

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011425\
 Data File : VY020815.D
 Acq On : 14 Jan 2025 11:47
 Operator : SY/MD
 Sample : Q1074-01
 Misc : 4.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 15 03:27:26 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

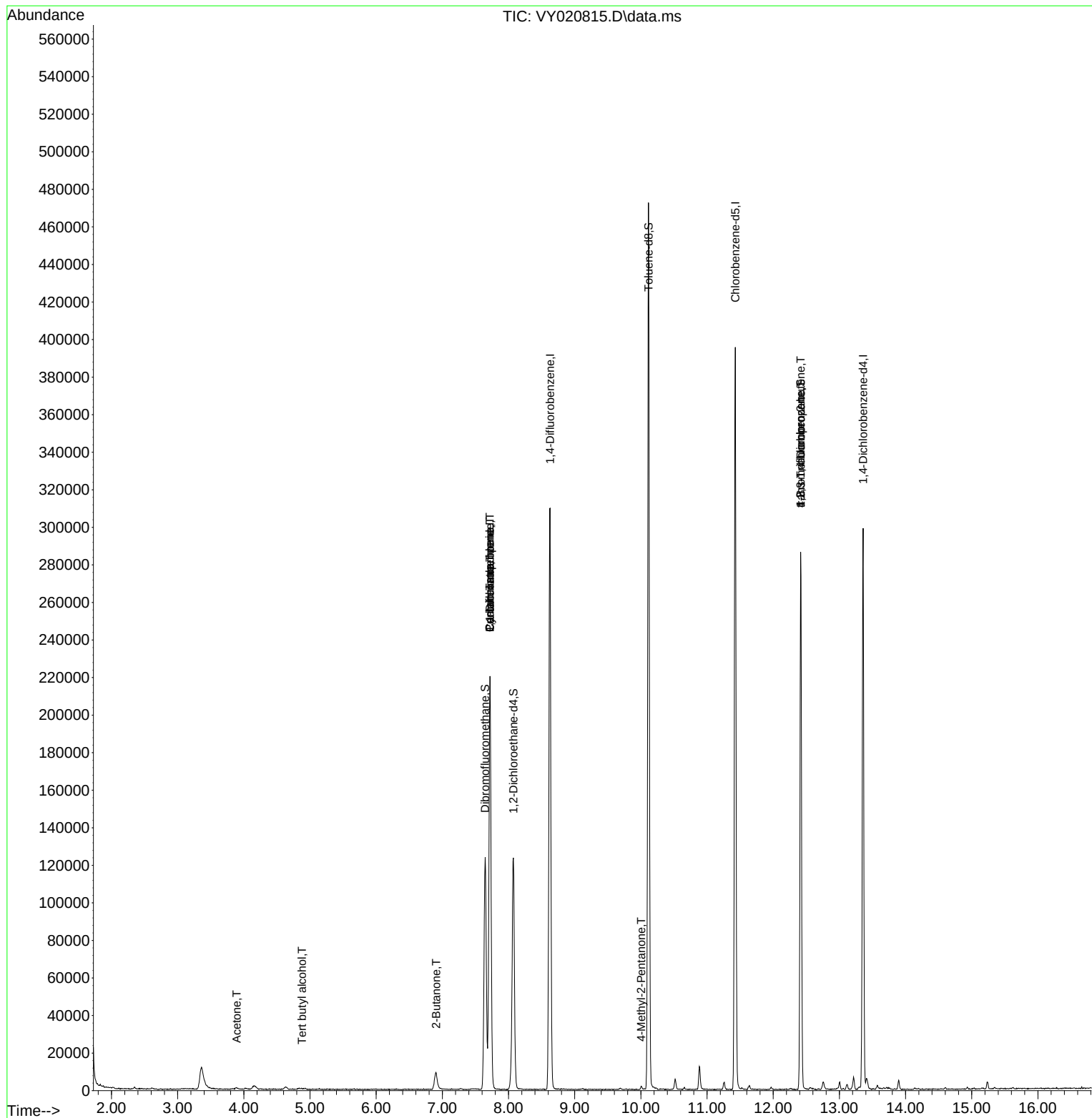
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

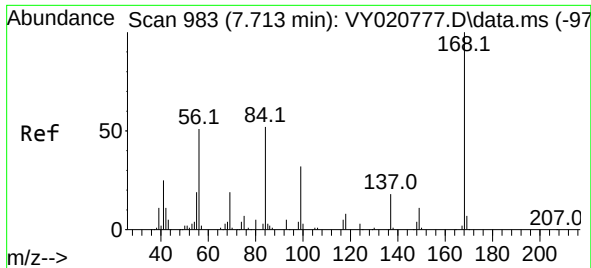
Internal Standards						
1) Pentafluorobenzene	7.719	168	174413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	281645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	220855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	79917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	96200	64.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.780%	
35) Dibromofluoromethane	7.646	113	89546	50.749	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.500%	
50) Toluene-d8	10.115	98	314789	51.177	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.360%	
62) 4-Bromofluorobenzene	12.414	95	89562	39.429	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 78.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.878	59	555	4.955	ug/l #	73
16) Acetone	3.891	43	1874	8.890	ug/l	99
25) 2-Butanone	6.909	43	595	1.718	ug/l #	45
31) Cyclohexane	7.719	56	3138	1.455	ug/l #	1
36) 1,1-Dichloropropene	7.719	75	12395	5.507	ug/l #	49
38) Carbon Tetrachloride	7.719	117	17196	5.489	ug/l #	17
51) 4-Methyl-2-Pentanone	10.006	43	1065	1.170	ug/l	95
76) 1,2,3-Trichloropropane	12.414	75	45156	64.577	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	45156	136.163	ug/l #	14

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

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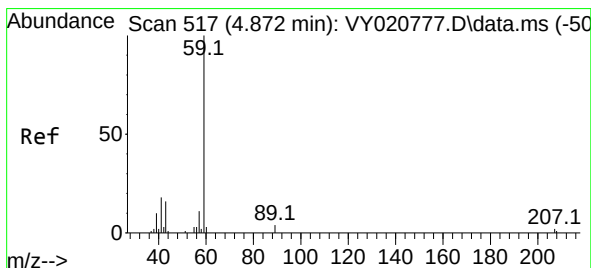
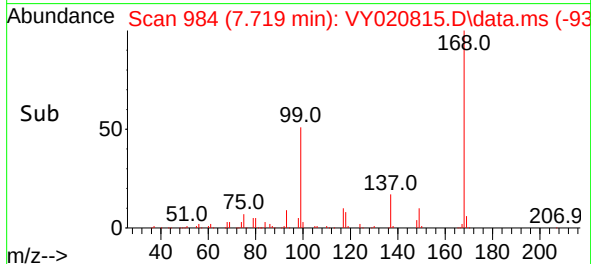
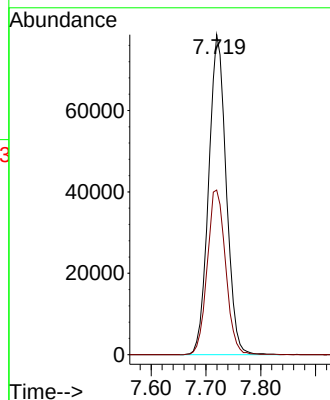
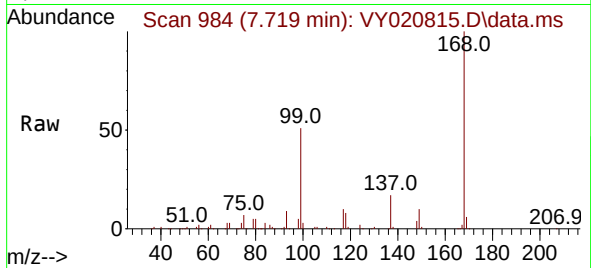
Quant Time: Jan 15 03:27:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration





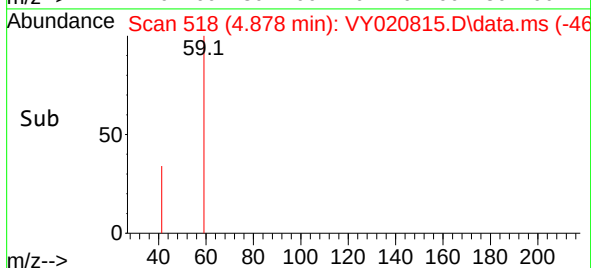
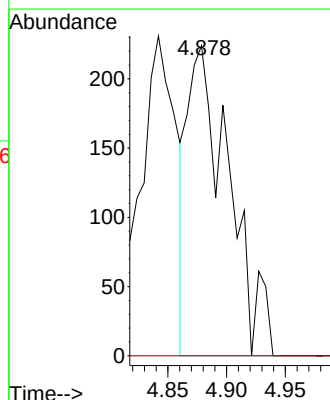
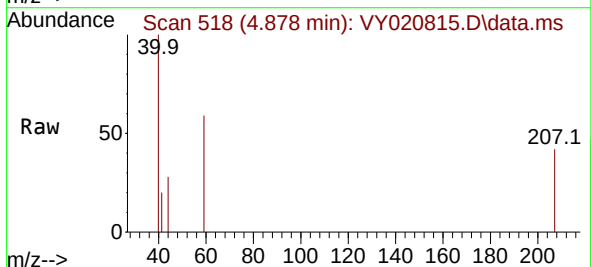
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY020815.D
Acq: 14 Jan 2025 11:47

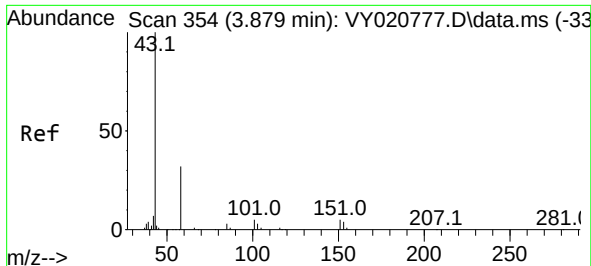
Tgt Ion:168 Resp: 174413
Ion Ratio Lower Upper
168 100
99 51.5 44.3 66.5



#11
Tert butyl alcohol
Concen: 4.955 ug/l
RT: 4.878 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY020815.D
Acq: 14 Jan 2025 11:47

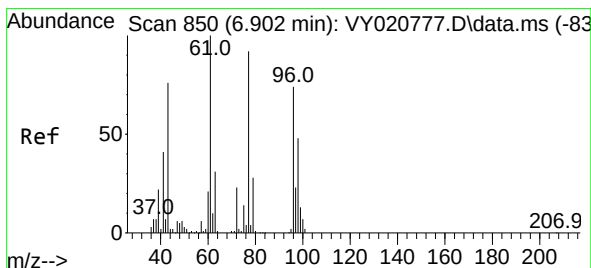
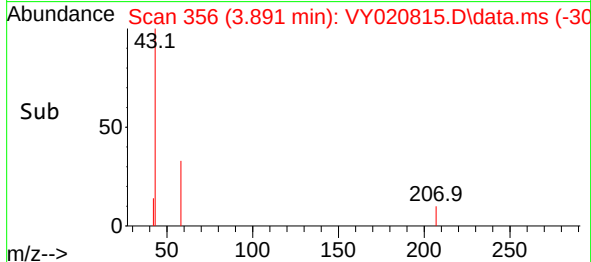
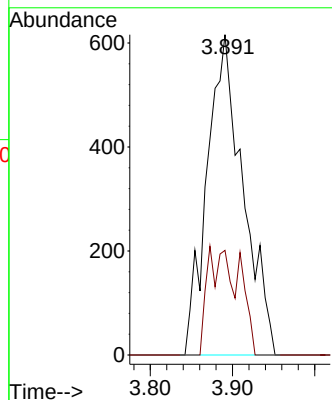
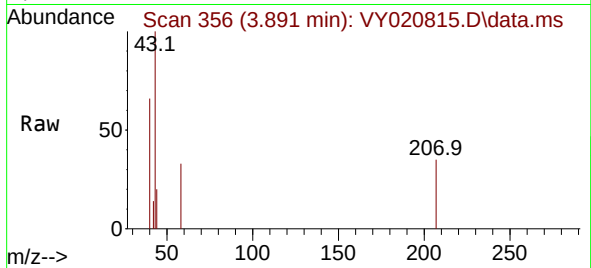
Tgt Ion: 59 Resp: 555
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





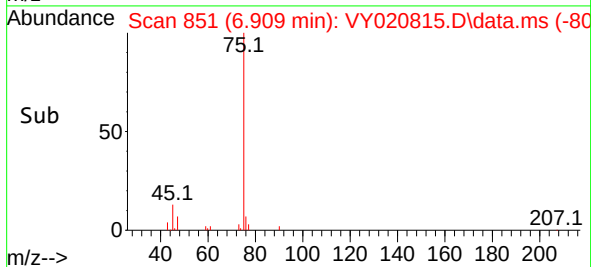
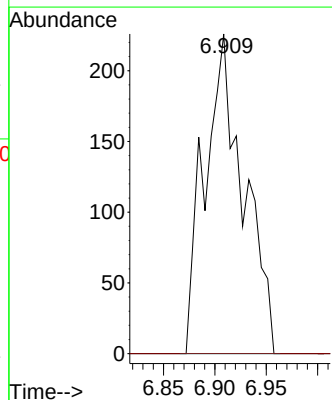
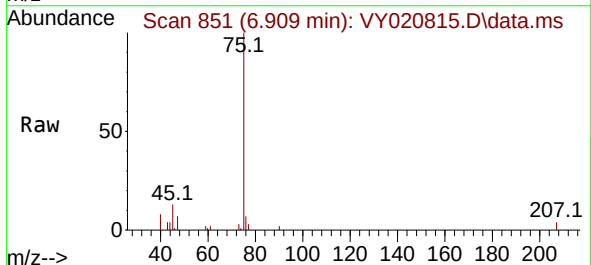
#16
Acetone
Concen: 8.890 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY020815.D
Acq: 14 Jan 2025 11:47

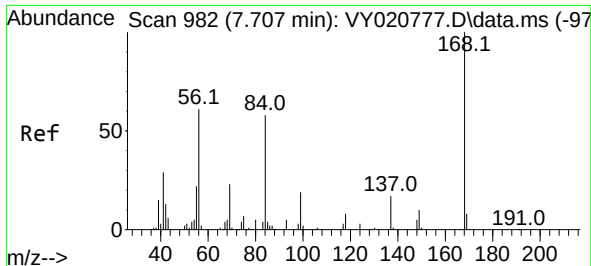
Tgt Ion: 43 Resp: 1874
Ion Ratio Lower Upper
43 100
58 32.6 26.7 40.1



#25
2-Butanone
Concen: 1.718 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY020815.D
Acq: 14 Jan 2025 11:47

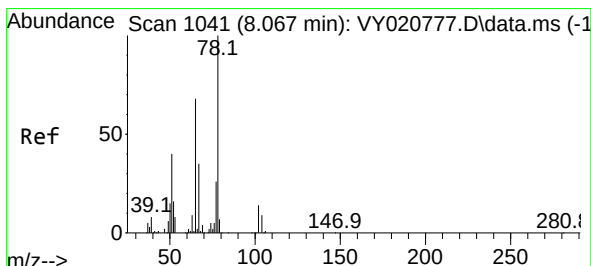
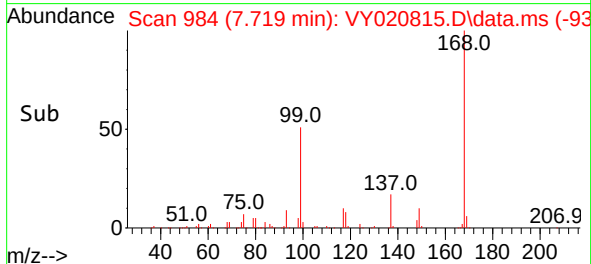
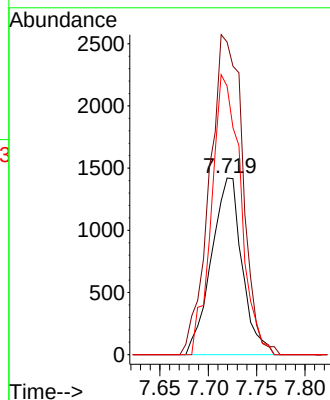
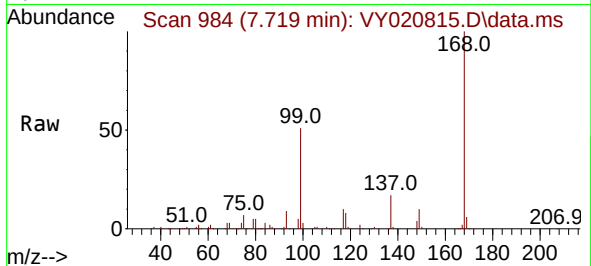
Tgt Ion: 43 Resp: 595
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#





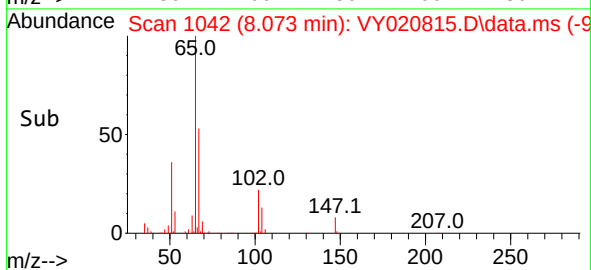
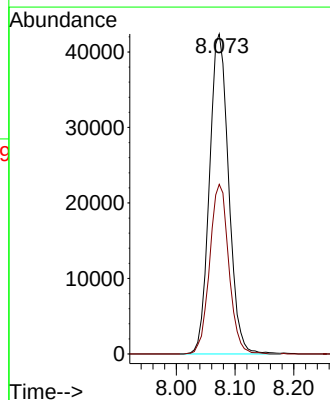
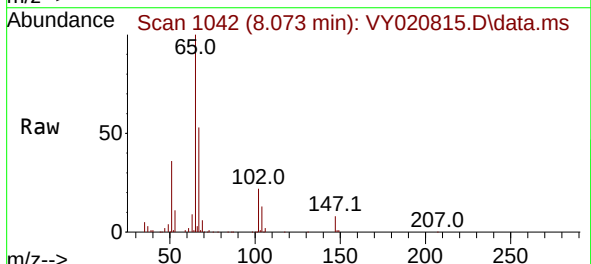
#31
Cyclohexane
Concen: 1.455 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.012 min
Lab File: VY020815.D
Acq: 14 Jan 2025 11:47

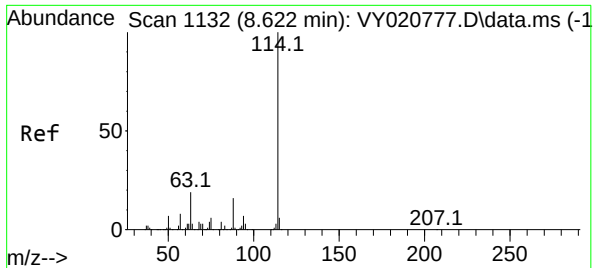
Tgt Ion: 56 Resp: 3138
Ion Ratio Lower Upper
56 100
69 176.9 30.5 45.7#
84 151.9 76.6 115.0#



#33
1,2-Dichloroethane-d4
Concen: 64.893 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY020815.D
Acq: 14 Jan 2025 11:47

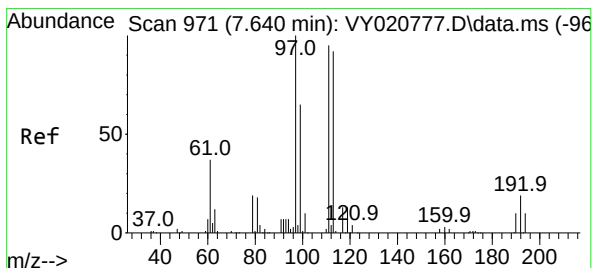
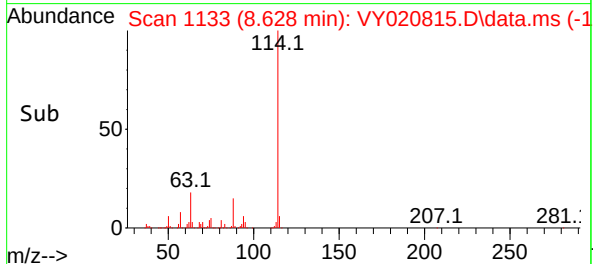
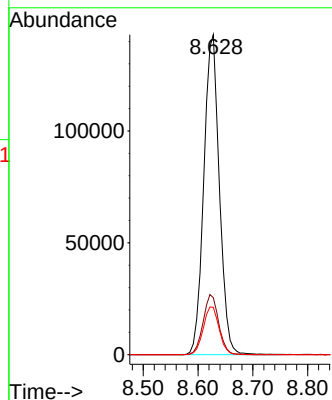
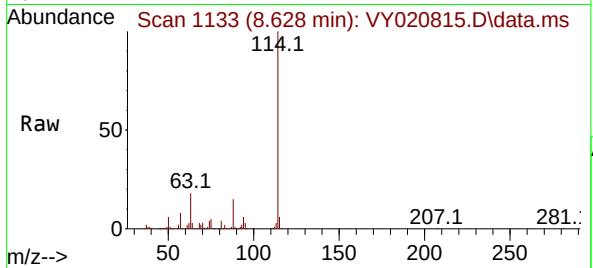
Tgt Ion: 65 Resp: 96200
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.8





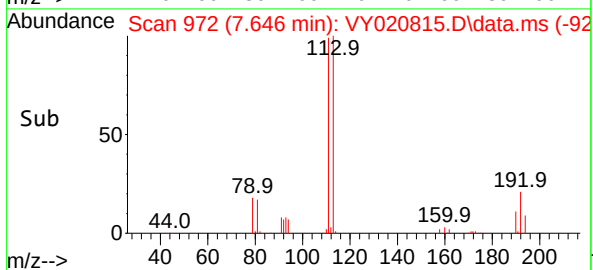
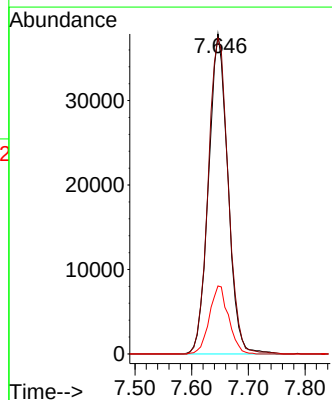
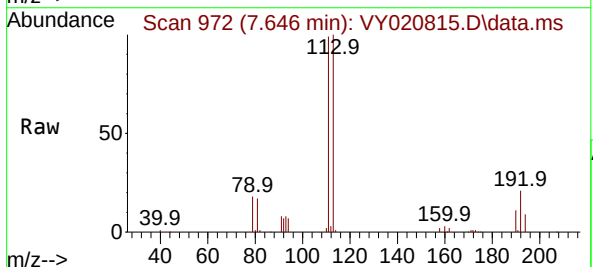
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VY020815.D
Acq: 14 Jan 2025 11:47

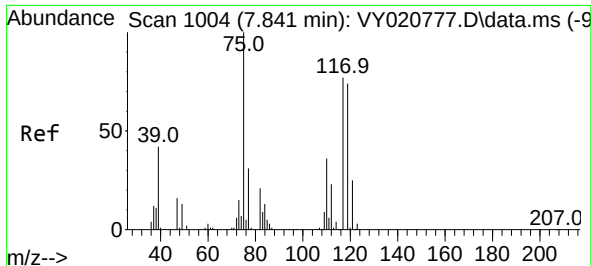
Tgt Ion:	114	Resp:	281645
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	38.4
88	14.8	0.0	31.2



#35
Dibromofluoromethane
Concen: 50.749 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY020815.D
Acq: 14 Jan 2025 11:47

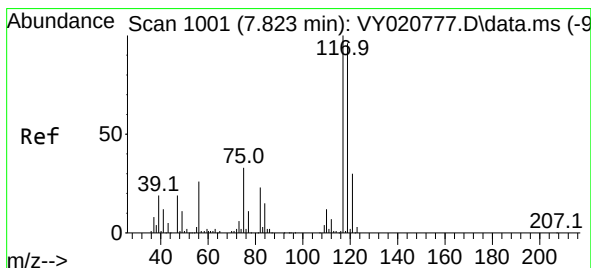
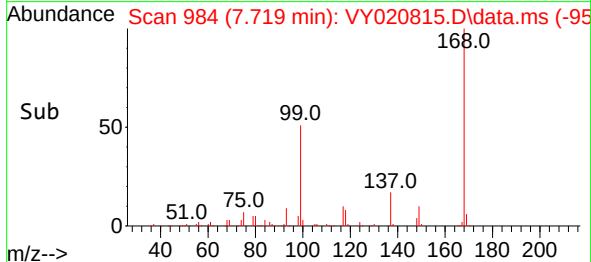
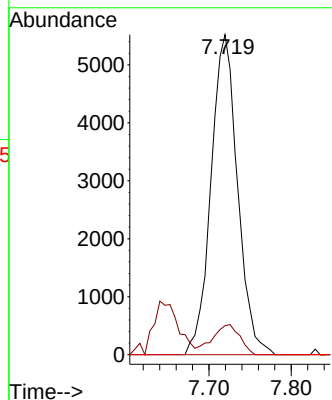
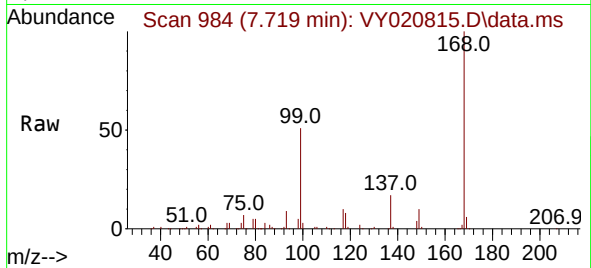
Tgt Ion:	113	Resp:	89546
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.7	122.5
192	21.1	16.7	25.1





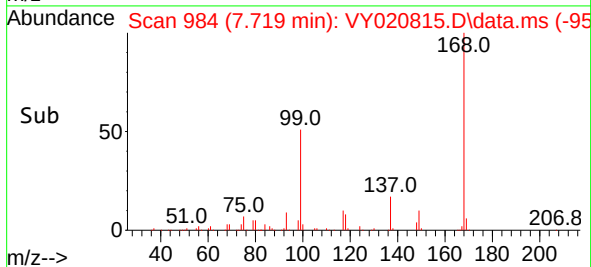
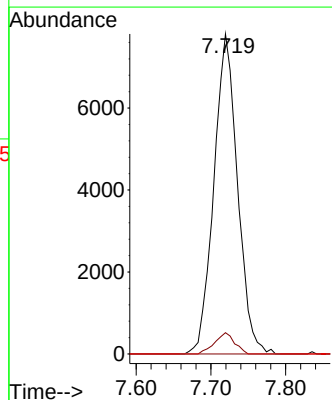
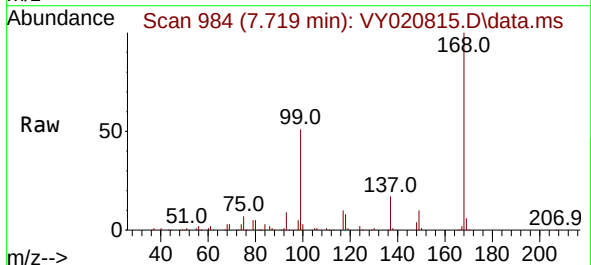
#36
1,1-Dichloropropene
Concen: 5.507 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY020815.D
Acq: 14 Jan 2025 11:47

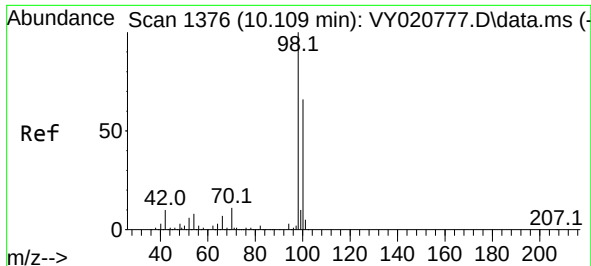
Tgt Ion: 75 Resp: 12395
Ion Ratio Lower Upper
75 100
110 9.7 18.5 55.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.489 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.104 min
Lab File: VY020815.D
Acq: 14 Jan 2025 11:47

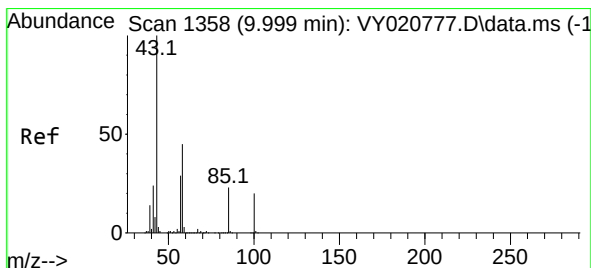
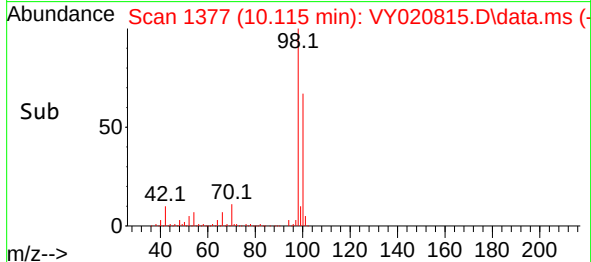
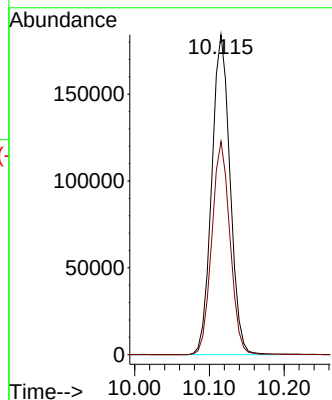
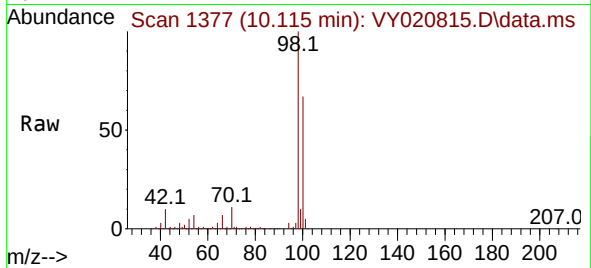
Tgt Ion: 117 Resp: 17196
Ion Ratio Lower Upper
117 100
119 6.6 76.5 114.7#
121 0.0 24.3 36.5#





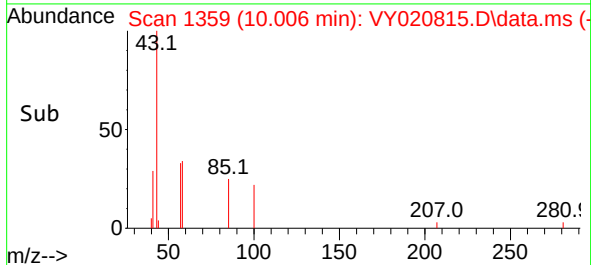
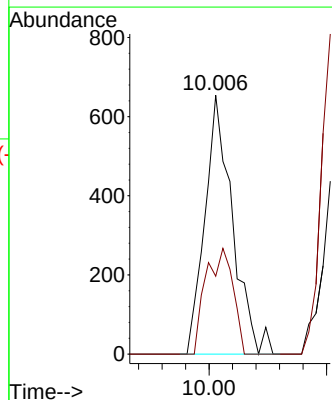
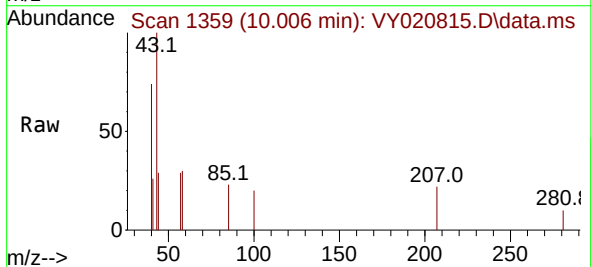
#50
Toluene-d8
Concen: 51.177 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020815.D
Acq: 14 Jan 2025 11:47

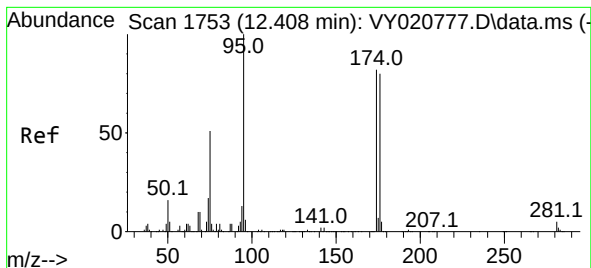
Tgt Ion: 98 Resp: 314789
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.170 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY020815.D
Acq: 14 Jan 2025 11:47

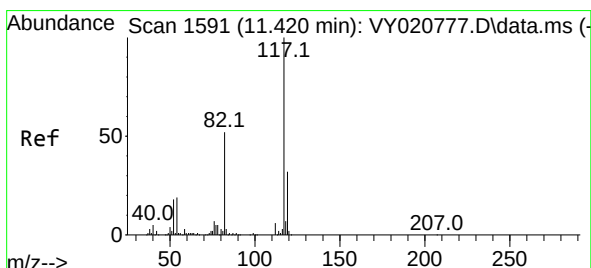
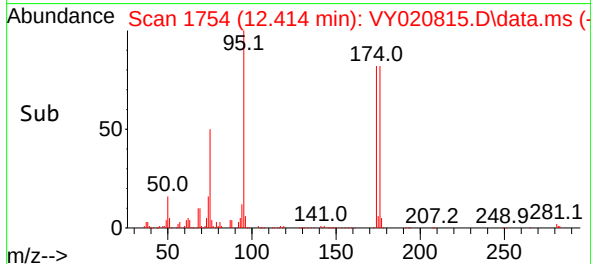
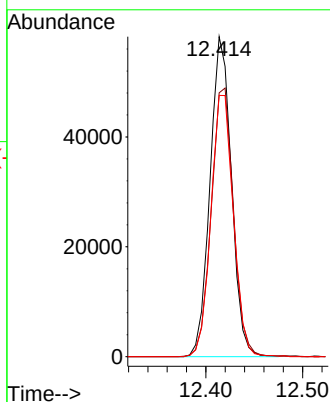
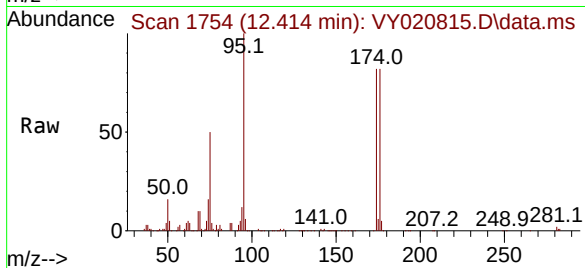
Tgt Ion: 43 Resp: 1065
Ion Ratio Lower Upper
43 100
58 40.3 34.8 52.2





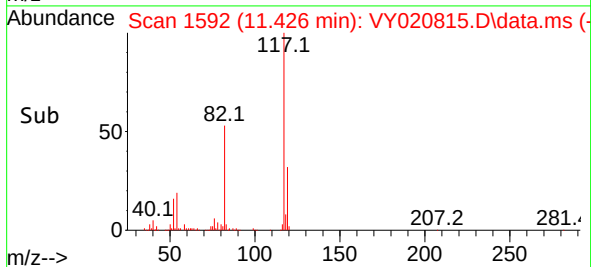
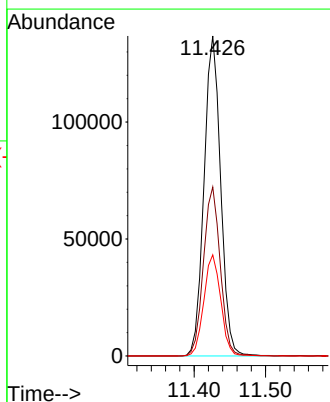
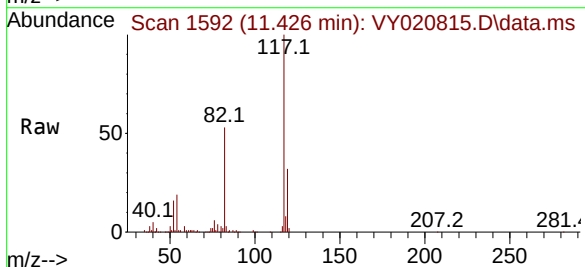
#62
4-Bromofluorobenzene
Concen: 39.429 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020815.D
Acq: 14 Jan 2025 11:47

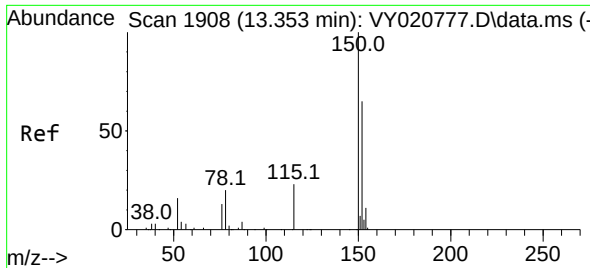
Tgt Ion: 95	Resp: 89562
Ion Ratio	Lower Upper
95 100	
174 87.4	0.0 178.0
176 85.6	0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY020815.D
Acq: 14 Jan 2025 11:47

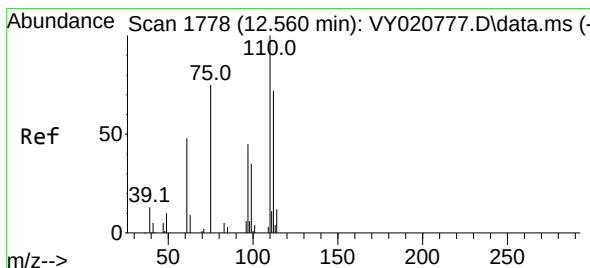
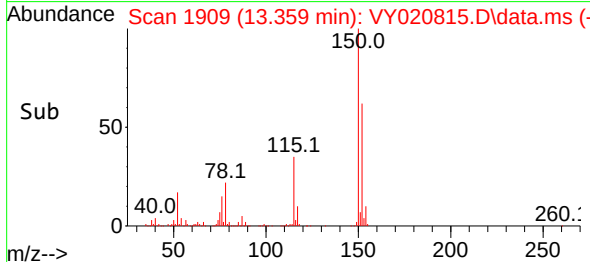
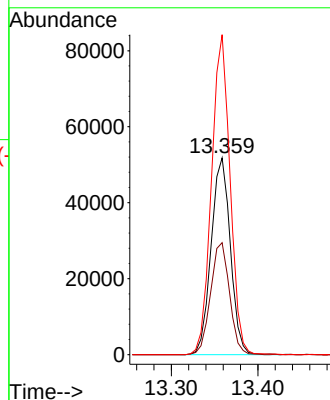
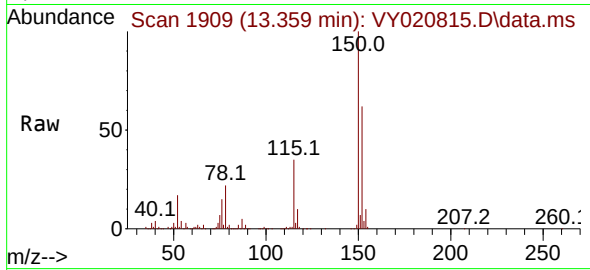
Tgt Ion: 117	Resp: 220855
Ion Ratio	Lower Upper
117 100	
82 52.8	41.8 62.6
119 31.6	25.8 38.8





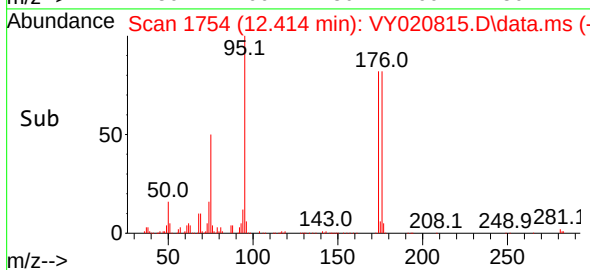
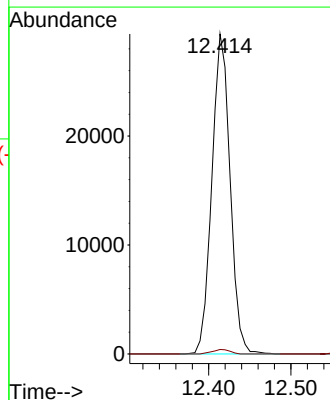
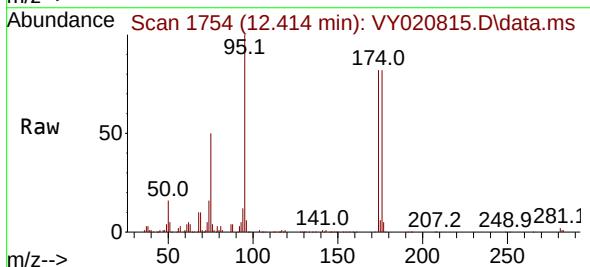
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.359 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY020815.D
 Acq: 14 Jan 2025 11:47

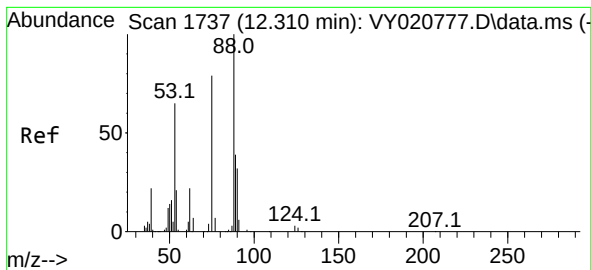
Tgt Ion:152 Resp: 79917
 Ion Ratio Lower Upper
 152 100
 115 56.1 29.0 87.0
 150 157.1 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 64.577 ug/l
 RT: 12.414 min Scan# 1754
 Delta R.T. -0.146 min
 Lab File: VY020815.D
 Acq: 14 Jan 2025 11:47

Tgt Ion: 75 Resp: 45156
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.163 ug/l
 RT: 12.414 min Scan# 1754
 Delta R.T. 0.104 min
 Lab File: VY020815.D
 Acq: 14 Jan 2025 11:47

Tgt Ion: 75 Resp: 45156
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.0#
 89 0.0 39.6 59.4#

