

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011425\
 Data File : VY020824.D
 Acq On : 14 Jan 2025 16:02
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 15 03:31:03 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	7.713	168	192733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	334157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	291212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	122064	50.000	ug/l	0.00

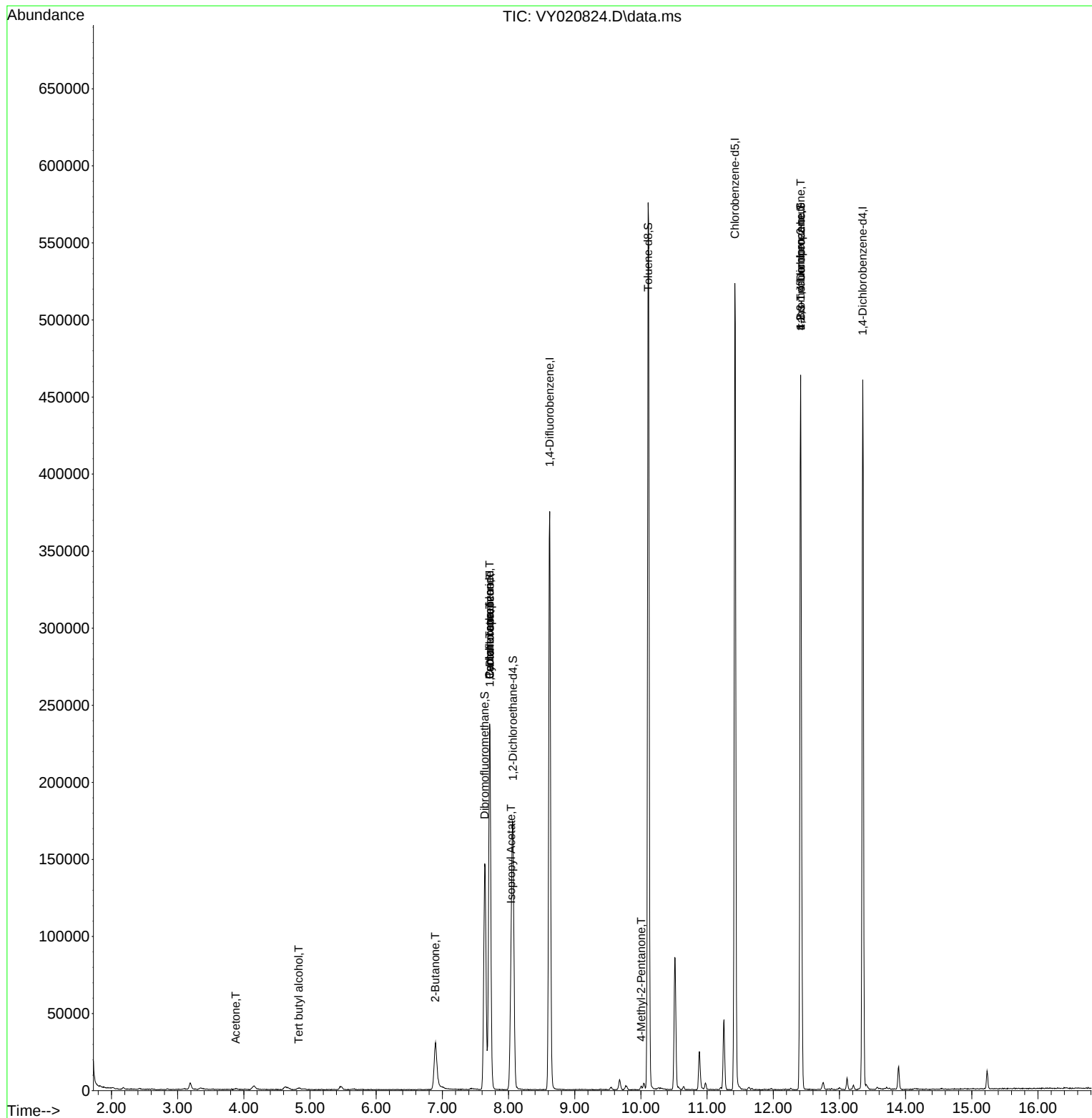
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	99210	60.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.120%
35) Dibromofluoromethane	7.640	113	107302	51.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.520%
50) Toluene-d8	10.109	98	395394	54.180	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.360%
62) 4-Bromofluorobenzene	12.414	95	125552	46.588	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.180%

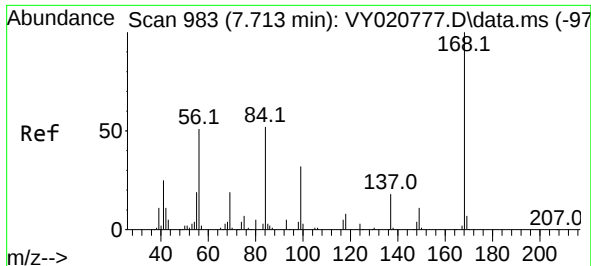
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.830	59	895	7.230	ug/l #	73
16) Acetone	3.879	43	910	3.906	ug/l #	85
25) 2-Butanone	6.890	43	1617	4.226	ug/l #	45
31) Cyclohexane	7.713	56	3257	1.366	ug/l #	13
36) 1,1-Dichloropropene	7.719	75	13876	5.197	ug/l #	49
38) Carbon Tetrachloride	7.713	117	18610	5.007	ug/l #	15
43) Isopropyl Acetate	8.036	43	2201	1.018	ug/l #	10
51) 4-Methyl-2-Pentanone	10.006	43	1531	1.418	ug/l	94
76) 1,2,3-Trichloropropane	12.414	75	62888	58.882	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	62888	124.155	ug/l #	14

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

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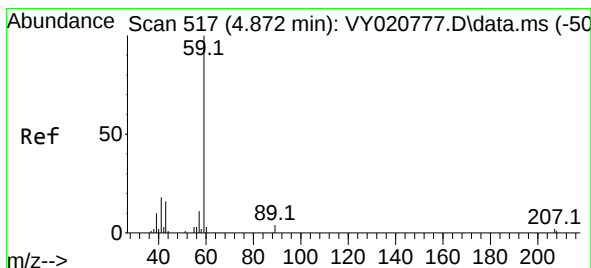
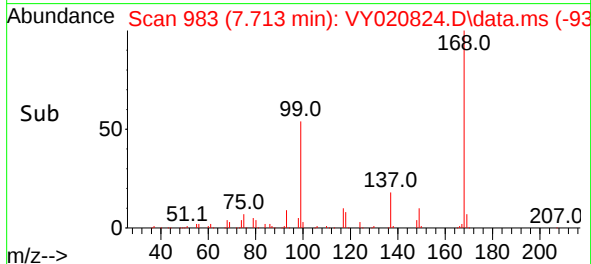
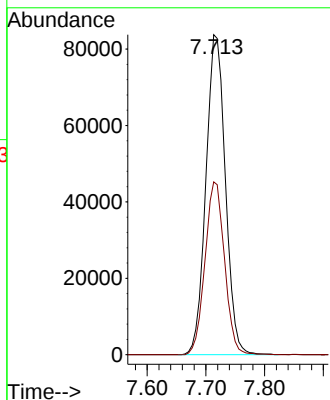
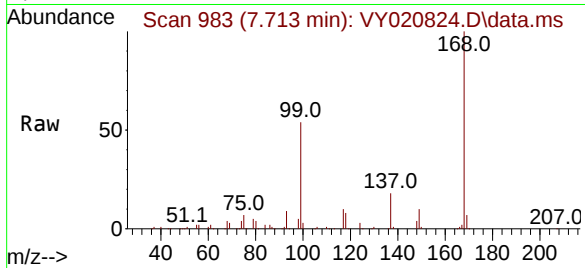
Quant Time: Jan 15 03:31:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration





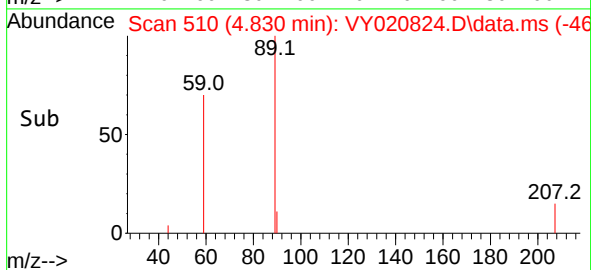
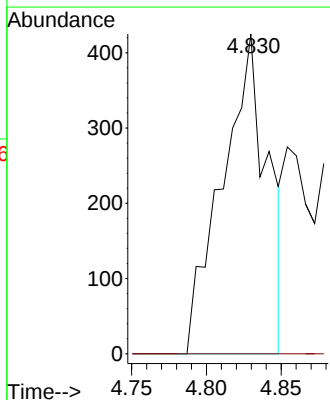
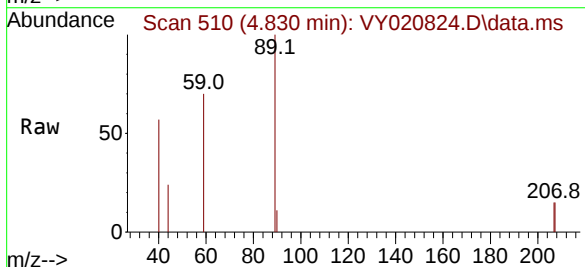
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

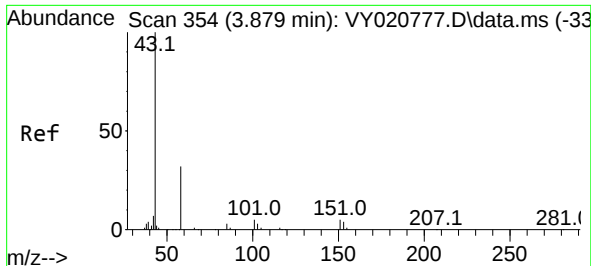
Tgt Ion:168 Resp: 192733
Ion Ratio Lower Upper
168 100
99 54.0 44.3 66.5



#11
Tert butyl alcohol
Concen: 7.230 ug/l
RT: 4.830 min Scan# 510
Delta R.T. -0.043 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

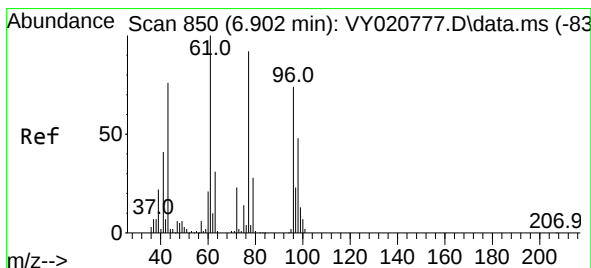
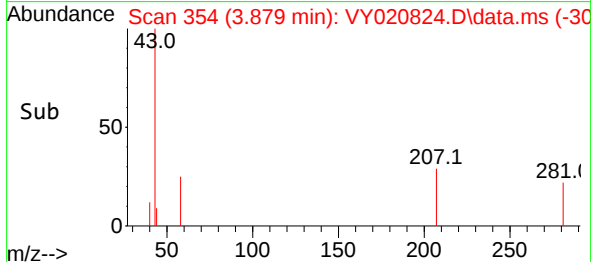
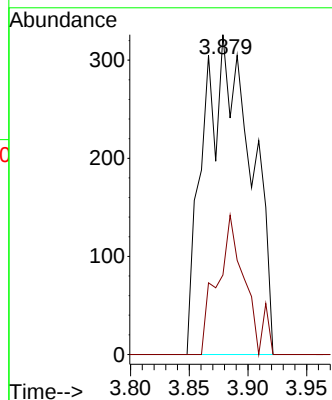
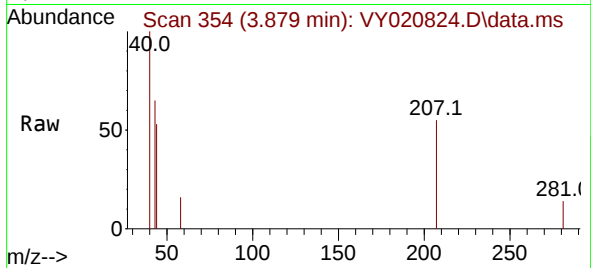
Tgt Ion: 59 Resp: 895
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





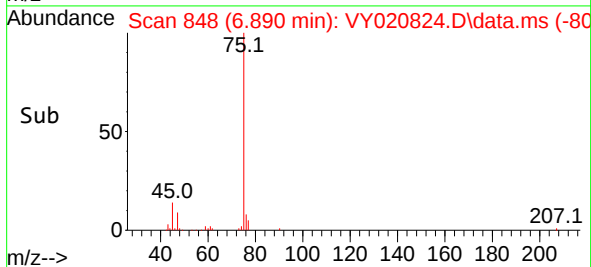
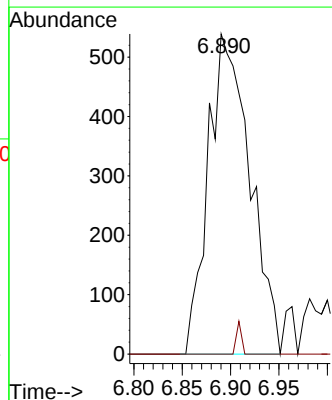
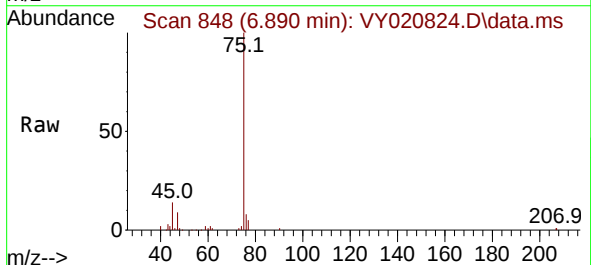
#16
Acetone
Concen: 3.906 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

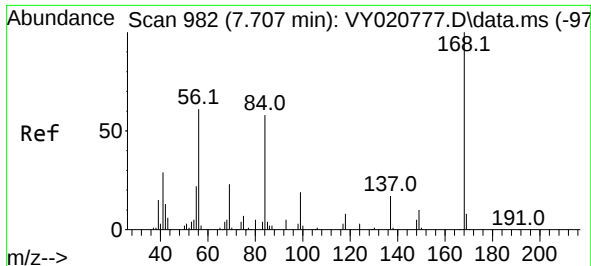
Tgt Ion: 43 Resp: 910
Ion Ratio Lower Upper
43 100
58 24.8 26.7 40.1#



#25
2-Butanone
Concen: 4.226 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

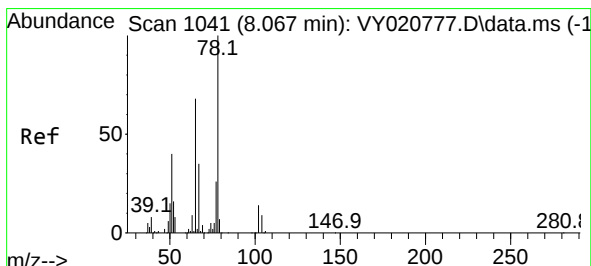
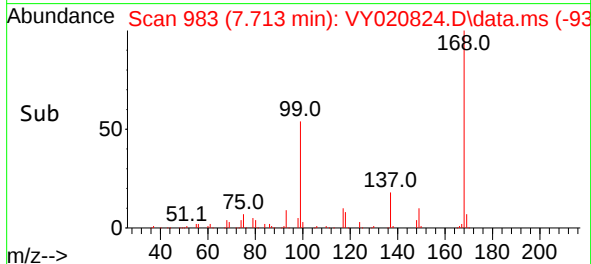
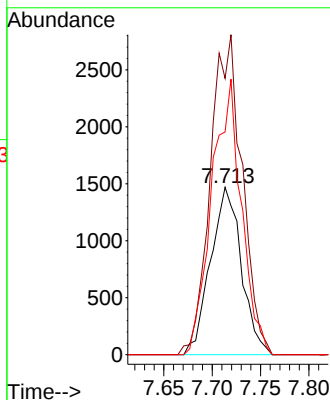
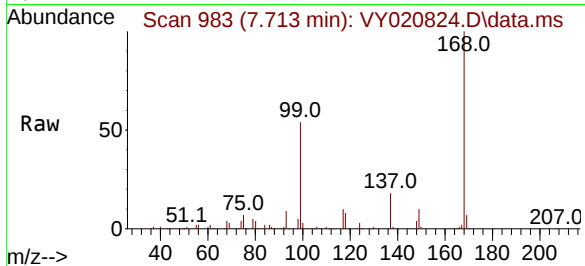
Tgt Ion: 43 Resp: 1617
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#





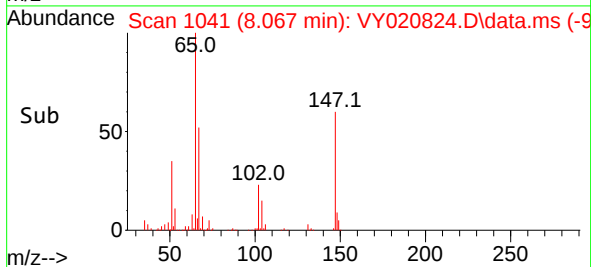
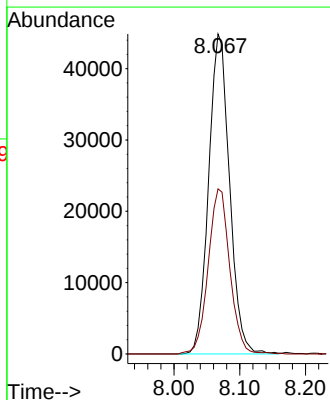
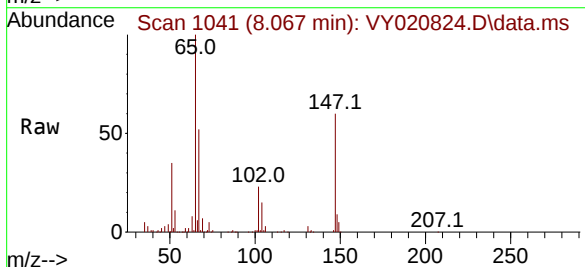
#31
Cyclohexane
Concen: 1.366 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

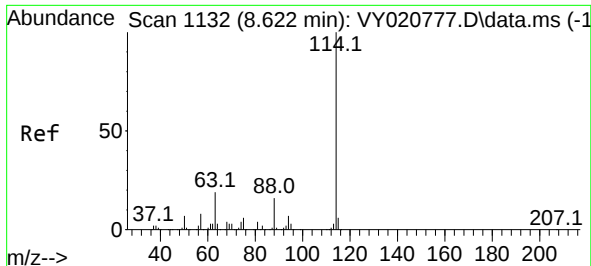
Tgt Ion: 56 Resp: 3257
Ion Ratio Lower Upper
56 100
69 165.1 30.5 45.7#
84 133.1 76.6 115.0#



#33
1,2-Dichloroethane-d4
Concen: 60.562 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

Tgt Ion: 65 Resp: 99210
Ion Ratio Lower Upper
65 100
67 53.3 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: VY020824.D

Acq: 14 Jan 2025 16:02

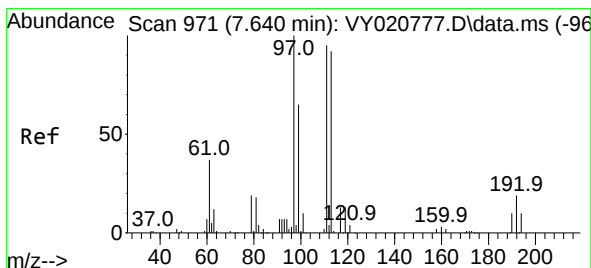
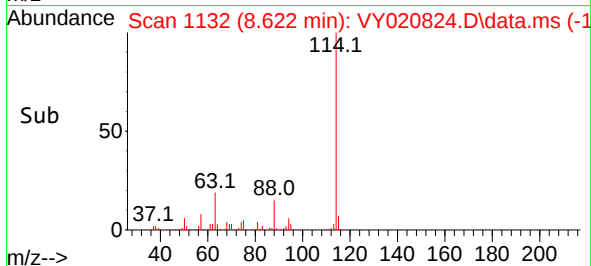
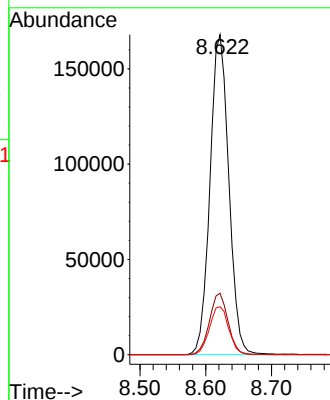
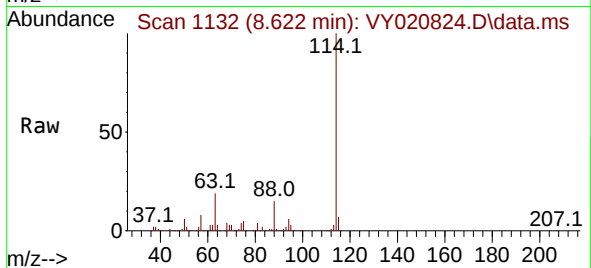
Tgt Ion:114 Resp: 334157

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

88 15.0 0.0 31.2



#35

Dibromofluoromethane

Concen: 51.256 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY020824.D

Acq: 14 Jan 2025 16:02

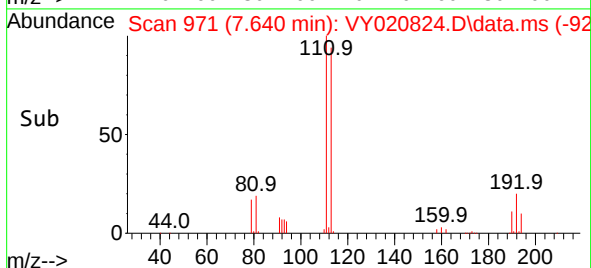
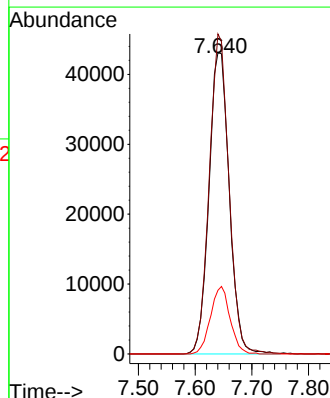
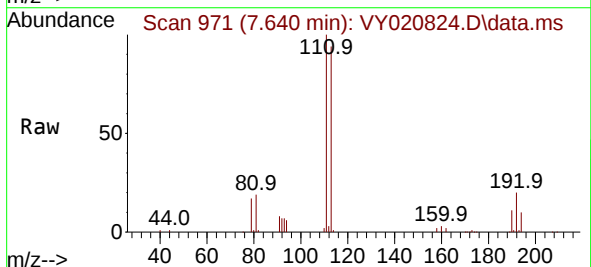
Tgt Ion:113 Resp: 107302

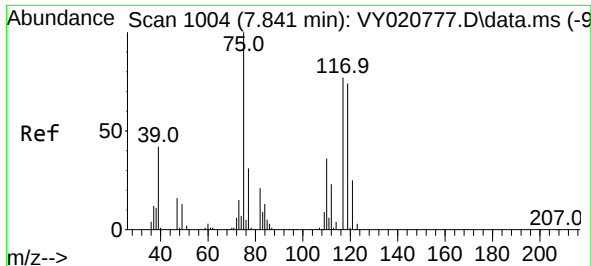
Ion Ratio Lower Upper

113 100

111 102.7 81.7 122.5

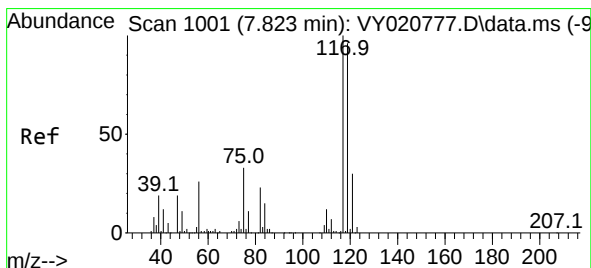
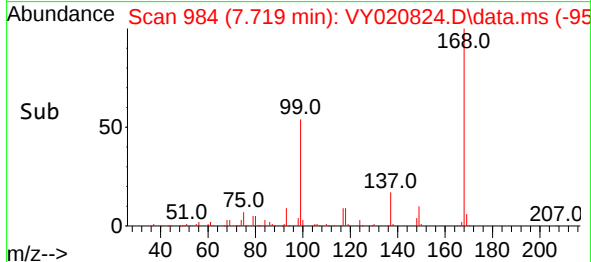
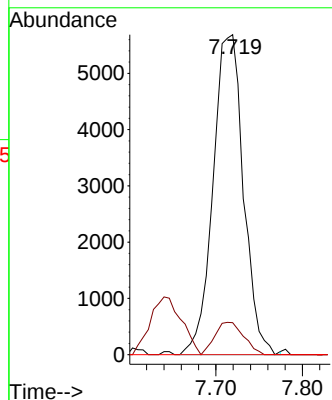
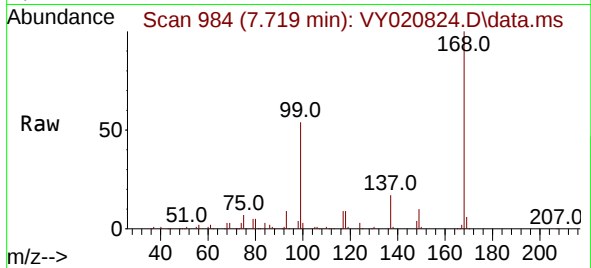
192 21.5 16.7 25.1





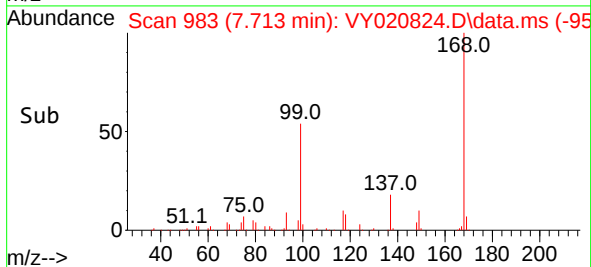
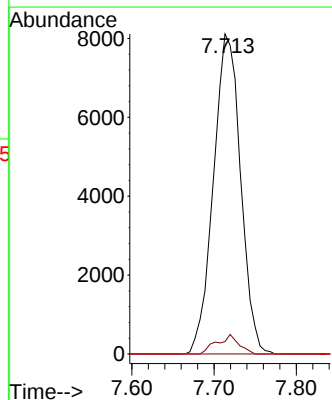
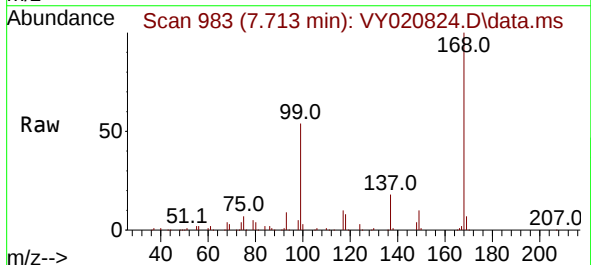
#36
1,1-Dichloropropene
Concen: 5.197 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

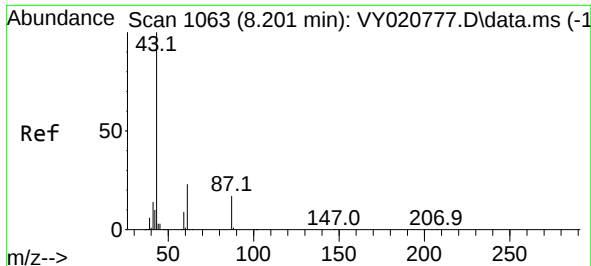
Tgt Ion: 75 Resp: 13876
Ion Ratio Lower Upper
75 100
110 9.6 18.5 55.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.007 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

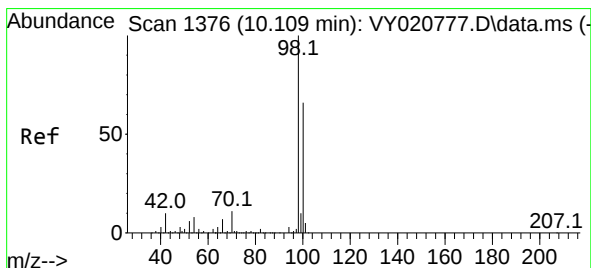
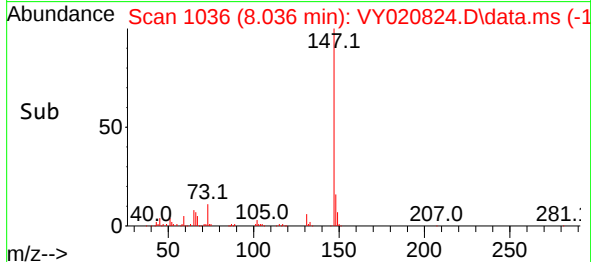
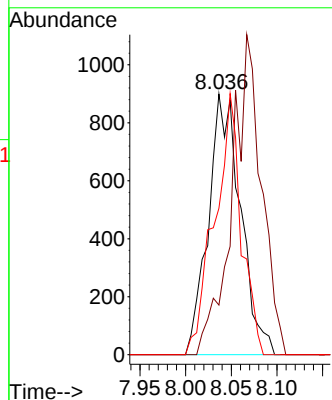
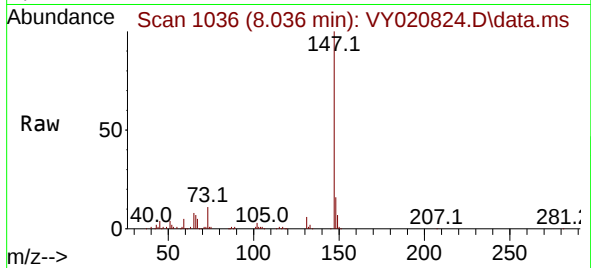
Tgt Ion: 117 Resp: 18610
Ion Ratio Lower Upper
117 100
119 3.8 76.5 114.7#
121 0.0 24.3 36.5#





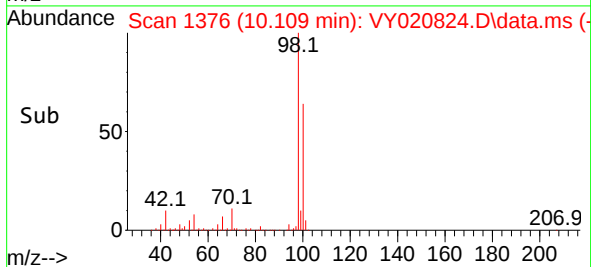
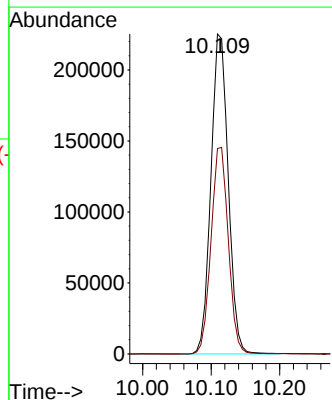
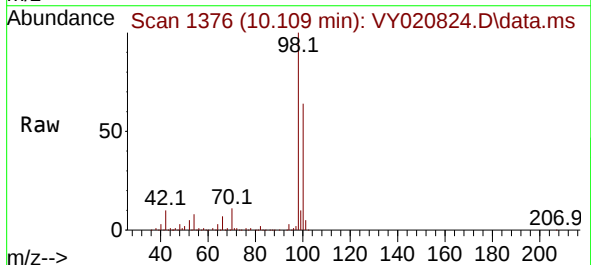
#43
Isopropyl Acetate
Concen: 1.018 ug/l
RT: 8.036 min Scan# 1036
Delta R.T. -0.165 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

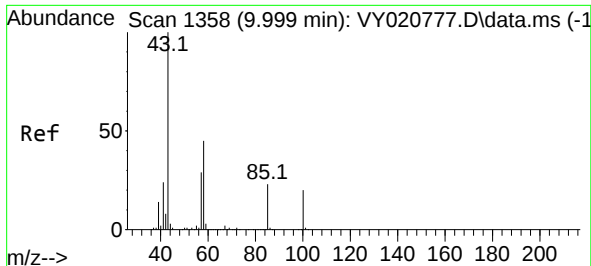
Tgt Ion: 43 Resp: 2201
Ion Ratio Lower Upper
43 100
61 0.0 26.5 39.7#
87 82.9 13.4 20.0#



#50
Toluene-d8
Concen: 54.180 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

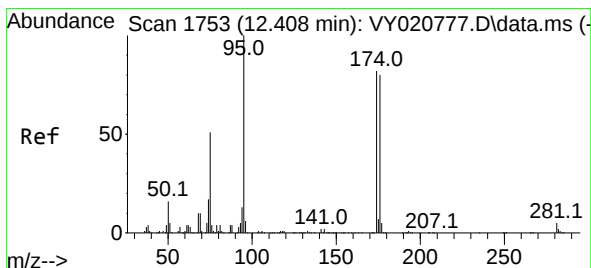
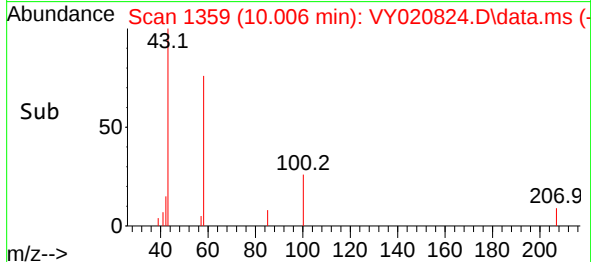
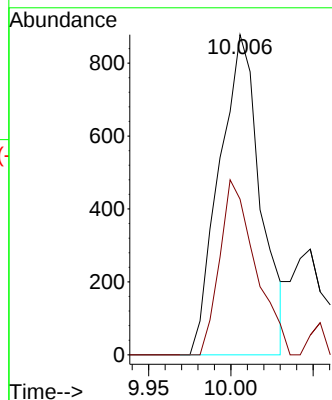
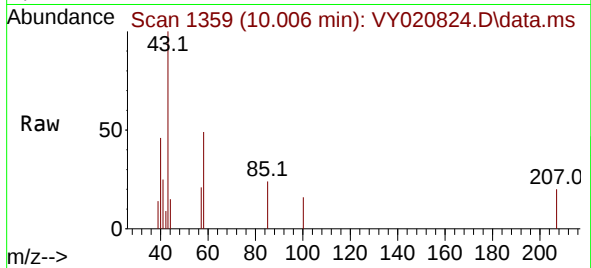
Tgt Ion: 98 Resp: 395394
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7





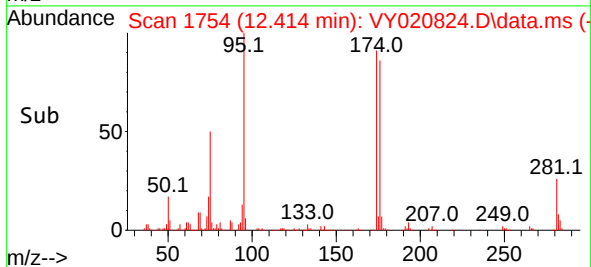
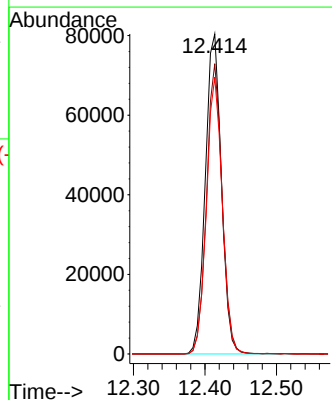
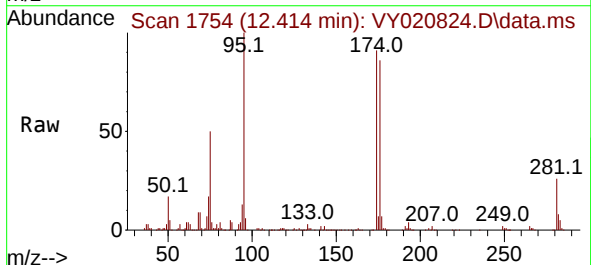
#51
4-Methyl-2-Pentanone
Concen: 1.418 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

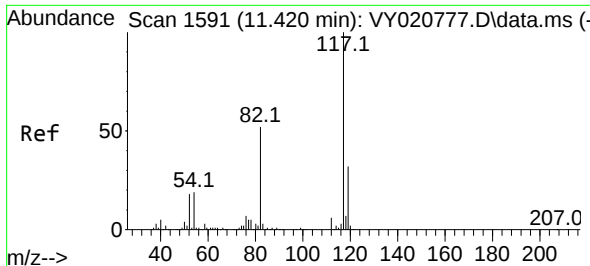
Tgt Ion: 43 Resp: 1531
Ion Ratio Lower Upper
43 100
58 47.5 34.8 52.2



#62
4-Bromofluorobenzene
Concen: 46.588 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

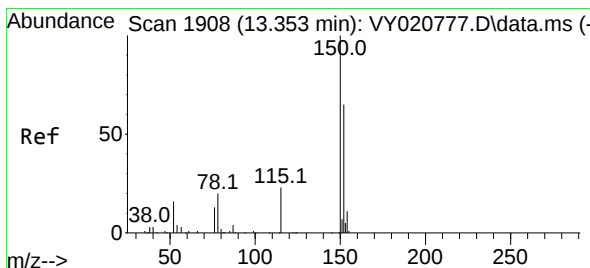
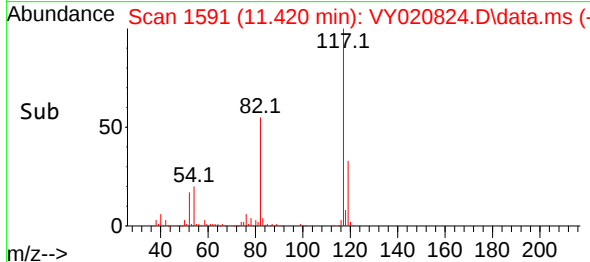
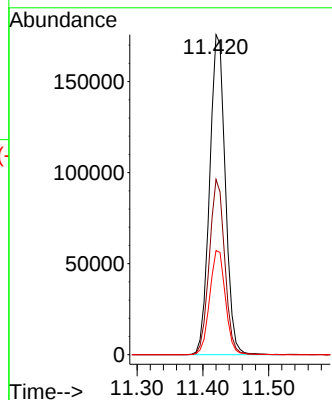
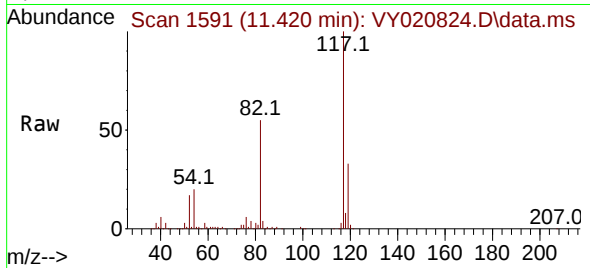
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Ion Ratio Lower Upper
95 100
174 88.4 0.0 178.0
176 85.0 0.0 172.0





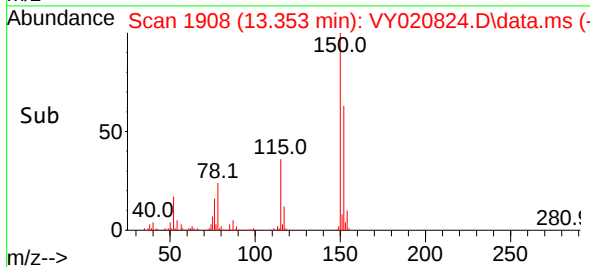
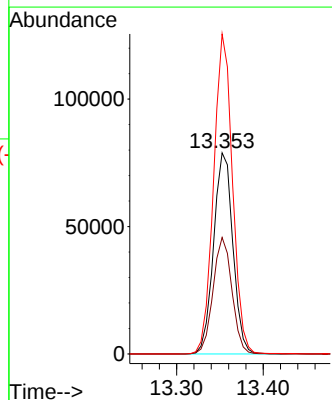
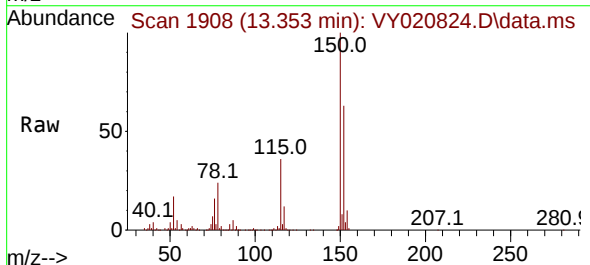
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

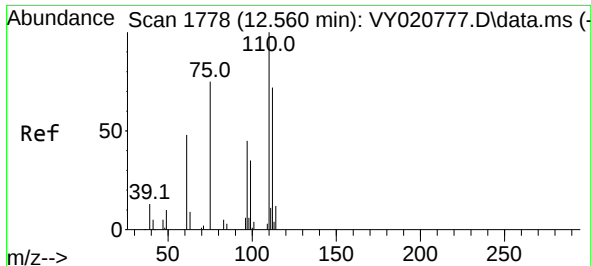
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.8	41.8	62.6
119	32.6	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

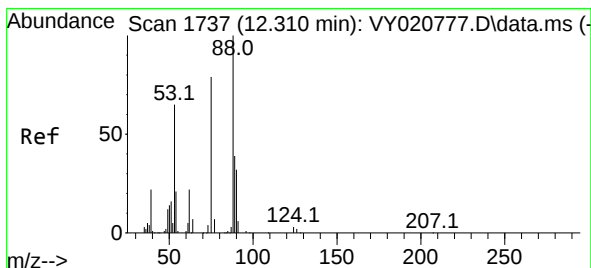
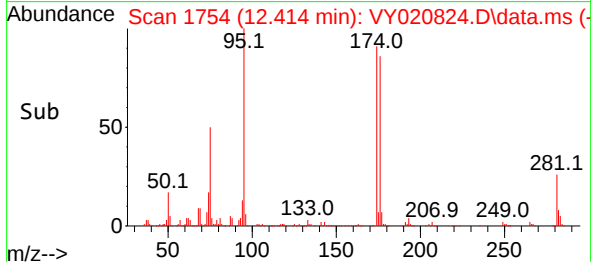
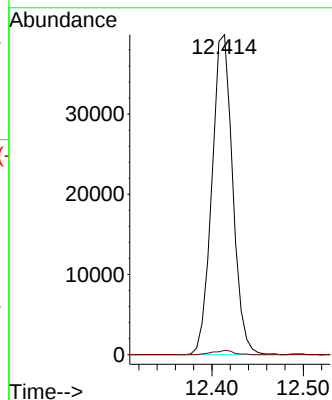
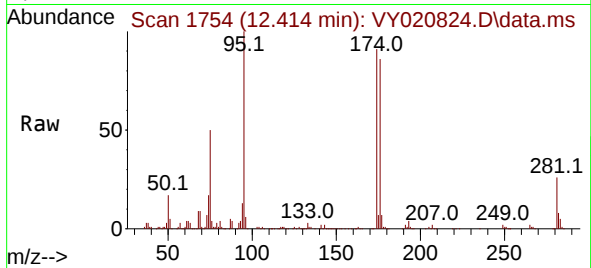
Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	29.0	87.0
150	155.6	0.0	347.4





#76
1,2,3-Trichloropropane
Concen: 58.882 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

Tgt Ion: 75 Resp: 62888
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.155 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.104 min
Lab File: VY020824.D
Acq: 14 Jan 2025 16:02

Tgt Ion: 75 Resp: 62888
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.0#
89 0.4 39.6 59.4#

