

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011425\
 Data File : VY020816.D
 Acq On : 14 Jan 2025 12:10
 Operator : SY/MD
 Sample : Q1076-01
 Misc : 4.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 15 03:27:49 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

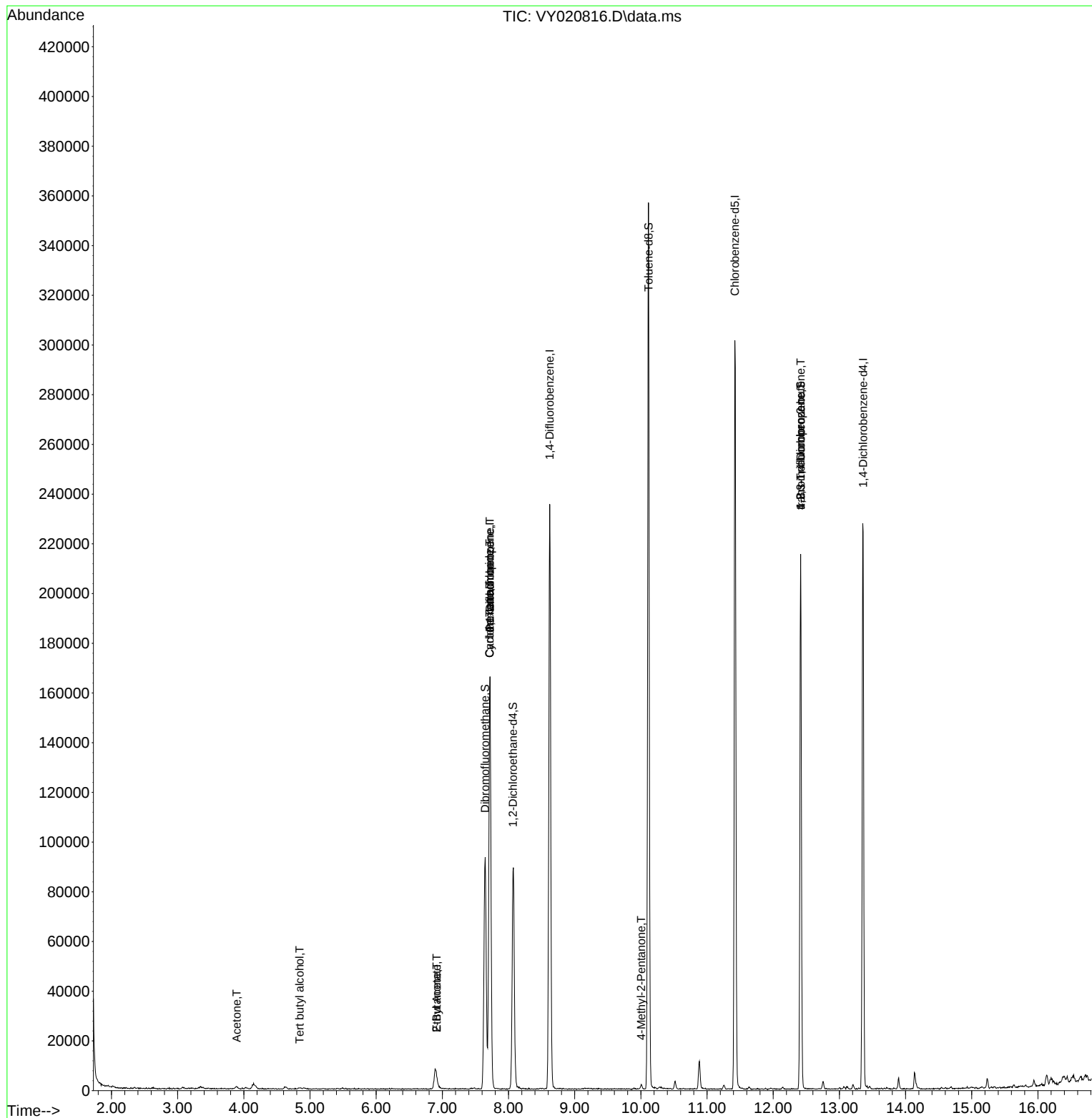
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

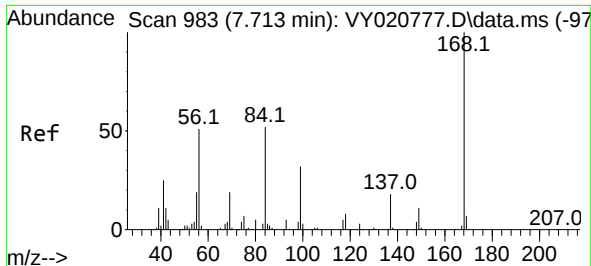
Internal Standards						
1) Pentafluorobenzene	7.719	168	131430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	209372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	171471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	62473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	74163	66.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.780%	
35) Dibromofluoromethane	7.646	113	67595	51.532	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.060%	
50) Toluene-d8	10.115	98	237028	51.837	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.680%	
62) 4-Bromofluorobenzene	12.414	95	66715	39.509	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 79.020%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.842	59	698	8.269	ug/l #	73
16) Acetone	3.891	43	1664	10.475	ug/l	92
25) 2-Butanone	6.915	43	1079	4.135	ug/l #	45
31) Cyclohexane	7.713	56	2145	1.320	ug/l #	1
36) 1,1-Dichloropropene	7.719	75	8770	5.242	ug/l #	50
37) Ethyl Acetate	6.915	43	1079	1.621	ug/l #	66
38) Carbon Tetrachloride	7.713	117	12938	5.555	ug/l #	16
51) 4-Methyl-2-Pentanone	10.006	43	1257	1.858	ug/l	98
76) 1,2,3-Trichloropropane	12.414	75	34009	62.216	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	34009	131.185	ug/l #	14

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

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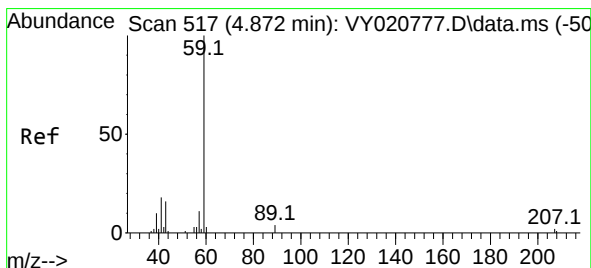
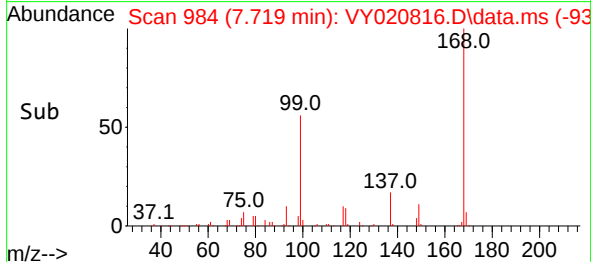
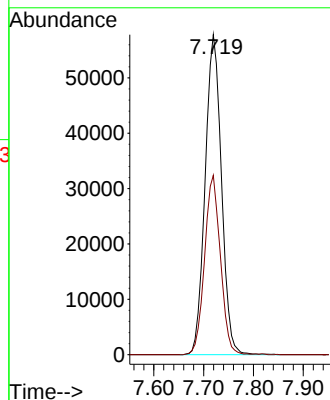
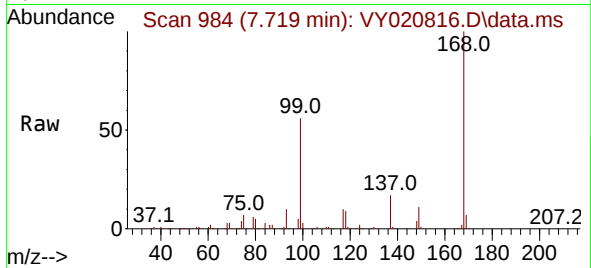
Quant Time: Jan 15 03:27:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration





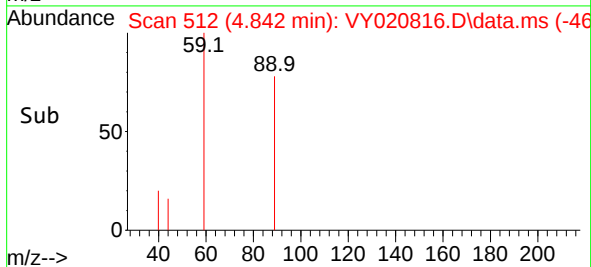
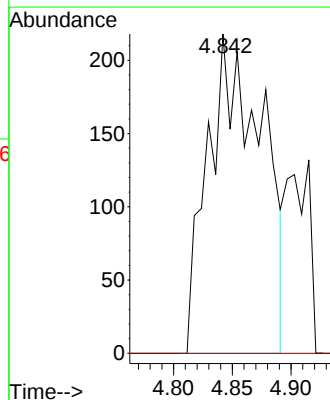
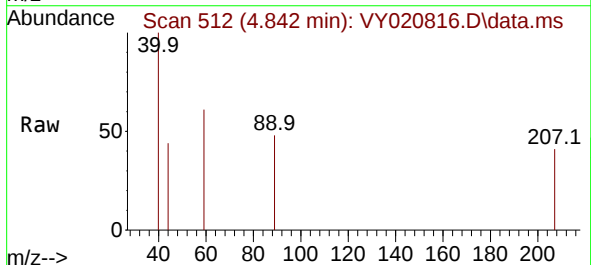
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

Tgt Ion:168 Resp: 131430
Ion Ratio Lower Upper
168 100
99 56.1 44.3 66.5



#11
Tert butyl alcohol
Concen: 8.269 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

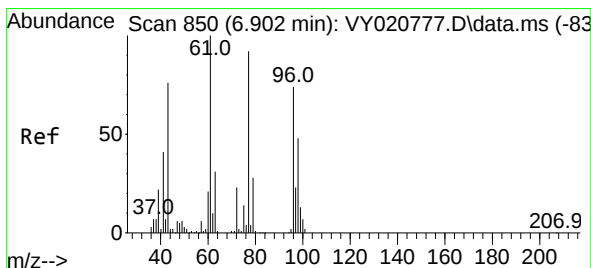
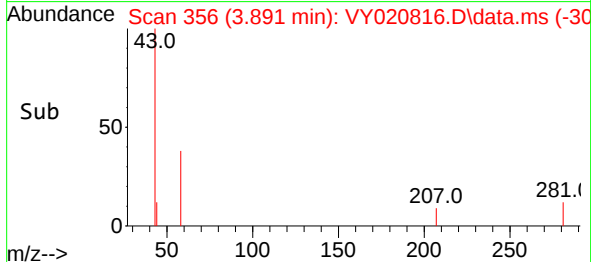
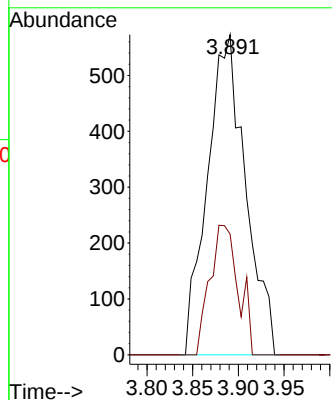
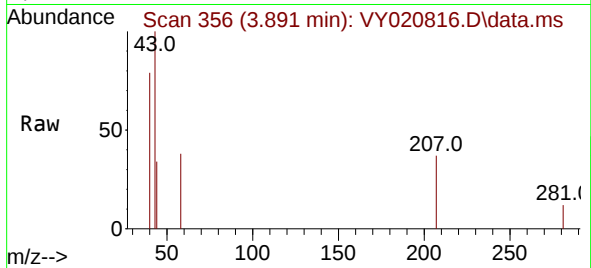
Tgt Ion: 59 Resp: 698
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





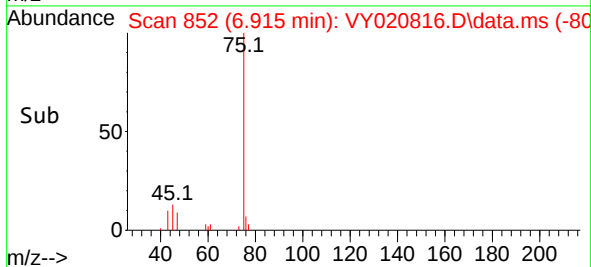
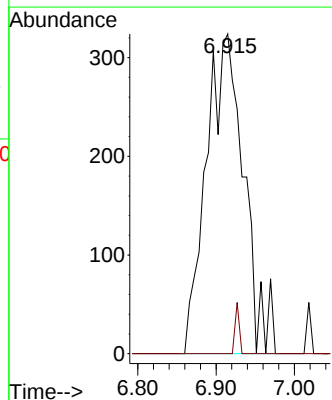
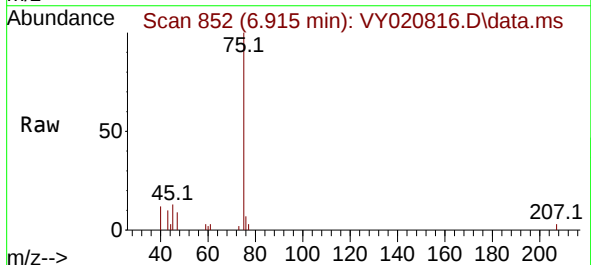
#16
Acetone
Concen: 10.475 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

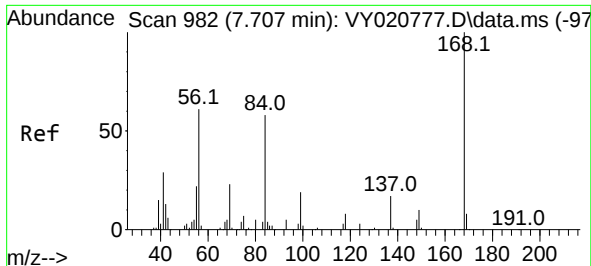
Tgt Ion: 43 Resp: 1664
Ion Ratio Lower Upper
43 100
58 37.7 26.7 40.1



#25
2-Butanone
Concen: 4.135 ug/l
RT: 6.915 min Scan# 852
Delta R.T. 0.012 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

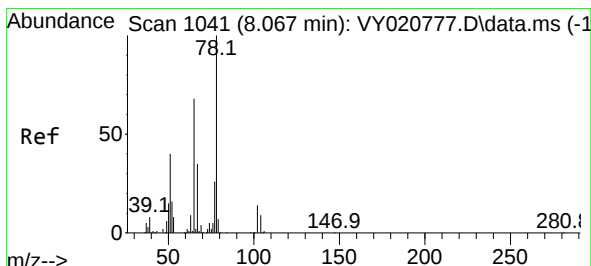
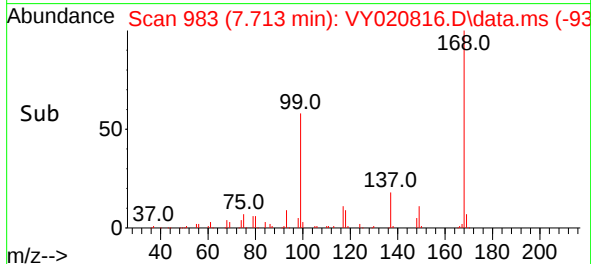
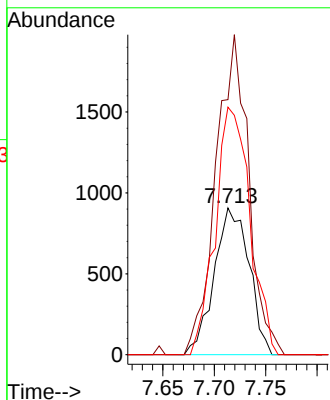
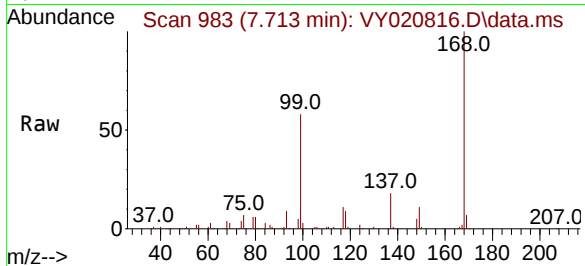
Tgt Ion: 43 Resp: 1079
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#





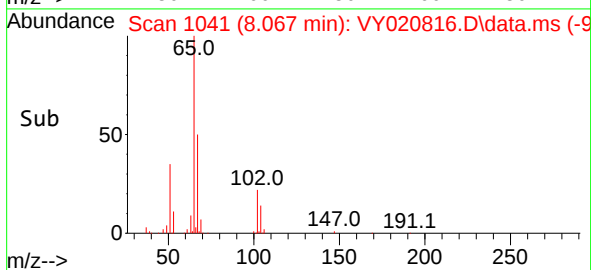
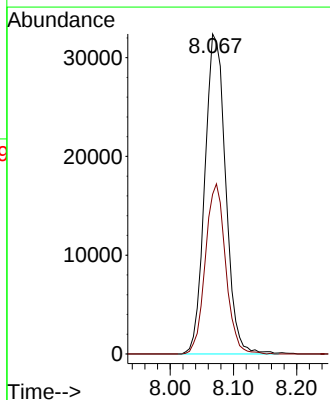
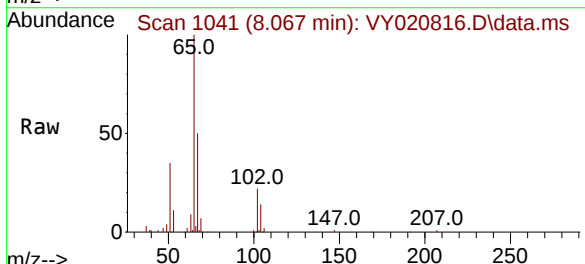
#31
Cyclohexane
Concen: 1.320 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

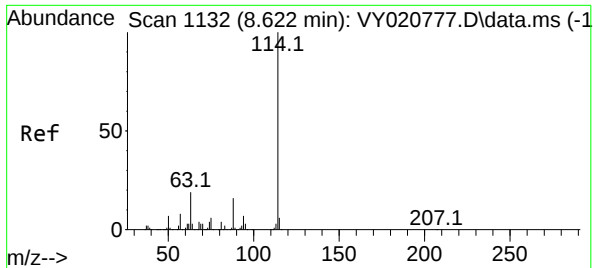
Tgt Ion: 56 Resp: 2145
Ion Ratio Lower Upper
56 100
69 173.9 30.5 45.7#
84 168.7 76.6 115.0#



#33
1,2-Dichloroethane-d4
Concen: 66.388 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

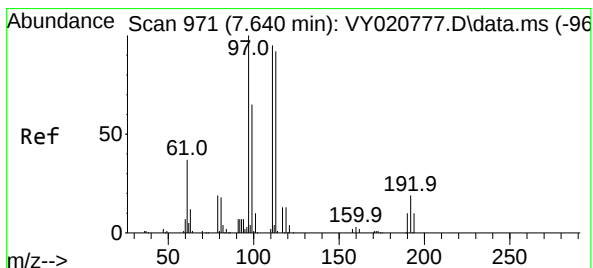
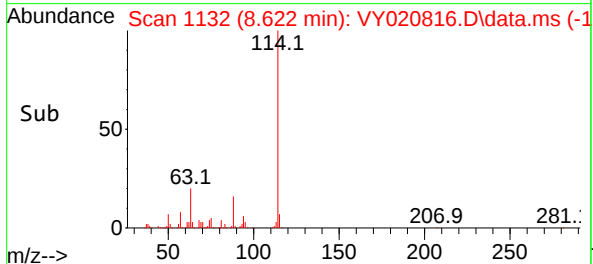
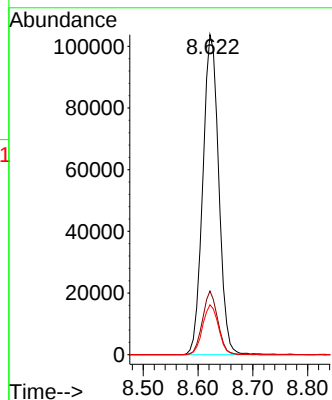
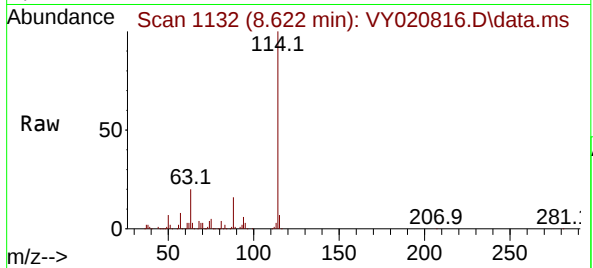
Tgt Ion: 65 Resp: 74163
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.8





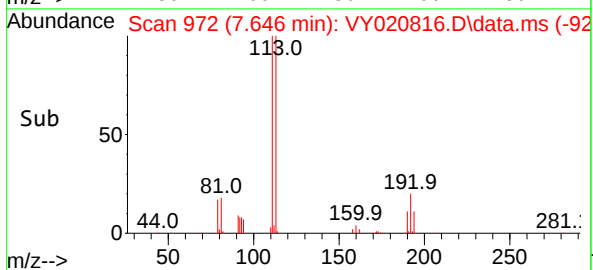
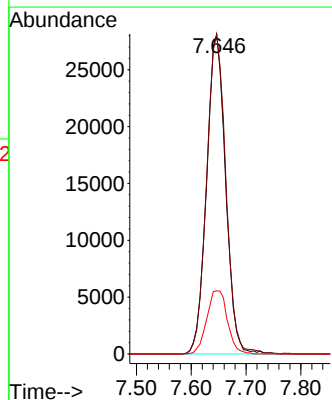
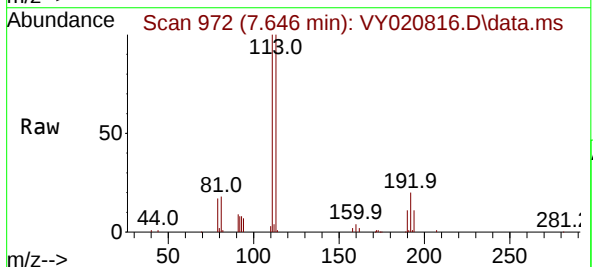
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

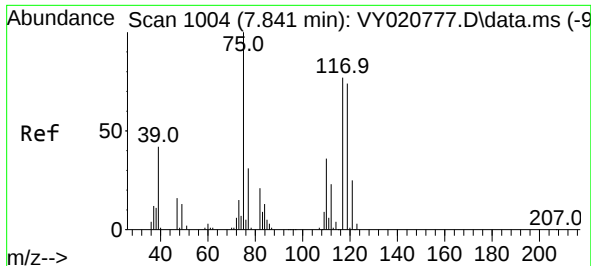
Tgt Ion:	114	Resp:	209372
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.4
88	15.6	0.0	31.2



#35
Dibromofluoromethane
Concen: 51.532 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

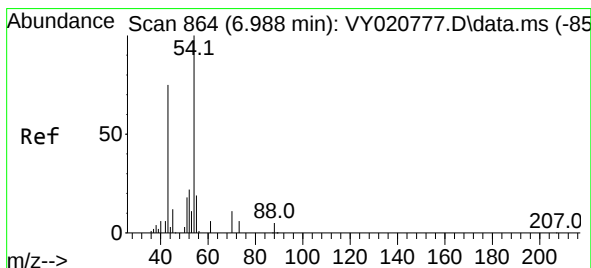
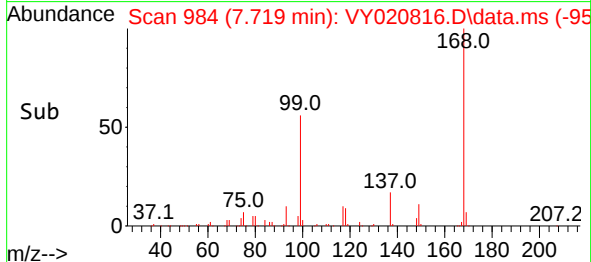
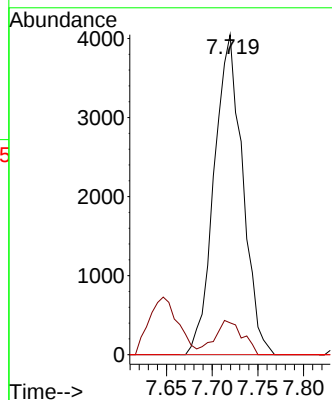
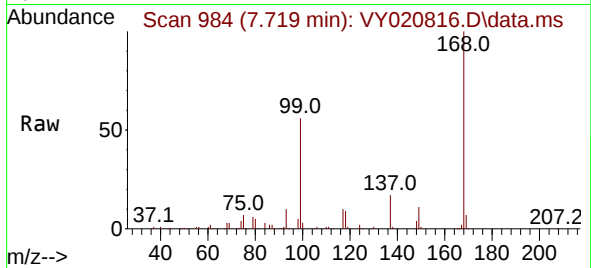
Tgt Ion:	113	Resp:	67595
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.7	122.5
192	21.4	16.7	25.1





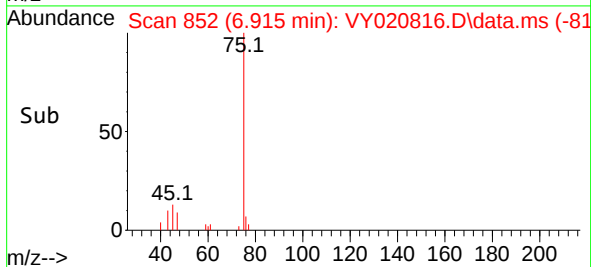
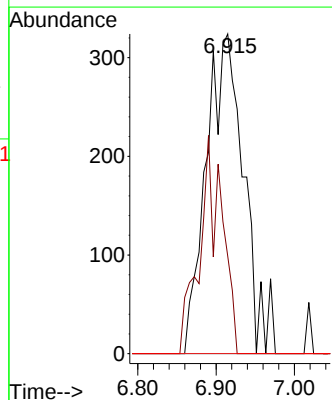
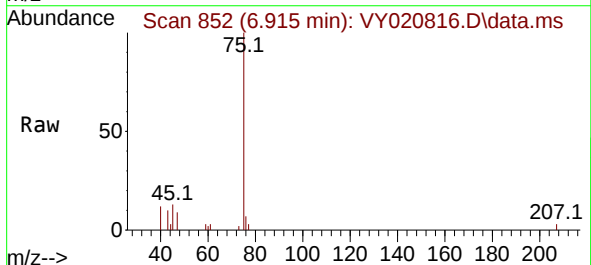
#36
1,1-Dichloropropene
Concen: 5.242 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

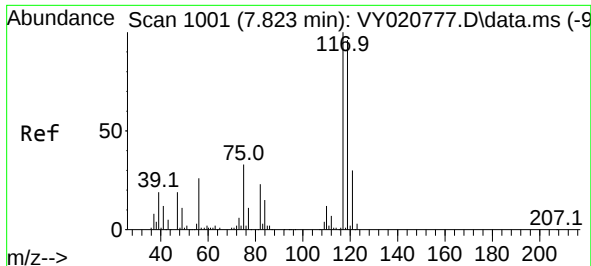
Tgt Ion: 75 Resp: 8770
Ion Ratio Lower Upper
75 100
110 10.5 18.5 55.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.621 ug/l
RT: 6.915 min Scan# 852
Delta R.T. -0.073 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

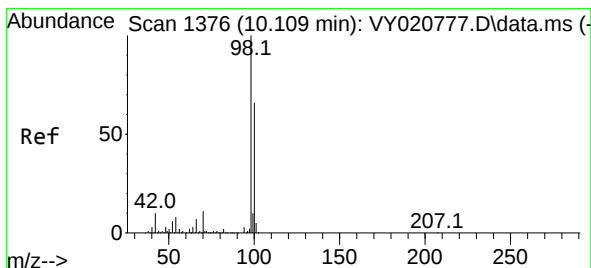
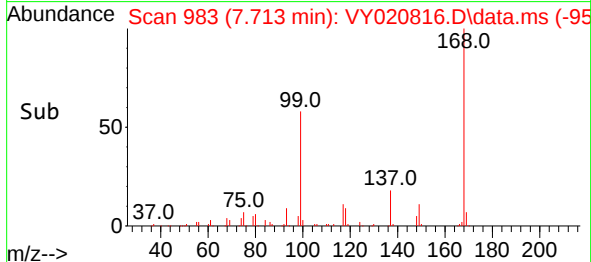
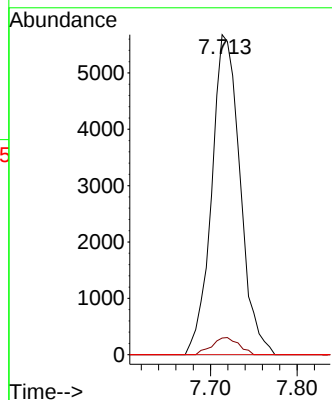
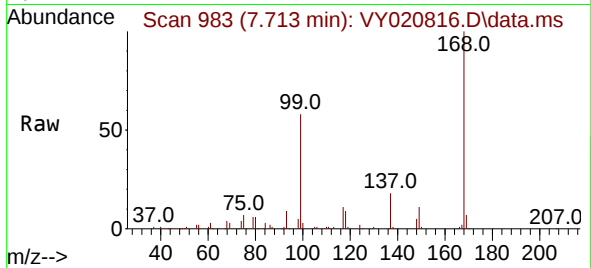
Tgt Ion: 43 Resp: 1079
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.8 14.8#





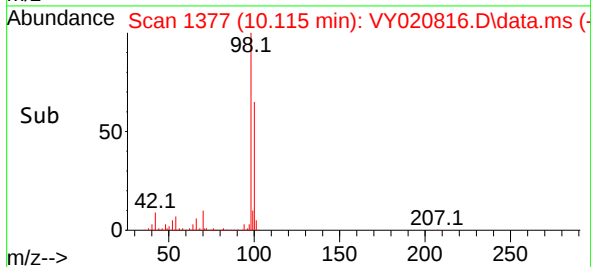
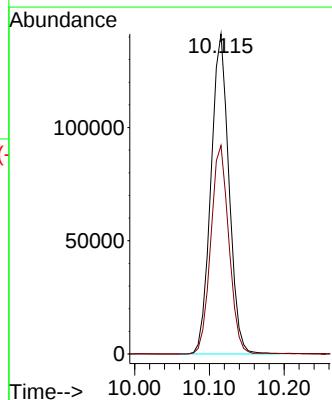
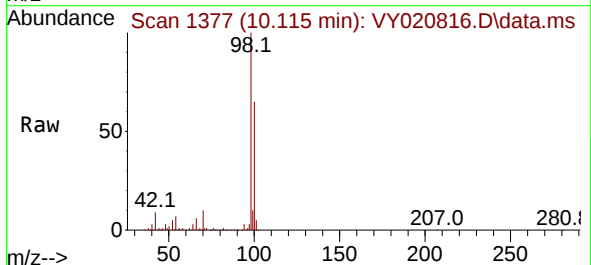
#38
Carbon Tetrachloride
Concen: 5.555 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

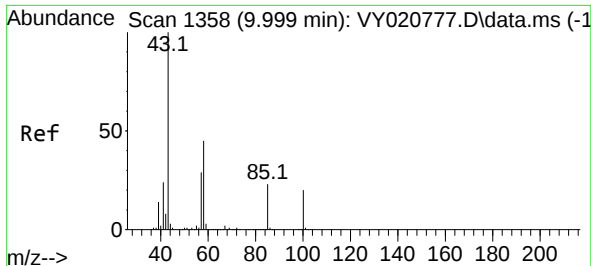
Tgt Ion:117 Resp: 12938
Ion Ratio Lower Upper
117 100
119 5.2 76.5 114.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 51.837 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

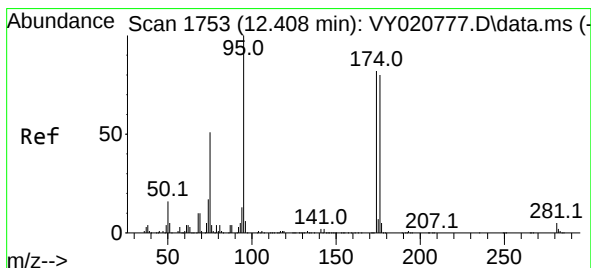
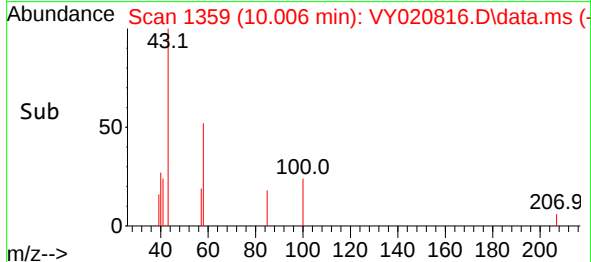
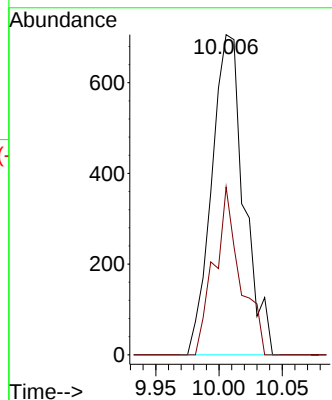
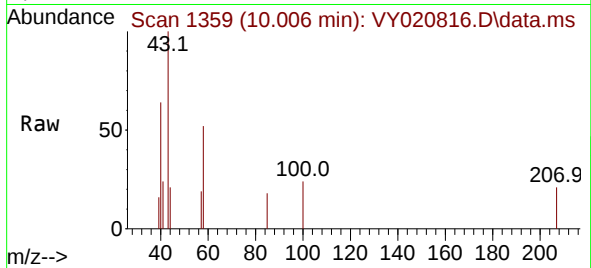
Tgt Ion: 98 Resp: 237028
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7





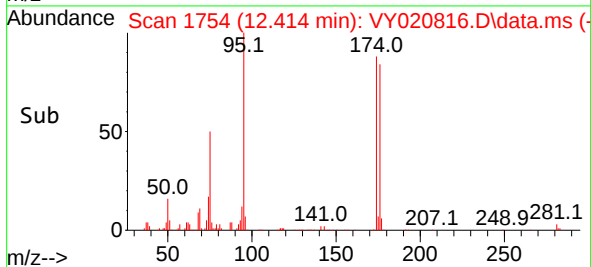
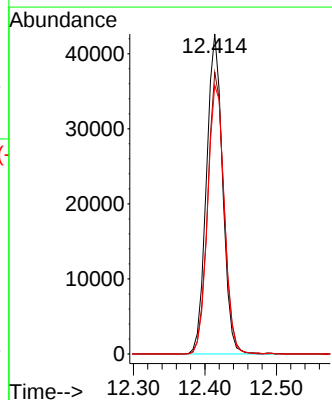
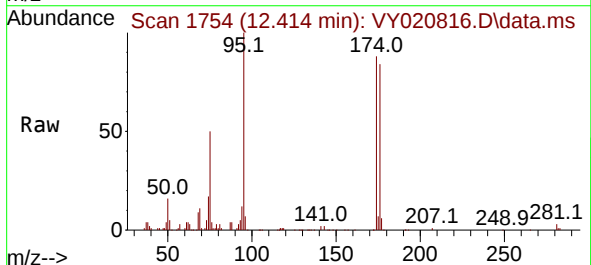
#51
4-Methyl-2-Pentanone
Concen: 1.858 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

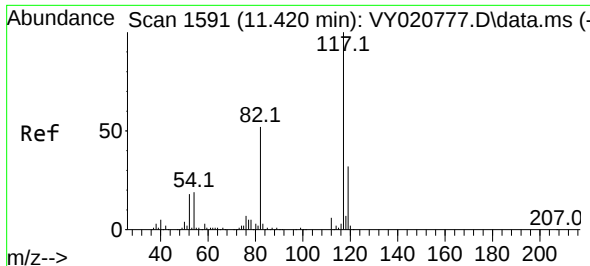
Tgt Ion: 43 Resp: 1257
Ion Ratio Lower Upper
43 100
58 42.2 34.8 52.2



#62
4-Bromofluorobenzene
Concen: 39.509 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

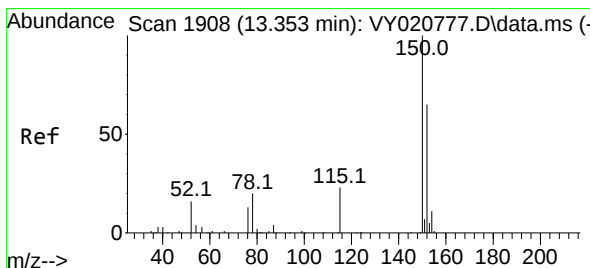
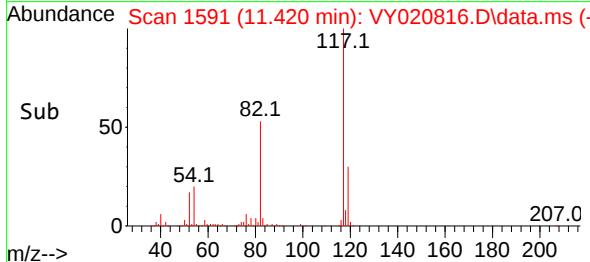
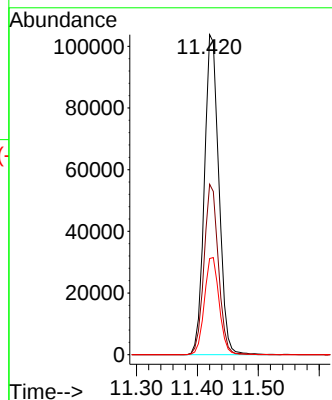
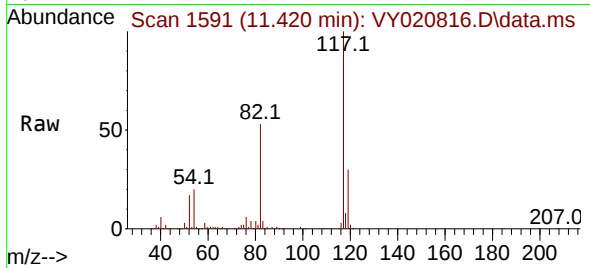
Tgt Ion: 95 Resp: 66715
Ion Ratio Lower Upper
95 100
174 89.1 0.0 178.0
176 86.8 0.0 172.0





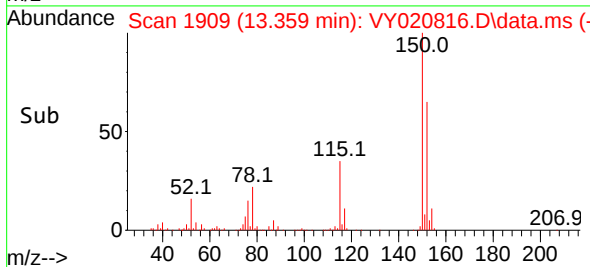
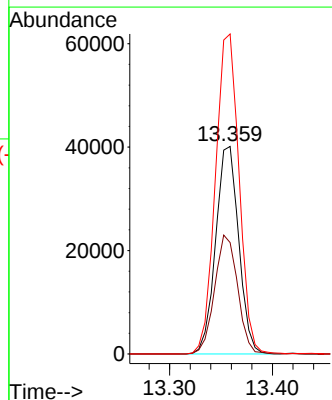
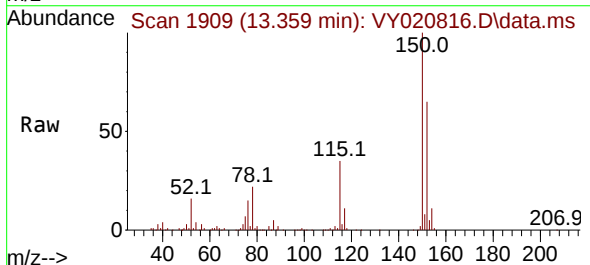
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

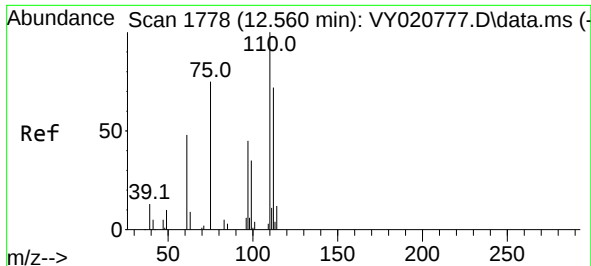
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.8	62.6
119	30.0	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

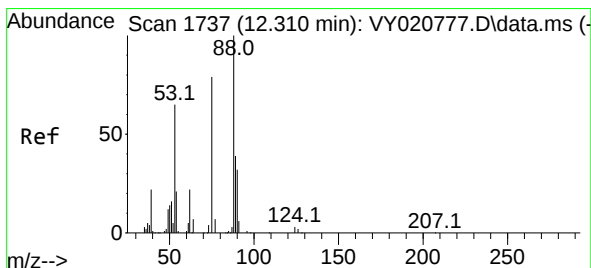
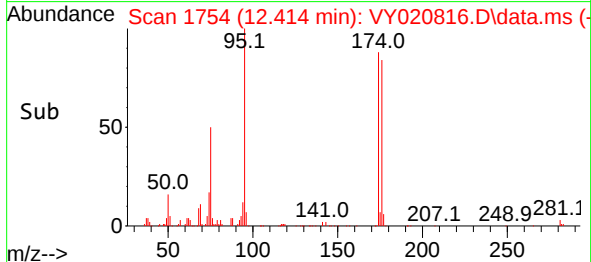
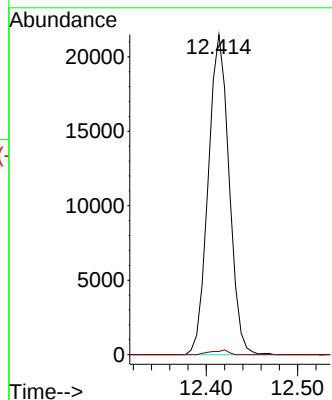
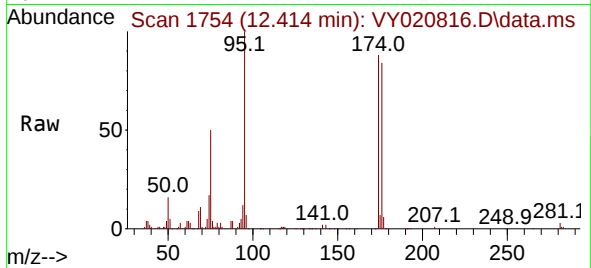
Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	29.0	87.0
150	157.7	0.0	347.4





#76
1,2,3-Trichloropropane
Concen: 62.216 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

Tgt Ion: 75 Resp: 34009
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.185 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.104 min
Lab File: VY020816.D
Acq: 14 Jan 2025 12:10

Tgt Ion: 75 Resp: 34009
Ion Ratio Lower Upper
75 100
53 0.1 69.4 104.0#
89 0.0 39.6 59.4#

