

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011425\
 Data File : VY020822.D
 Acq On : 14 Jan 2025 14:46
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 15 03:30:22 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	181001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	283531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	228707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	87076	50.000	ug/l	0.00

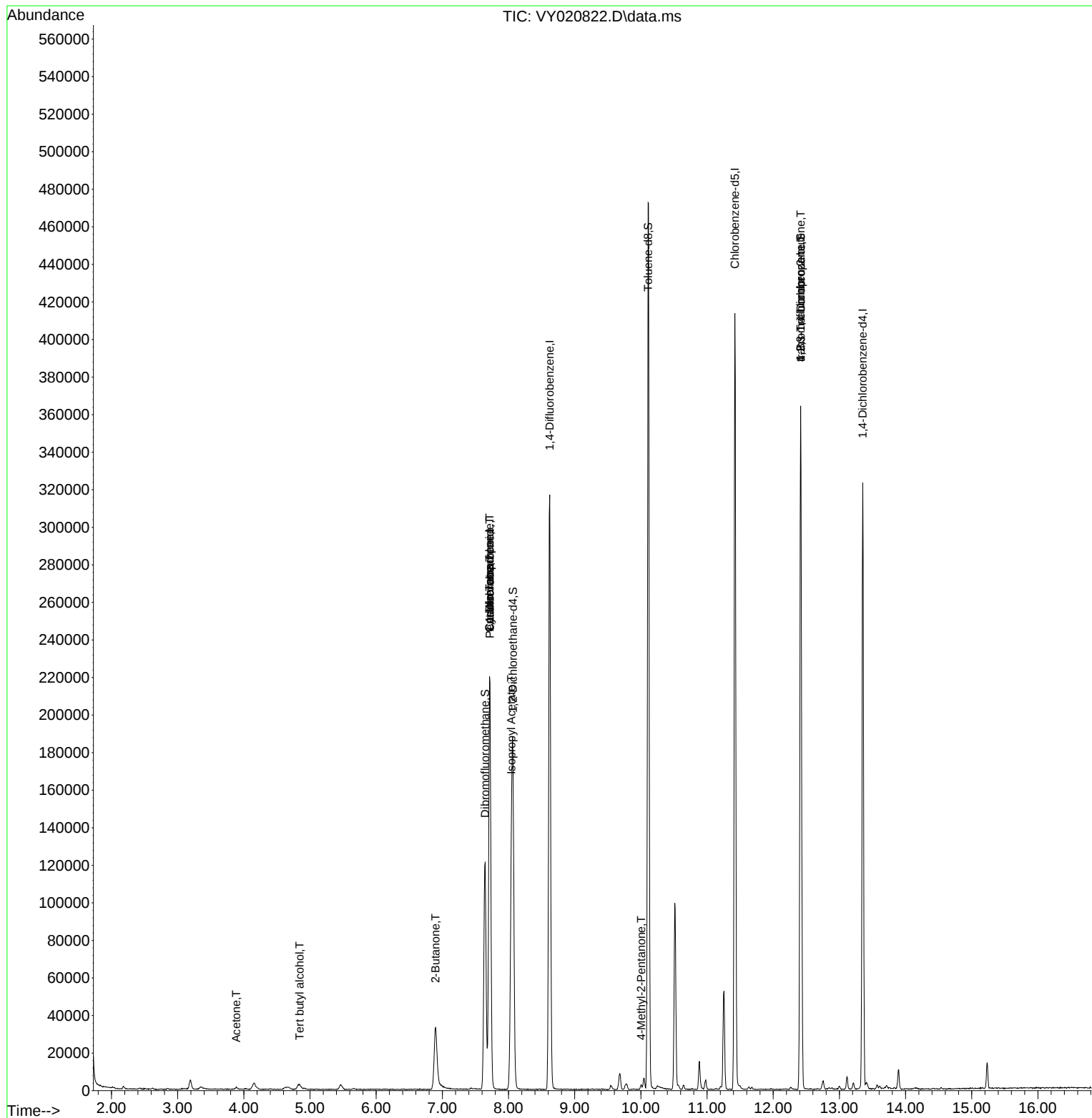
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	91640	59.567	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.140%
35) Dibromofluoromethane	7.646	113	87164	49.071	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.140%
50) Toluene-d8	10.109	98	323323	52.215	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.420%
62) 4-Bromofluorobenzene	12.414	95	93775	41.009	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.020%

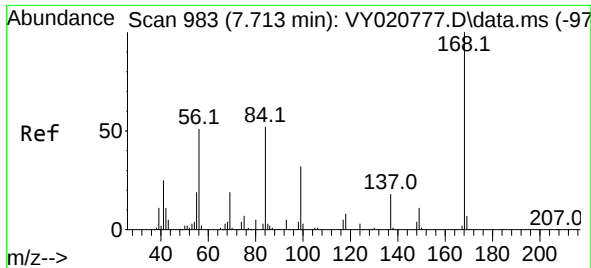
Target Compounds						Qvalue
11) Tert butyl alcohol	4.842	59	3209	27.604	ug/l #	73
16) Acetone	3.885	43	1651	7.547	ug/l #	78
25) 2-Butanone	6.896	43	1810	5.037	ug/l #	84
31) Cyclohexane	7.713	56	3069	1.371	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	12696	5.604	ug/l #	50
38) Carbon Tetrachloride	7.713	117	17293	5.483	ug/l #	16
43) Isopropyl Acetate	8.042	43	2519	1.374	ug/l #	1
51) 4-Methyl-2-Pentanone	10.006	43	1733	1.892	ug/l	90
76) 1,2,3-Trichloropropane	12.414	75	47752	62.675	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	47752	132.153	ug/l #	14

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011425\
Data File : VY020822.D
Acq On : 14 Jan 2025 14:46
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

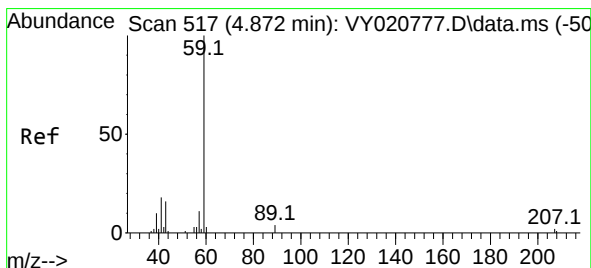
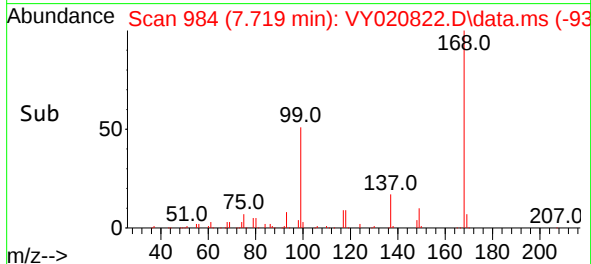
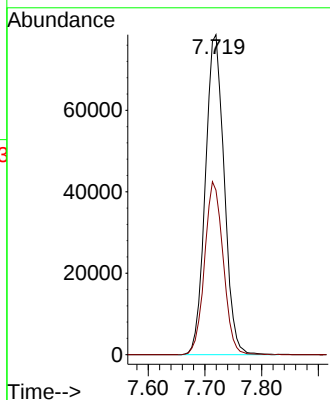
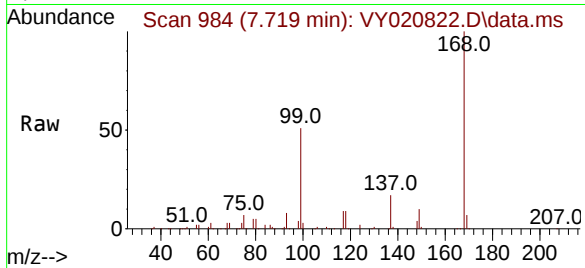
Quant Time: Jan 15 03:30:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration





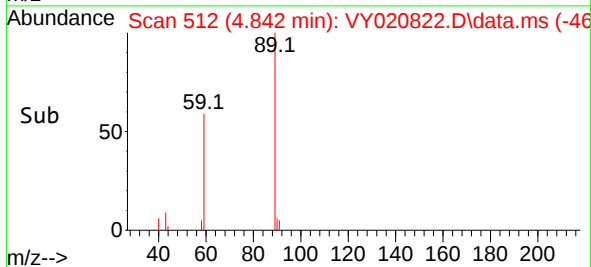
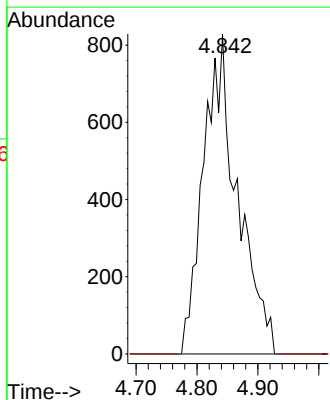
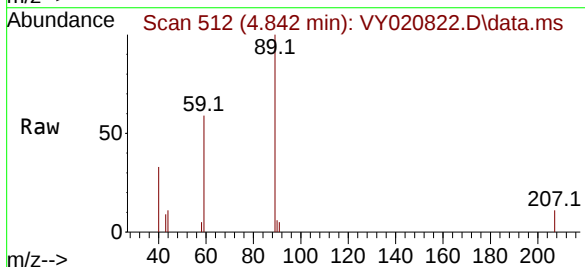
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

Tgt Ion:168 Resp: 181001
Ion Ratio Lower Upper
168 100
99 51.4 44.3 66.5



#11
Tert butyl alcohol
Concen: 27.604 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.031 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

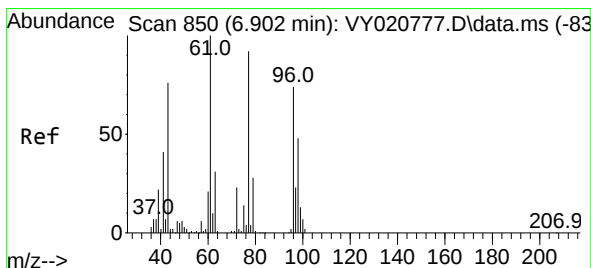
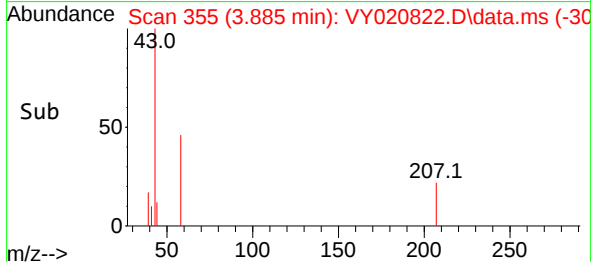
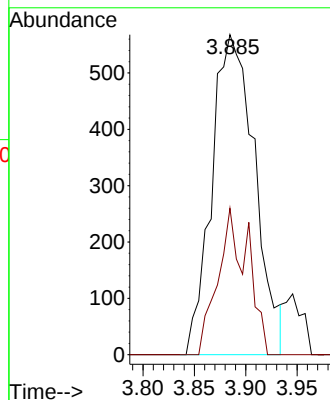
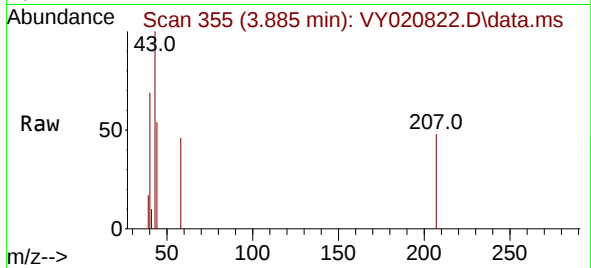
Tgt Ion: 59 Resp: 3209
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





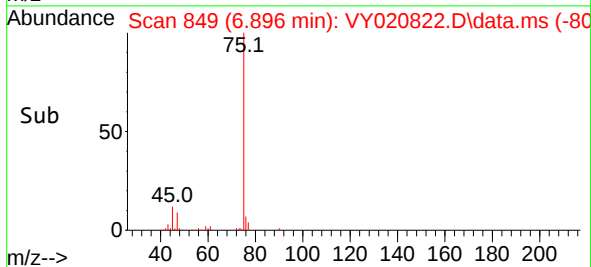
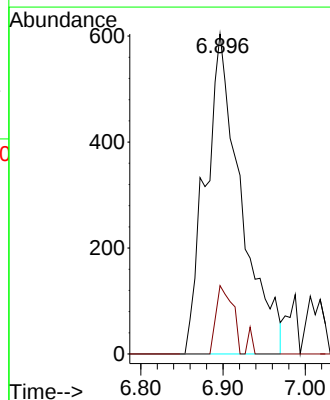
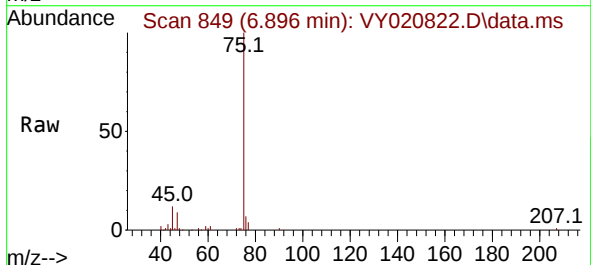
#16
Acetone
Concen: 7.547 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

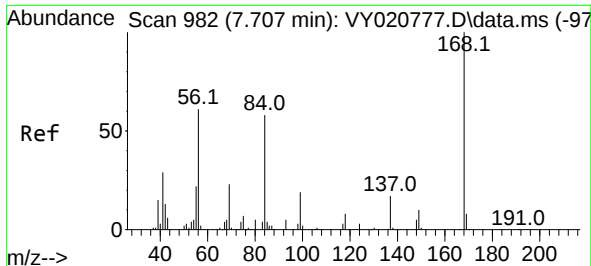
Tgt Ion: 43 Resp: 1651
Ion Ratio Lower Upper
43 100
58 45.8 26.7 40.1#



#25
2-Butanone
Concen: 5.037 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

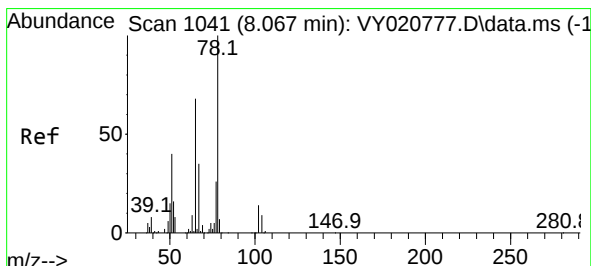
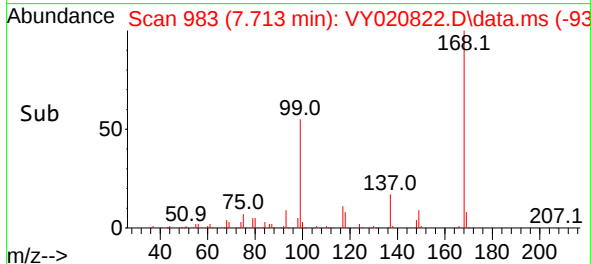
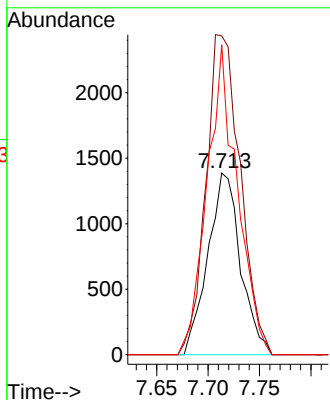
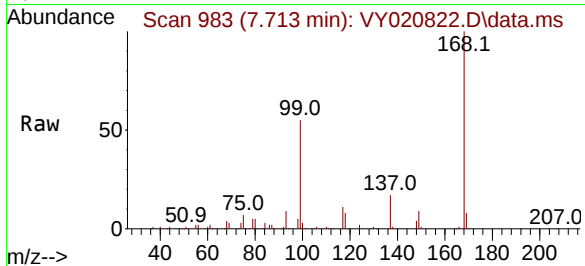
Tgt Ion: 43 Resp: 1810
Ion Ratio Lower Upper
43 100
72 21.4 24.0 36.0#





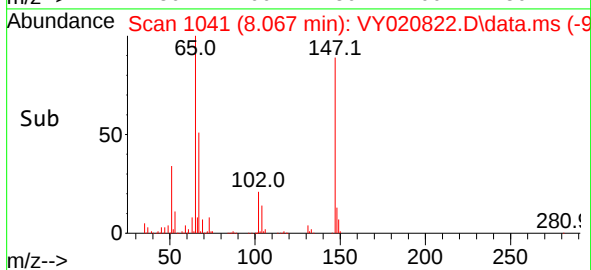
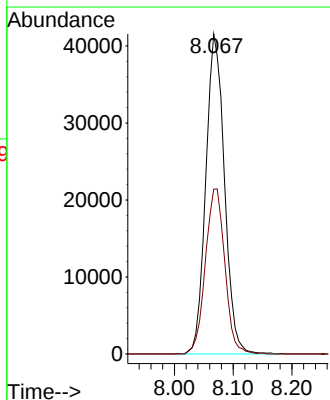
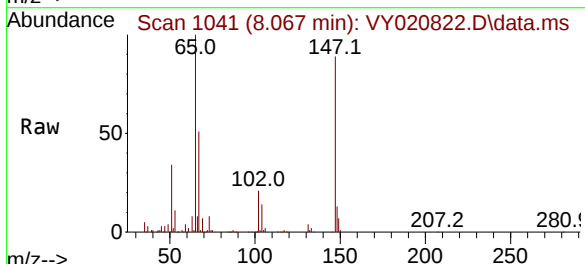
#31
Cyclohexane
Concen: 1.371 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

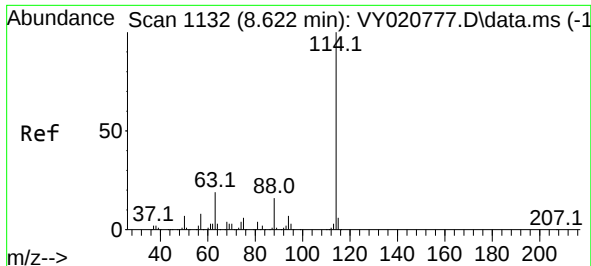
Tgt Ion: 56 Resp: 3069
Ion Ratio Lower Upper
56 100
69 175.6 30.5 45.7#
84 170.6 76.6 115.0#



#33
1,2-Dichloroethane-d4
Concen: 59.567 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

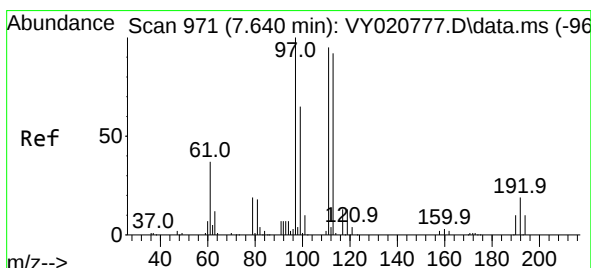
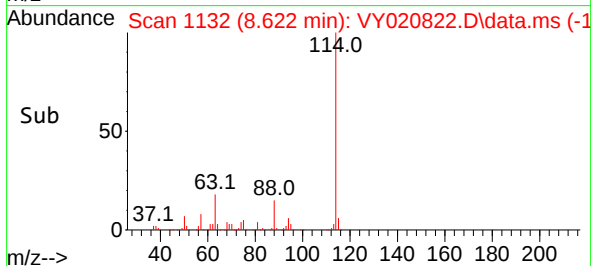
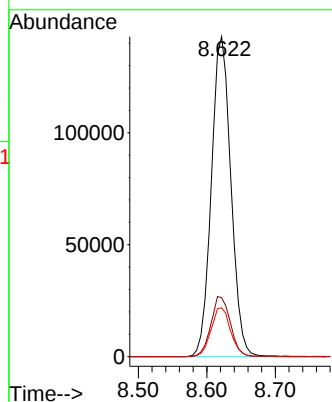
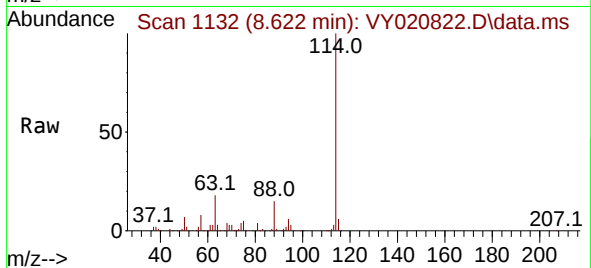
Tgt Ion: 65 Resp: 91640
Ion Ratio Lower Upper
65 100
67 54.0 0.0 102.8





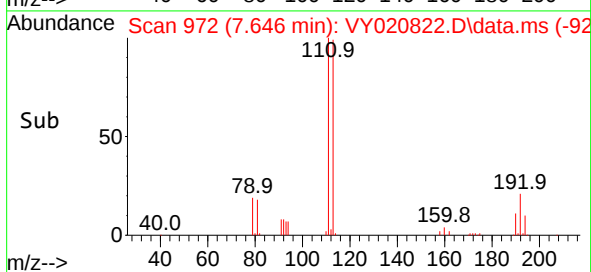
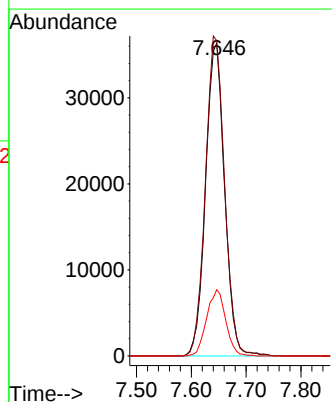
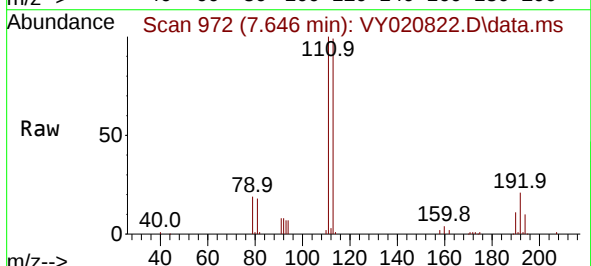
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

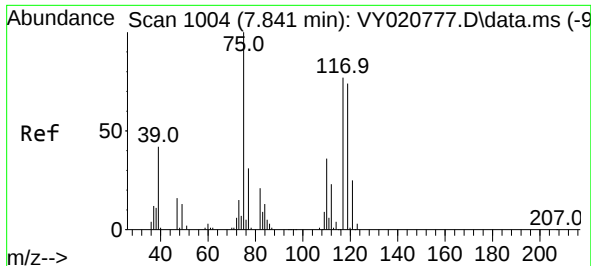
Tgt Ion:114 Resp: 283531
Ion Ratio Lower Upper
114 100
63 18.4 0.0 38.4
88 15.3 0.0 31.2



#35
Dibromofluoromethane
Concen: 49.071 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

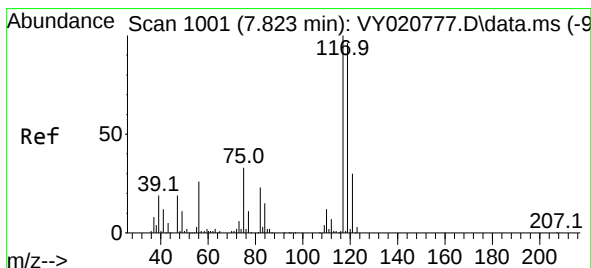
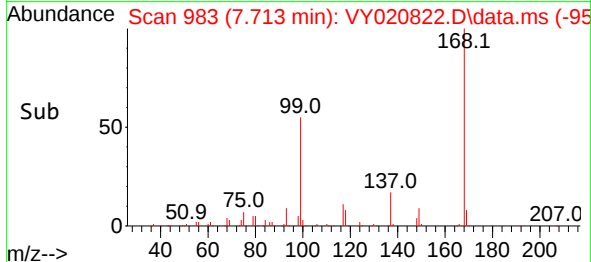
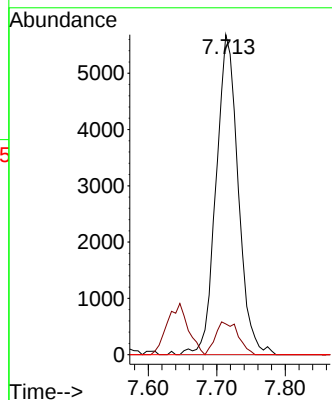
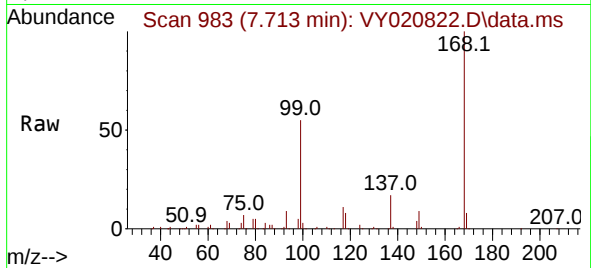
Tgt Ion:113 Resp: 87164
Ion Ratio Lower Upper
113 100
111 103.5 81.7 122.5
192 21.3 16.7 25.1





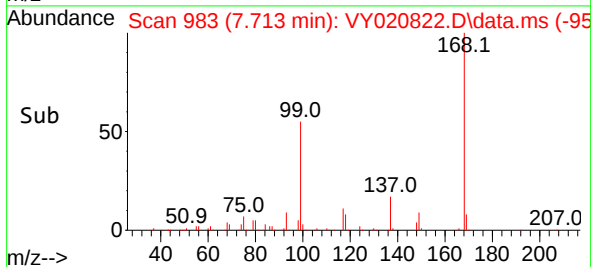
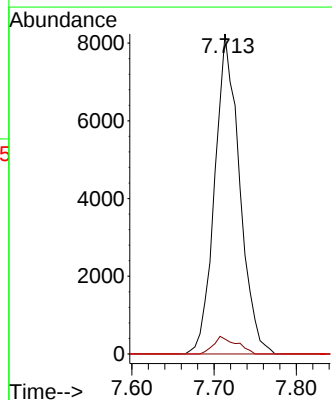
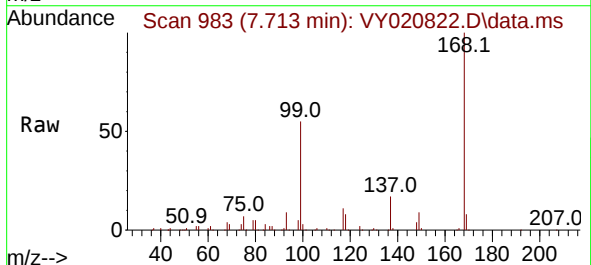
#36
1,1-Dichloropropene
Concen: 5.604 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

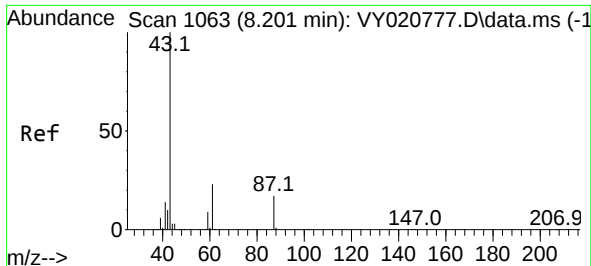
Tgt Ion: 75 Resp: 12696
Ion Ratio Lower Upper
75 100
110 10.5 18.5 55.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.483 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

Tgt Ion: 117 Resp: 17293
Ion Ratio Lower Upper
117 100
119 4.7 76.5 114.7#
121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: 1.374 ug/l

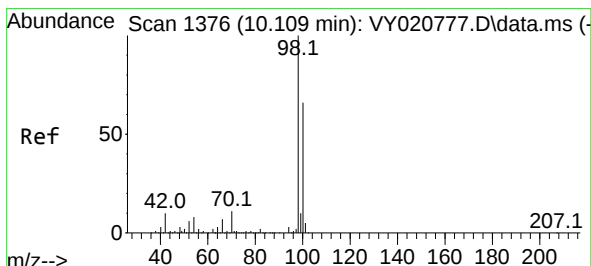
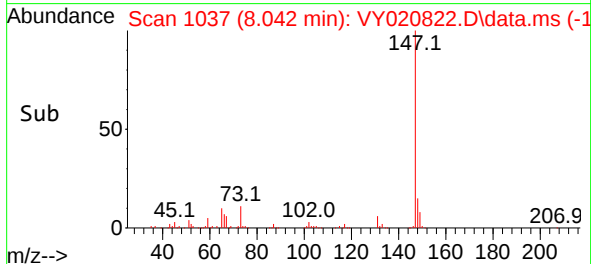
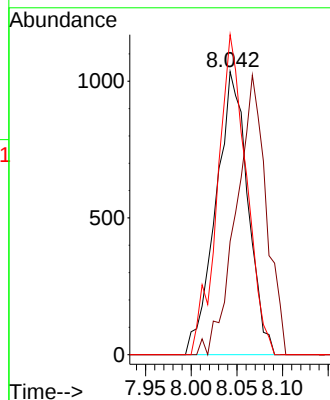
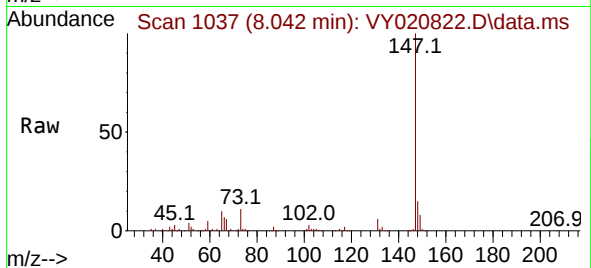
RT: 8.042 min Scan# 1037

Delta R.T. -0.159 min

Lab File: VY020822.D

Acq: 14 Jan 2025 14:46

Tgt Ion:	43	Resp:	2519
Ion	Ratio	Lower	Upper
43	100		
61	0.0	26.5	39.7#
87	102.9	13.4	20.0#



#50

Toluene-d8

Concen: 52.215 ug/l

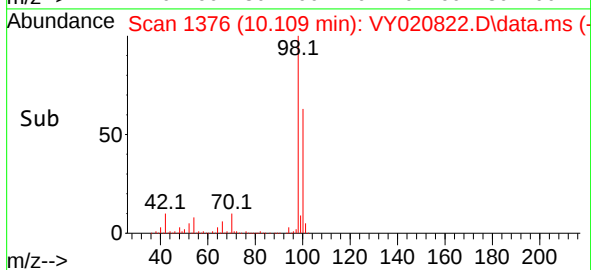
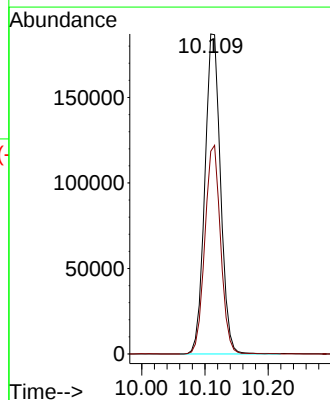
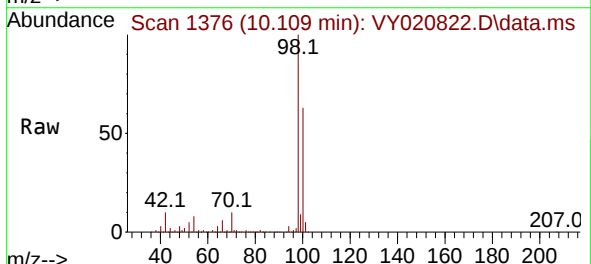
RT: 10.109 min Scan# 1376

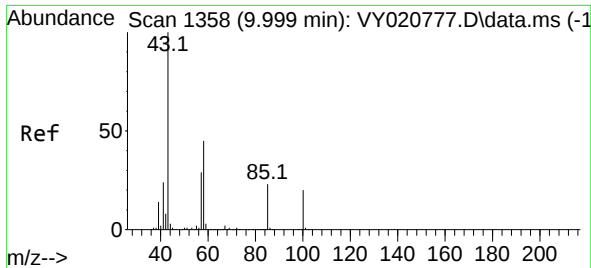
Delta R.T. -0.000 min

Lab File: VY020822.D

Acq: 14 Jan 2025 14:46

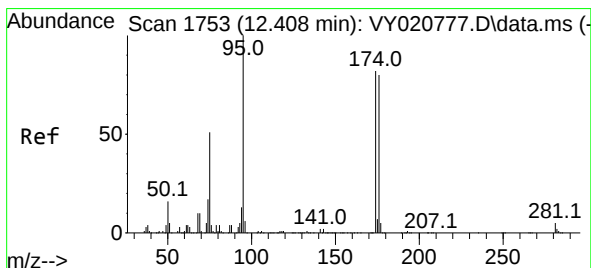
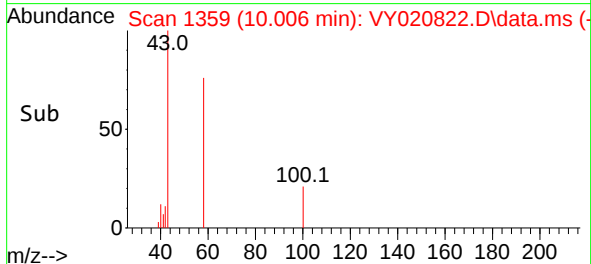
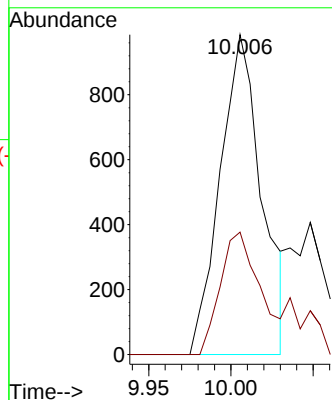
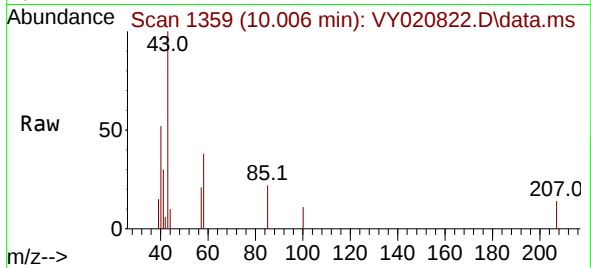
Tgt Ion:	98	Resp:	323323
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.5	78.7





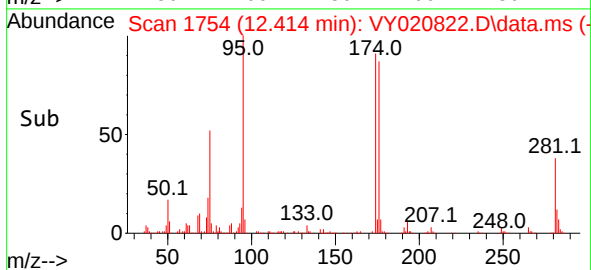
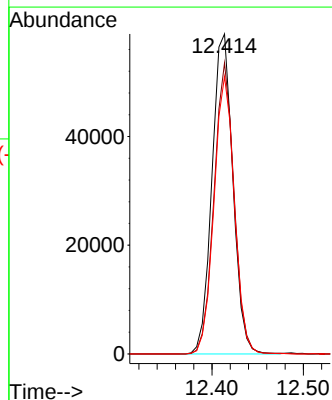
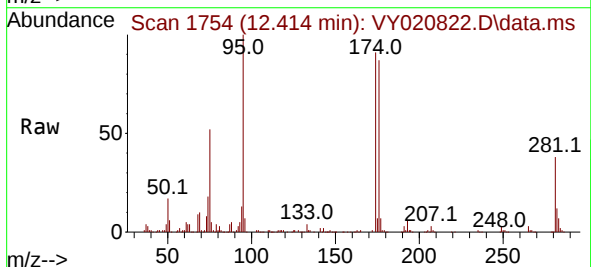
#51
4-Methyl-2-Pentanone
Concen: 1.892 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

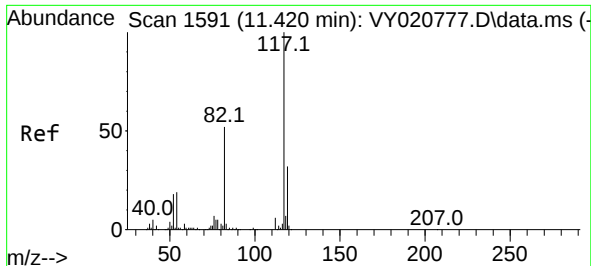
Tgt Ion: 43 Resp: 1733
Ion Ratio Lower Upper
43 100
58 36.9 34.8 52.2



#62
4-Bromofluorobenzene
Concen: 41.009 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

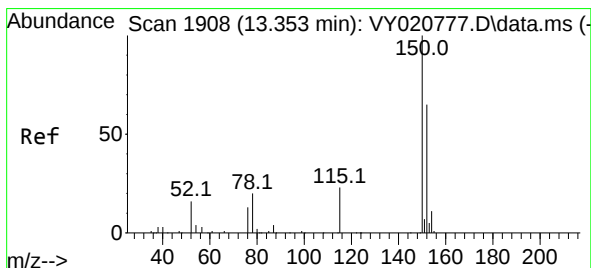
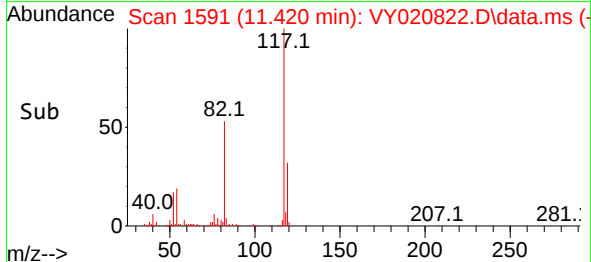
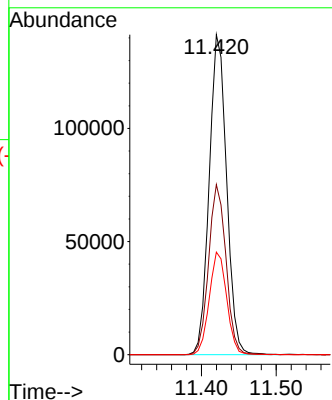
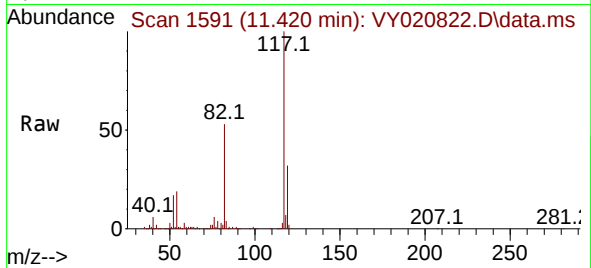
Tgt Ion: 95 Resp: 93775
Ion Ratio Lower Upper
95 100
174 87.5 0.0 178.0
176 84.7 0.0 172.0





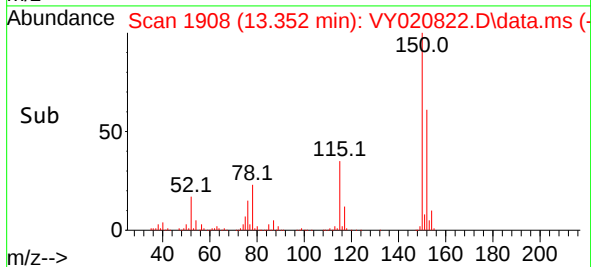
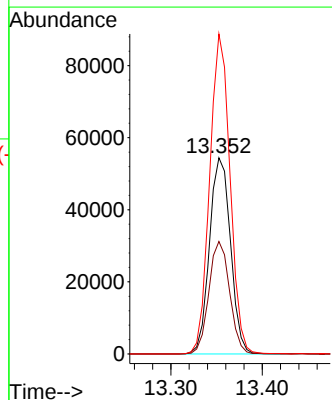
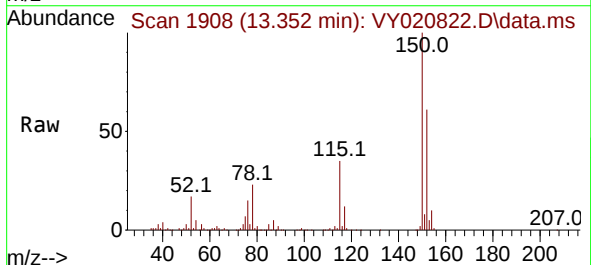
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

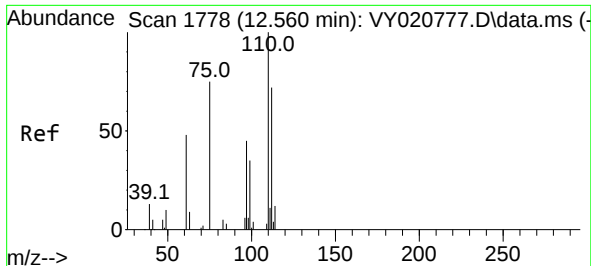
Tgt Ion:117	Resp:	228707	
Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.8	62.6
119	32.1	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

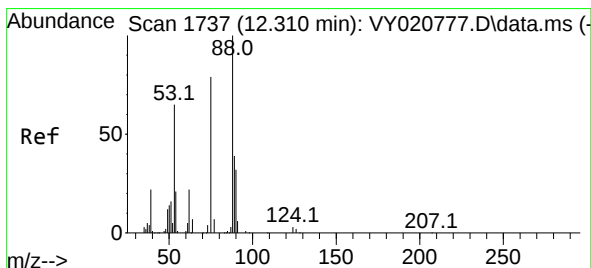
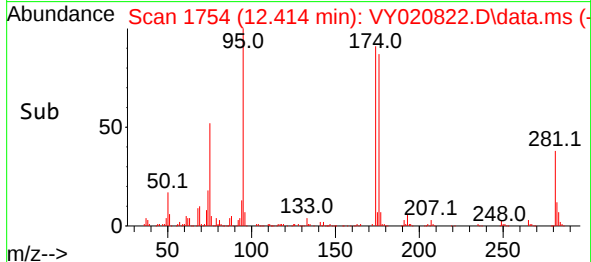
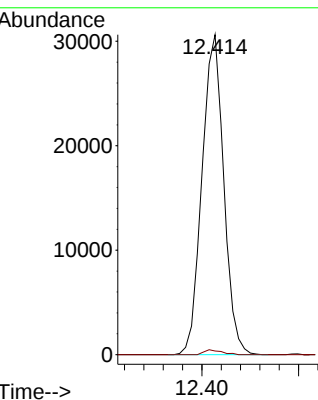
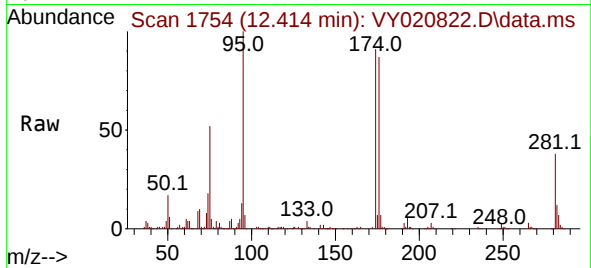
Tgt Ion:152	Resp:	87076	
Ion	Ratio	Lower	Upper
152	100		
115	56.5	29.0	87.0
150	157.4	0.0	347.4





#76
1,2,3-Trichloropropane
Concen: 62.675 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

Tgt Ion: 75 Resp: 47752
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.153 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.104 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

Tgt Ion: 75 Resp: 47752
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.0#
89 0.4 39.6 59.4#

