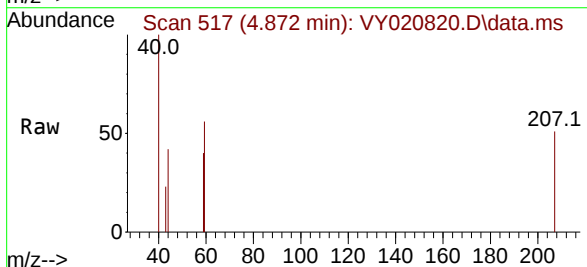
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY020820.D
Acq: 14 Jan 2025 14:00

Tgt Ion:168 Resp: 174102
Ion Ratio Lower Upper
168 100
99 53.4 44.3 66.5



#11
Tert butyl alcohol
Concen: 10.866 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY020820.D
Acq: 14 Jan 2025 14:00

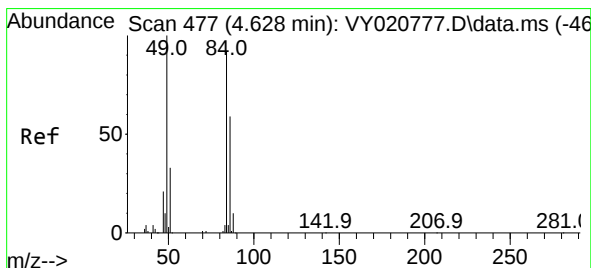
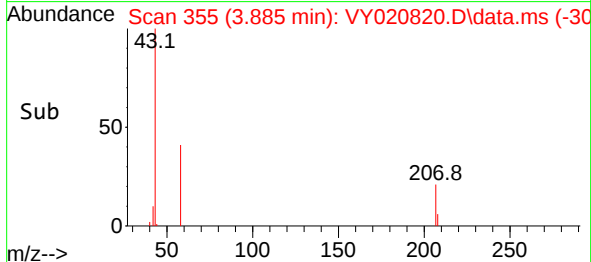
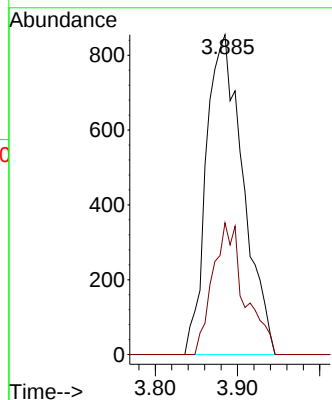
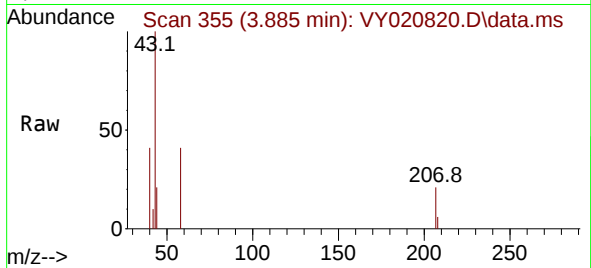
Tgt Ion: 59 Resp: 1215
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





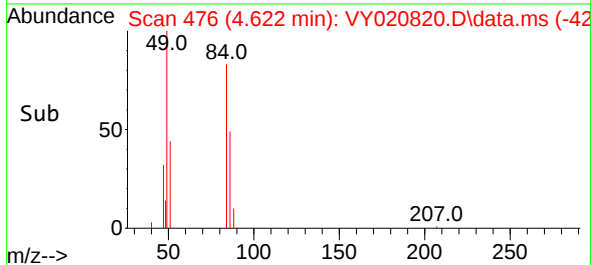
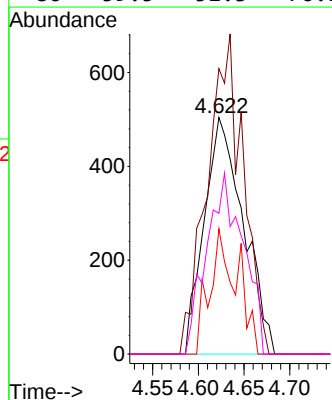
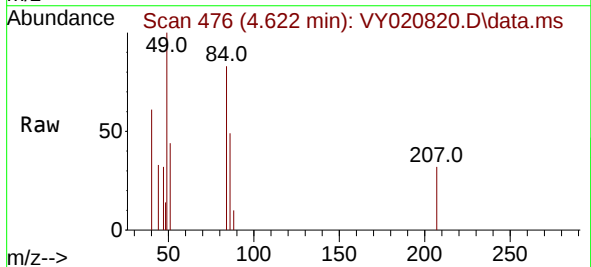
#16
Acetone
Concen: 12.574 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY020820.D
Acq: 14 Jan 2025 14:00

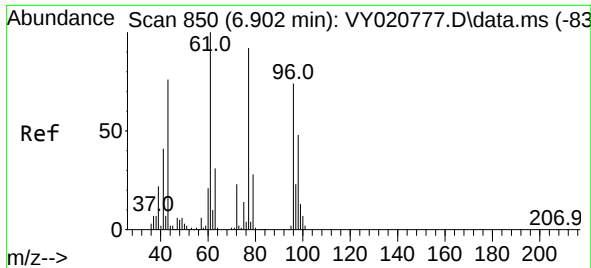
Tgt Ion: 43 Resp: 2646
Ion Ratio Lower Upper
43 100
58 41.2 26.7 40.1#



#20
Methylene Chloride
Concen: 1.037 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY020820.D
Acq: 14 Jan 2025 14:00

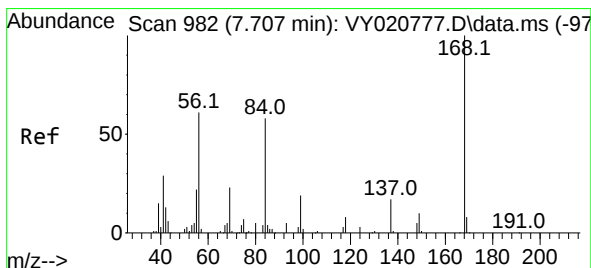
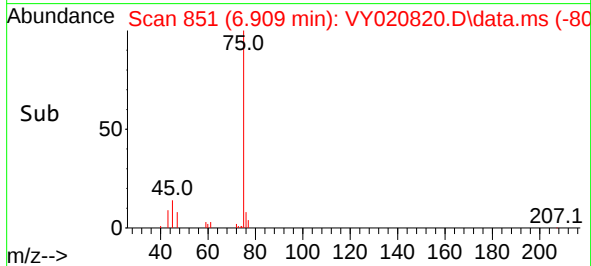
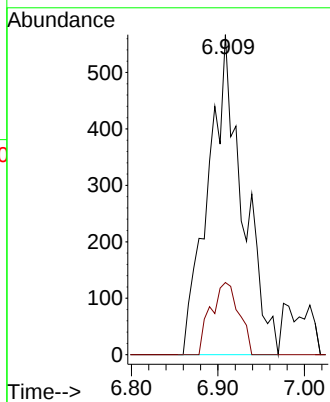
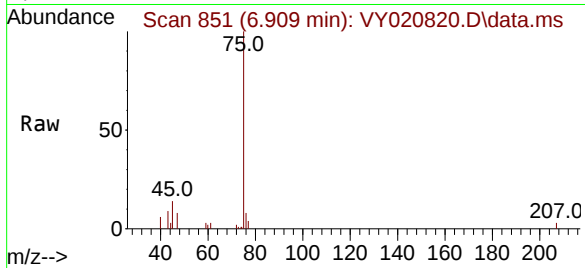
Tgt Ion: 84 Resp: 1507
Ion Ratio Lower Upper
84 100
49 120.6 86.7 130.1
51 53.0 28.4 42.6#
86 59.5 51.3 76.9





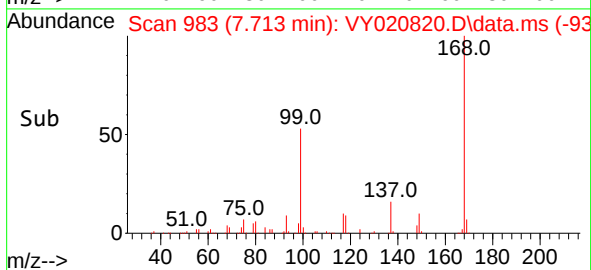
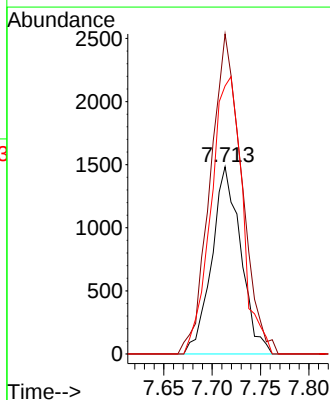
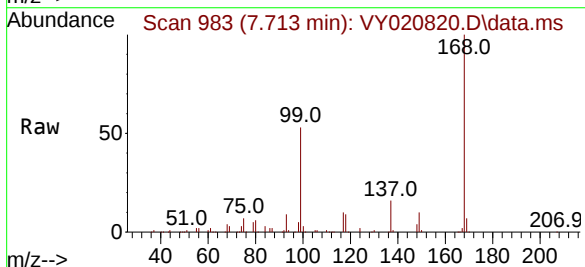
#25
2-Butanone
Concen: 4.522 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY020820.D
Acq: 14 Jan 2025 14:00

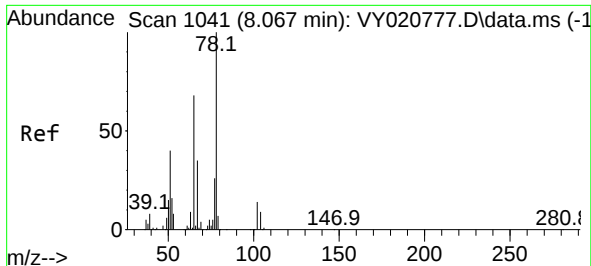
Tgt Ion: 43 Resp: 1563
Ion Ratio Lower Upper
43 100
72 22.6 24.0 36.0#



#31
Cyclohexane
Concen: 1.435 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY020820.D
Acq: 14 Jan 2025 14:00

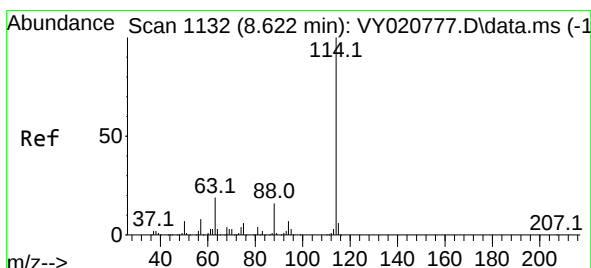
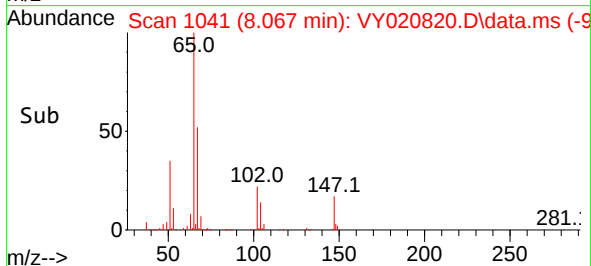
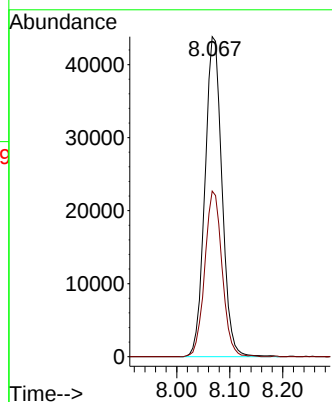
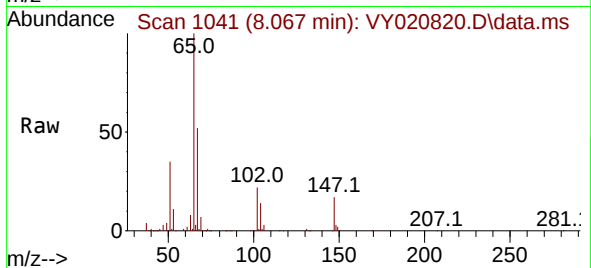
Tgt Ion: 56 Resp: 3091
Ion Ratio Lower Upper
56 100
69 171.0 30.5 45.7#
84 143.2 76.6 115.0#





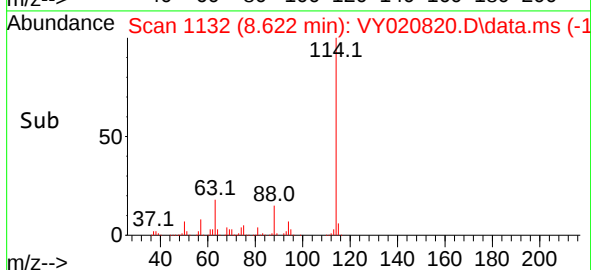
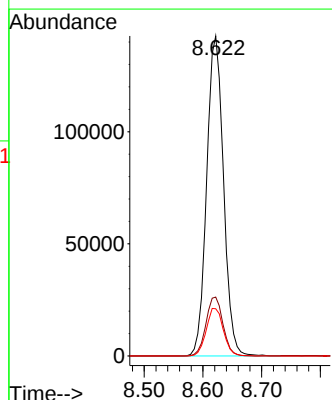
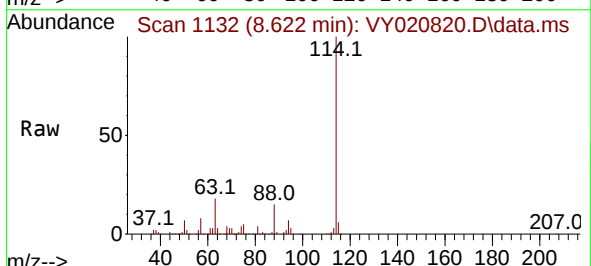
#33
1,2-Dichloroethane-d4
Concen: 66.257 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020820.D
Acq: 14 Jan 2025 14:00

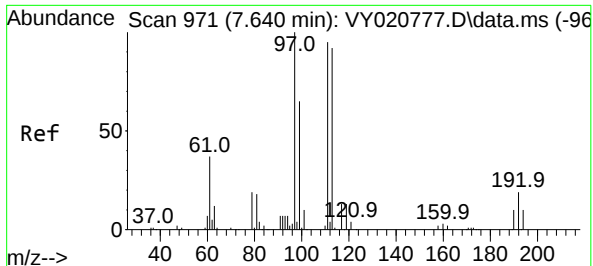
Tgt Ion: 65 Resp: 98048
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY020820.D
Acq: 14 Jan 2025 14:00

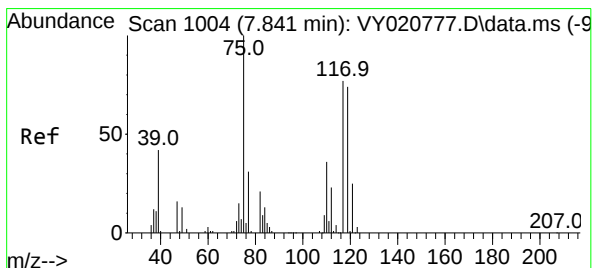
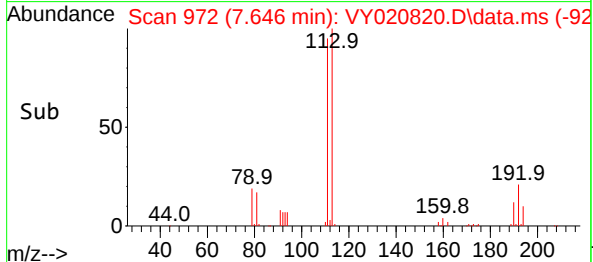
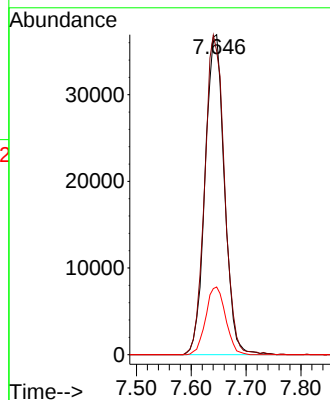
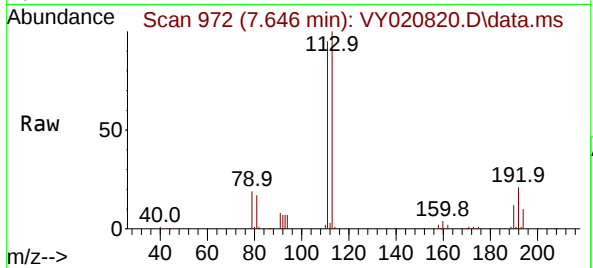
Tgt Ion: 114 Resp: 284065
Ion Ratio Lower Upper
114 100
63 18.4 0.0 38.4
88 14.7 0.0 31.2





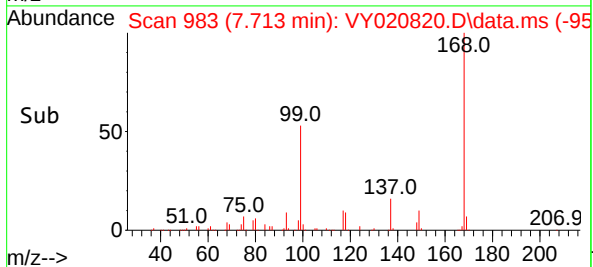
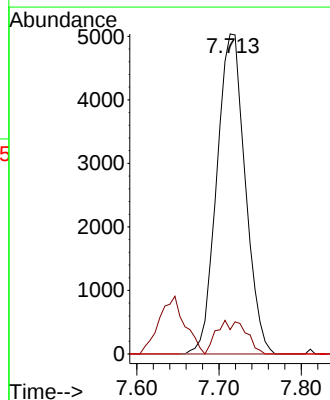
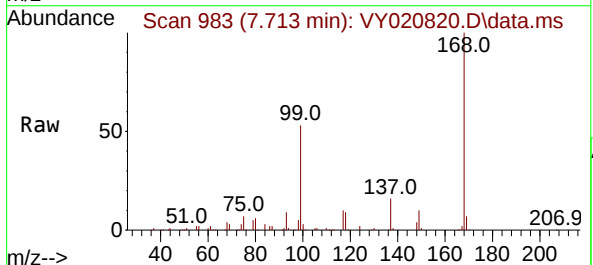
#35
Dibromofluoromethane
Concen: 50.658 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY020820.D
Acq: 14 Jan 2025 14:00

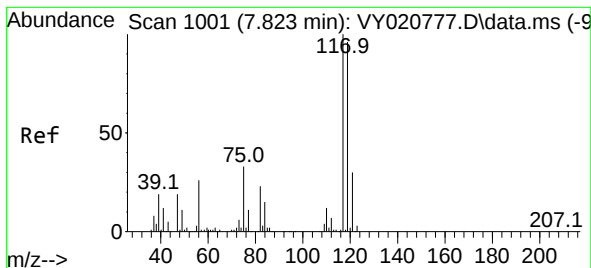
Tgt Ion:113 Resp: 90153
Ion Ratio Lower Upper
113 100
111 102.0 81.7 122.5
192 21.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.331 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020820.D
Acq: 14 Jan 2025 14:00

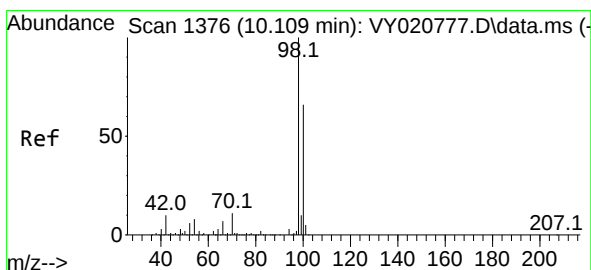
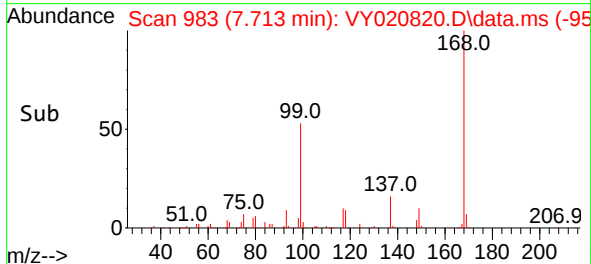
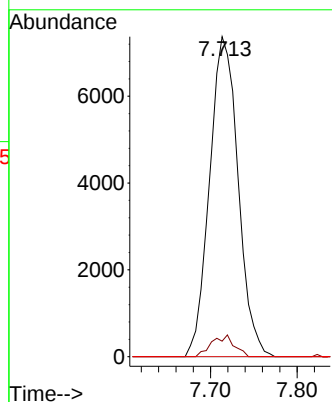
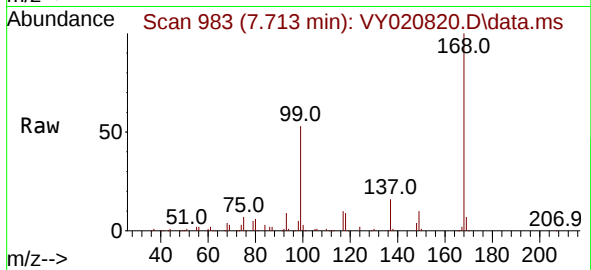
Tgt Ion: 75 Resp: 12100
Ion Ratio Lower Upper
75 100
110 5.5 18.5 55.5#
77 0.0 25.0 37.4#





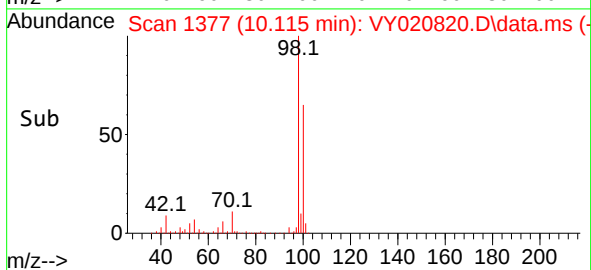
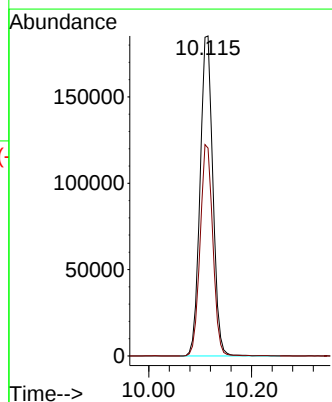
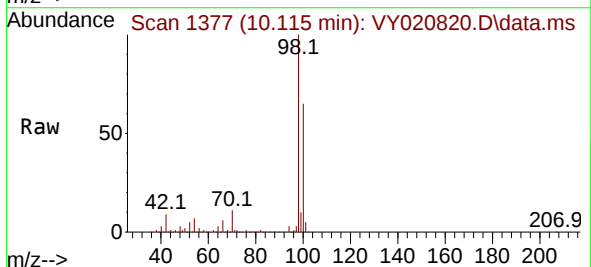
#38
Carbon Tetrachloride
Concen: 5.345 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY020820.D
Acq: 14 Jan 2025 14:00

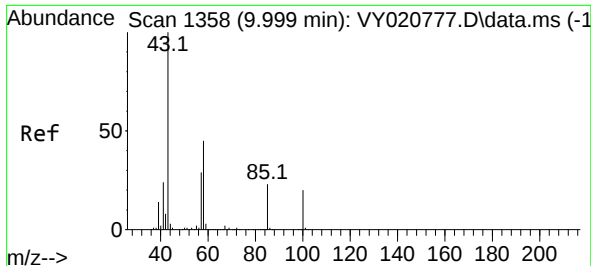
Tgt Ion:117 Resp: 16890
Ion Ratio Lower Upper
117 100
119 4.9 76.5 114.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 51.572 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020820.D
Acq: 14 Jan 2025 14:00

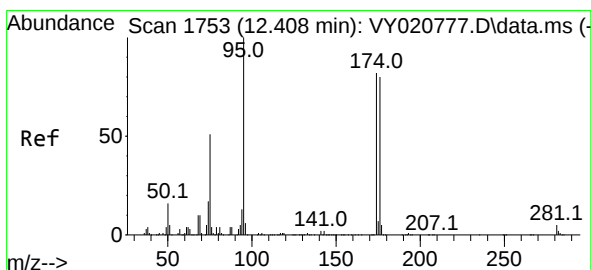
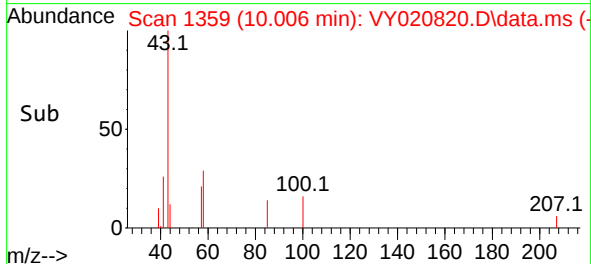
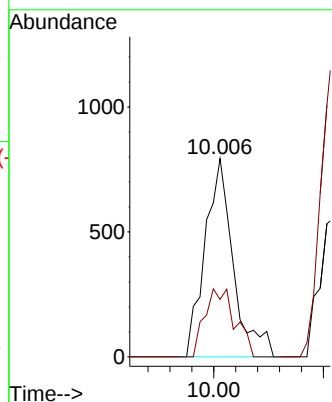
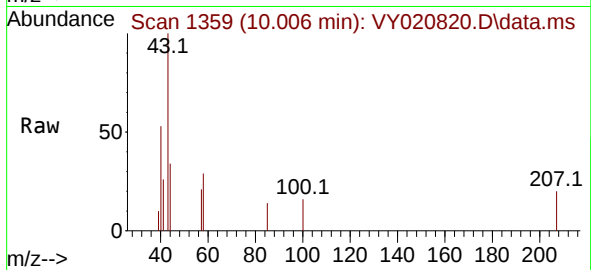
Tgt Ion: 98 Resp: 319947
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7





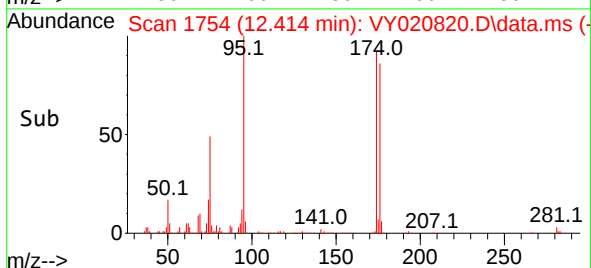
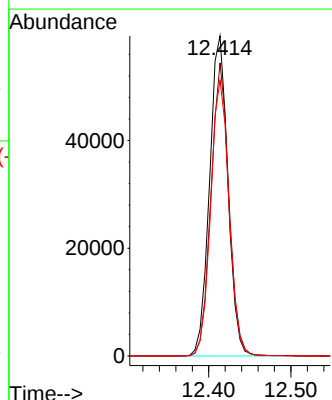
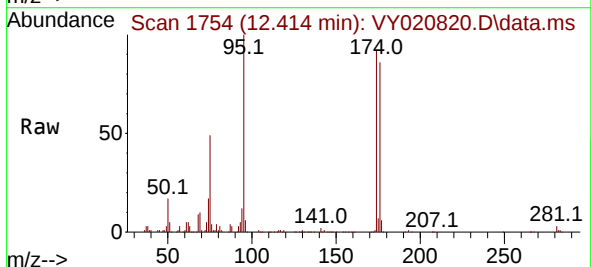
#51
4-Methyl-2-Pentanone
Concen: 1.549 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY020820.D
Acq: 14 Jan 2025 14:00

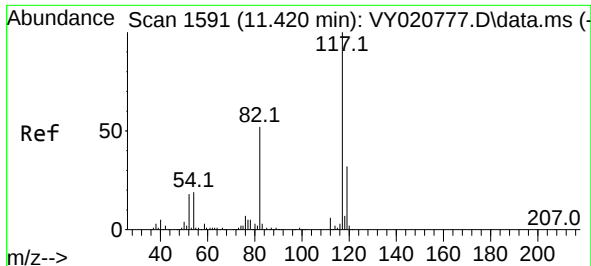
Tgt Ion: 43 Resp: 1422
Ion Ratio Lower Upper
43 100
58 36.7 34.8 52.2



#62
4-Bromofluorobenzene
Concen: 40.211 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020820.D
Acq: 14 Jan 2025 14:00

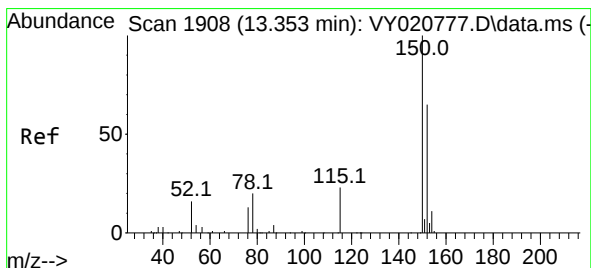
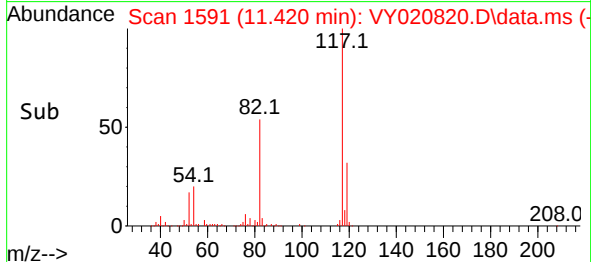
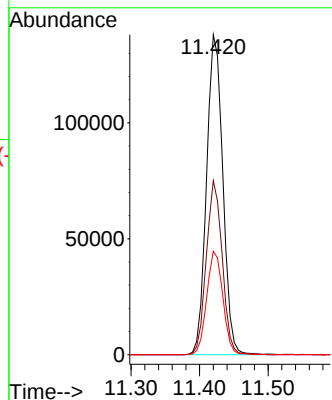
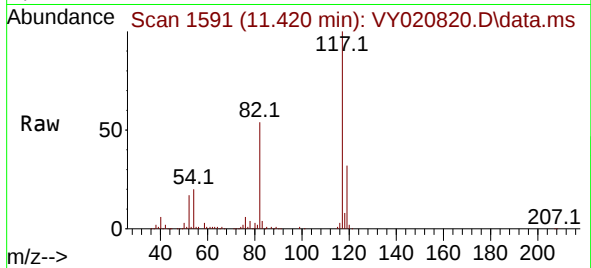
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Ion Ratio Lower Upper
95 100
174 89.8 0.0 178.0
176 86.1 0.0 172.0





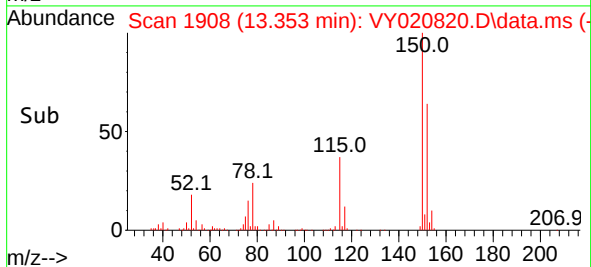
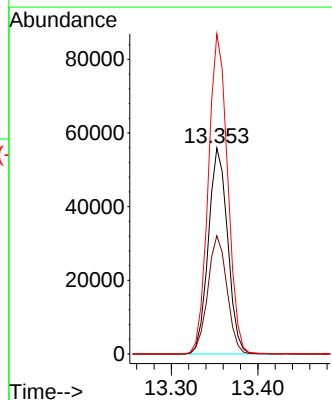
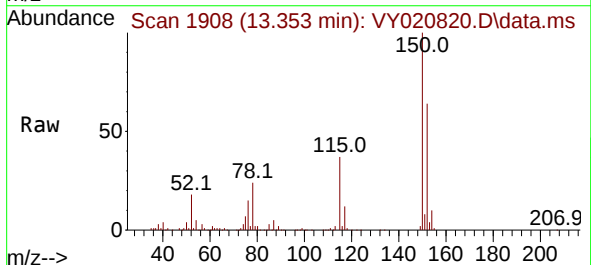
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020820.D
Acq: 14 Jan 2025 14:00

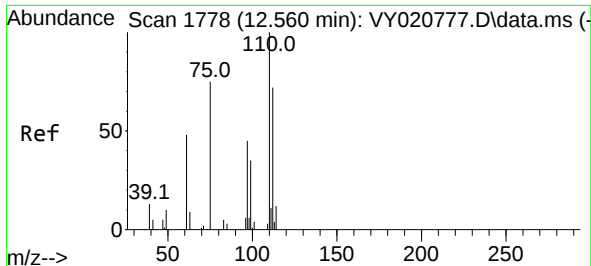
Tgt Ion:	117	Resp:	228405
Ion Ratio	Lower	Upper	
117	100		
82	54.4	41.8	62.6
119	32.3	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY020820.D
Acq: 14 Jan 2025 14:00

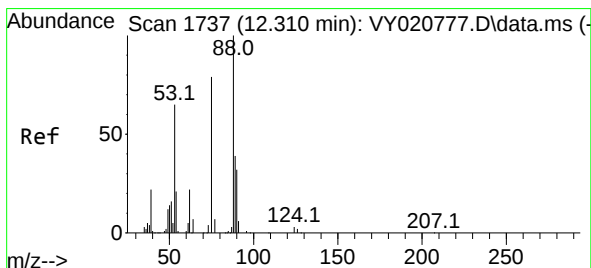
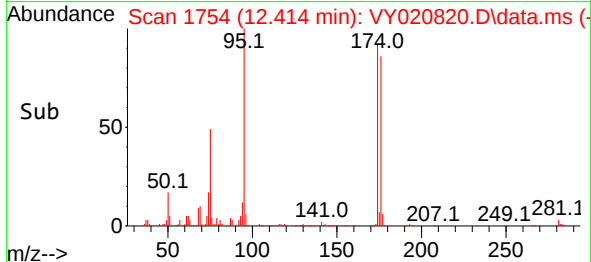
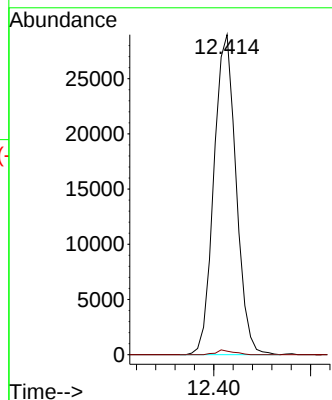
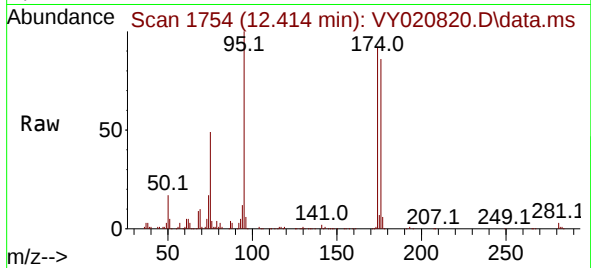
Tgt Ion:	152	Resp:	86300
Ion Ratio	Lower	Upper	
152	100		
115	57.4	29.0	87.0
150	156.0	0.0	347.4





#76
1,2,3-Trichloropropane
Concen: 61.179 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY020820.D
Acq: 14 Jan 2025 14:00

Tgt Ion: 75 Resp: 46197
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.999 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.104 min
Lab File: VY020820.D
Acq: 14 Jan 2025 14:00

Tgt Ion: 75 Resp: 46197
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.0#
89 0.0 39.6 59.4#

