

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020880.D
 Acq On : 20 Jan 2025 14:38
 Operator : SY/MD
 Sample : Q1132-04
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 21 00:42:14 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)

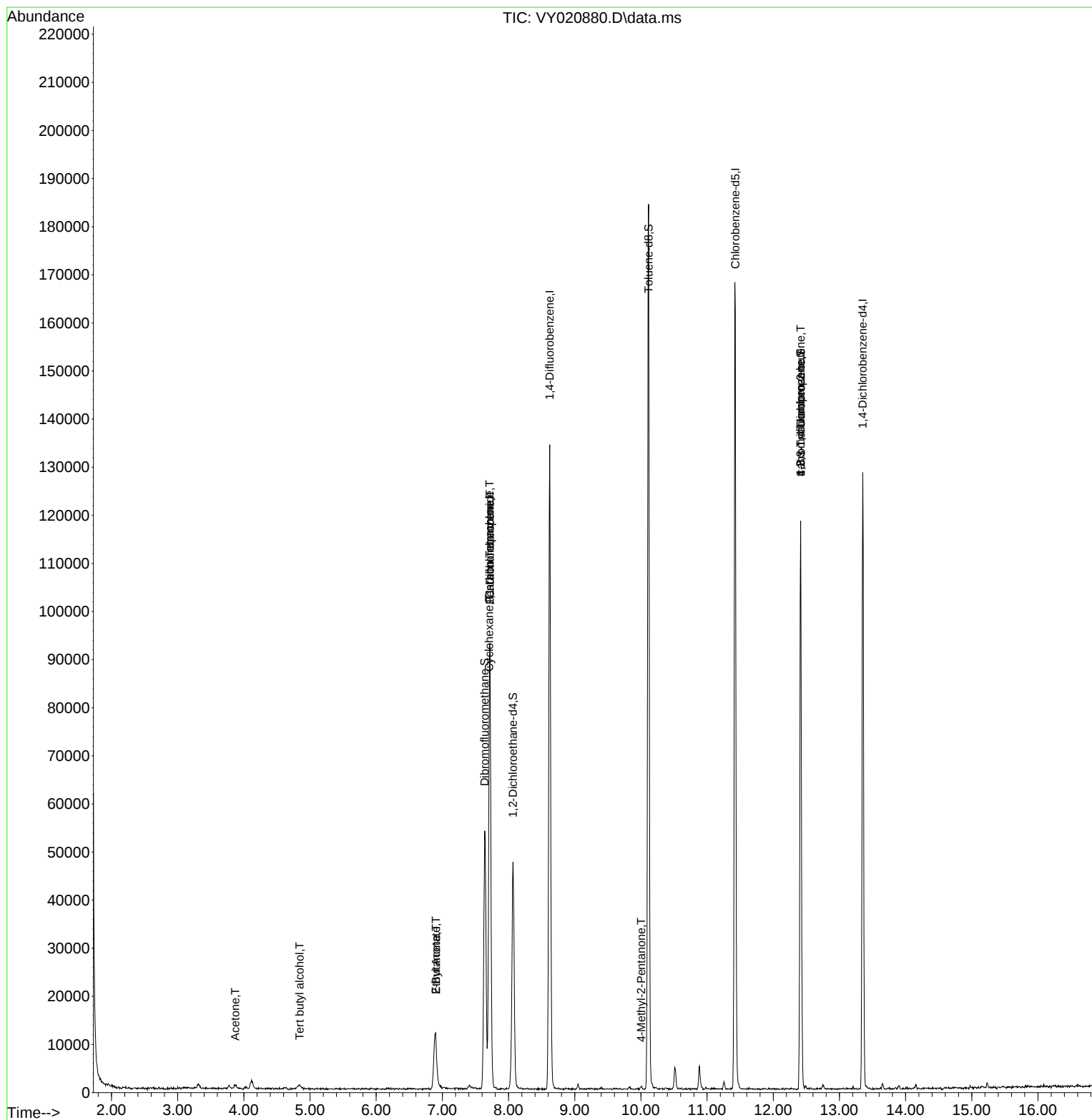
Internal Standards						
1) Pentafluorobenzene	7.719	168	76510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	117900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	96350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	35362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	37676	57.936	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.880%			
35) Dibromofluoromethane	7.640	113	38508	52.134	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.260%			
50) Toluene-d8	10.115	98	126725	49.216	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.440%			
62) 4-Bromofluorobenzene	12.414	95	34469	36.250	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 72.500%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.842	59	609	12.393	ug/l #	73
16) Acetone	3.873	43	1346	14.555	ug/l	89
25) 2-Butanone	6.902	43	638	4.200	ug/l #	45
31) Cyclohexane	7.707	56	1229	1.299	ug/l #	1
36) 1,1-Dichloropropene	7.719	75	4959	5.264	ug/l #	50
37) Ethyl Acetate	6.902	43	638	1.702	ug/l #	1
38) Carbon Tetrachloride	7.713	117	7238	5.519	ug/l #	18
51) 4-Methyl-2-Pentanone	10.006	43	506	1.328	ug/l #	81
76) 1,2,3-Trichloropropane	12.414	75	17325	55.994	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	17325	118.065	ug/l #	14

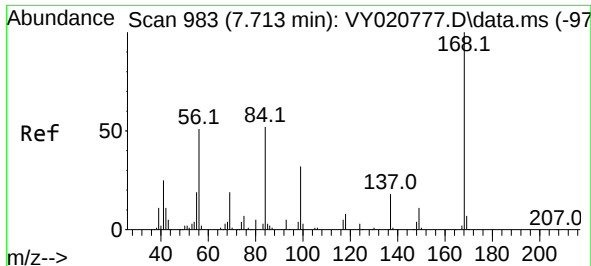
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
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Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
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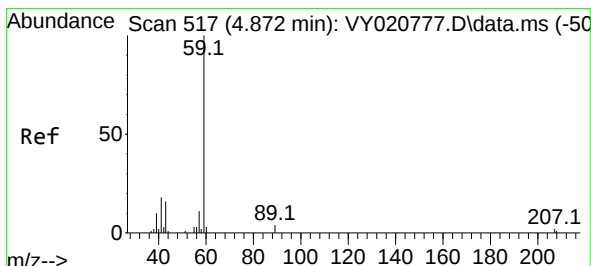
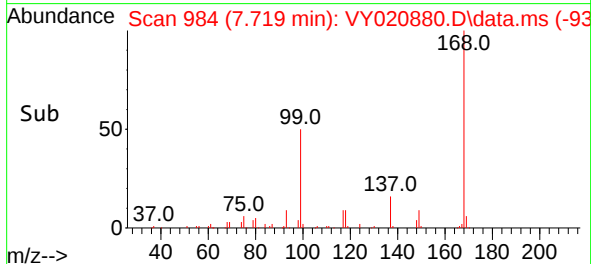
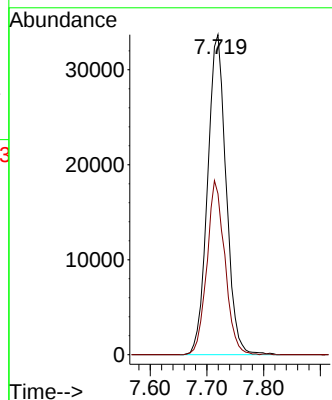
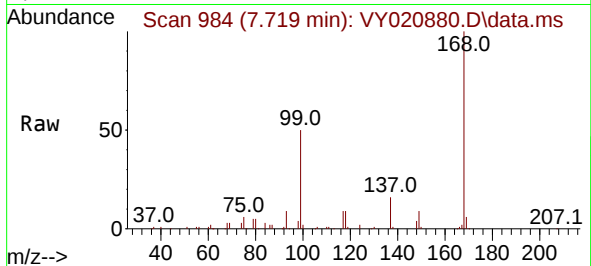




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020880.D
Acq: 20 Jan 2025 14:38

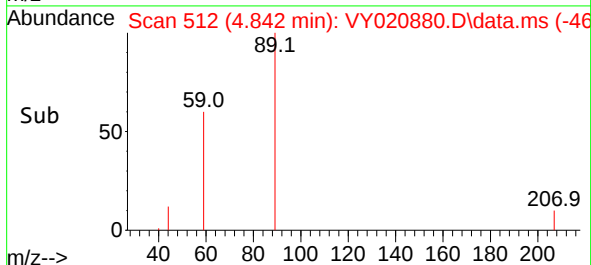
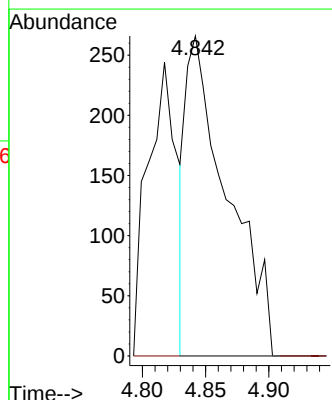
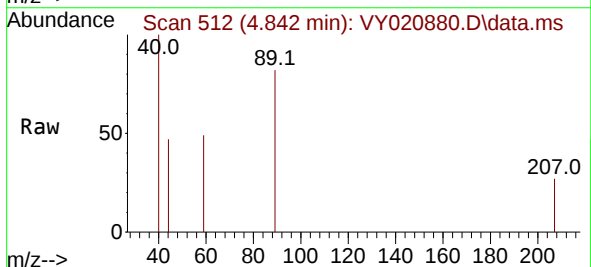
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 76510
Ion Ratio Lower Upper
168 100
99 50.3 44.3 66.5



#11
Tert butyl alcohol
Concen: 12.393 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.031 min
Lab File: VY020880.D
Acq: 20 Jan 2025 14:38

Tgt Ion: 59 Resp: 609
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

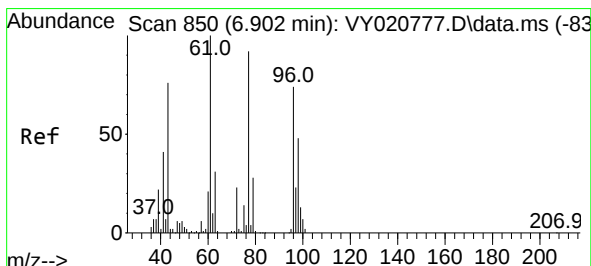
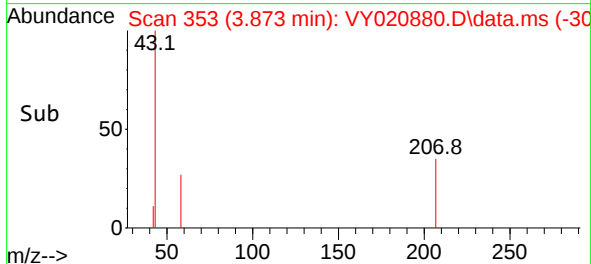
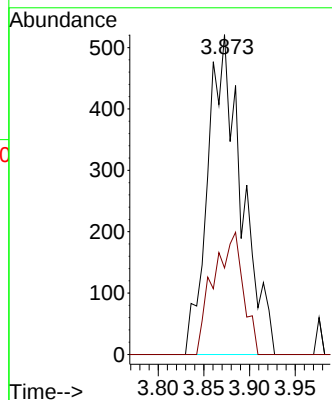
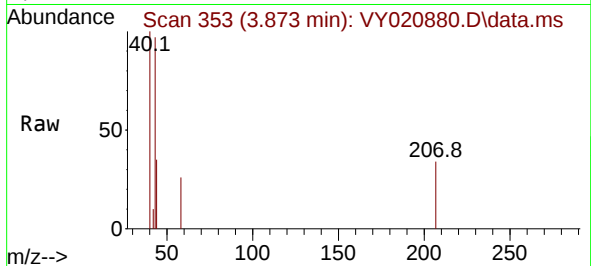




#16
Acetone
Concen: 14.555 ug/l
RT: 3.873 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY020880.D
Acq: 20 Jan 2025 14:38

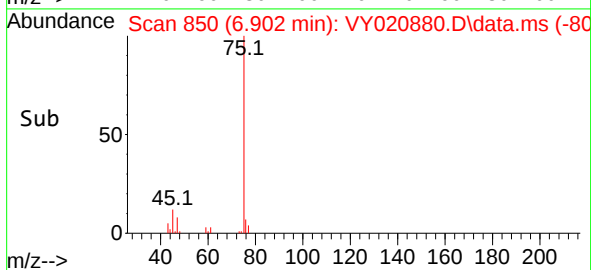
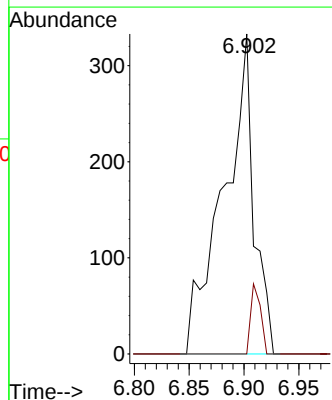
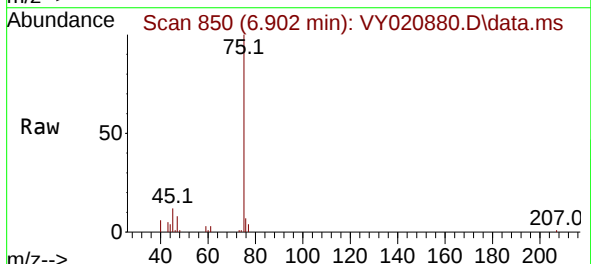
Instrument :
MSVOA_Y
ClientSampleId :

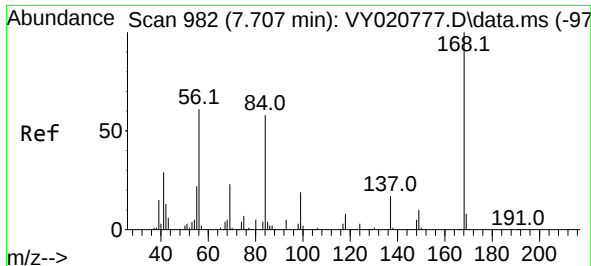
Tgt Ion: 43 Resp: 1346
Ion Ratio Lower Upper
43 100
58 27.1 26.7 40.1



#25
2-Butanone
Concen: 4.200 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY020880.D
Acq: 20 Jan 2025 14:38

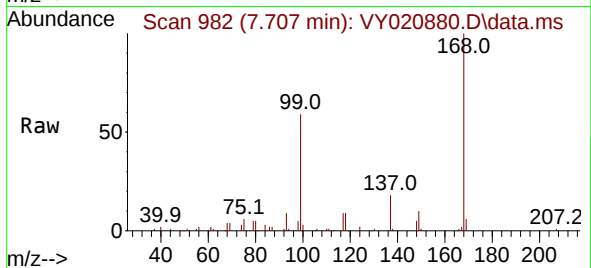
Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#



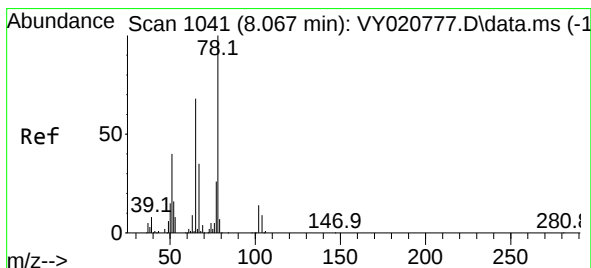
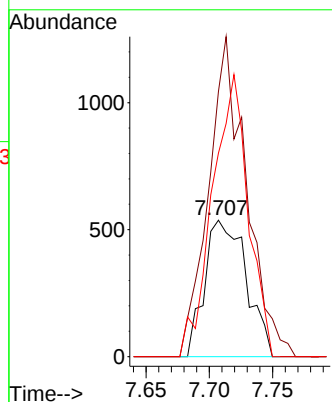
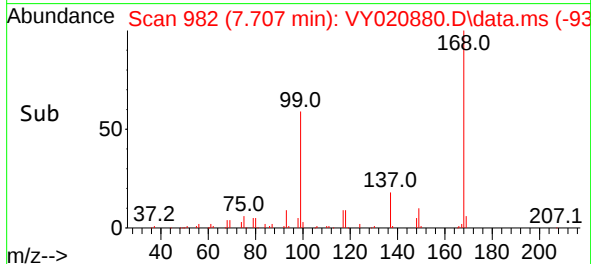


#31
Cyclohexane
Concen: 1.299 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020880.D
Acq: 20 Jan 2025 14:38

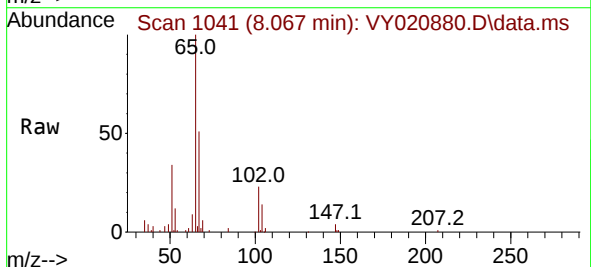
Instrument :
MSVOA_Y
ClientSampleId :



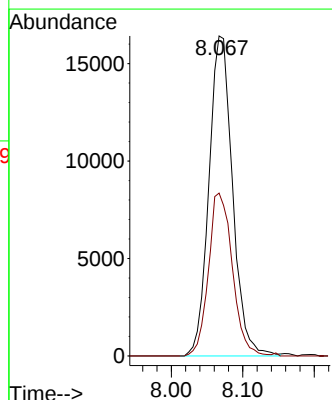
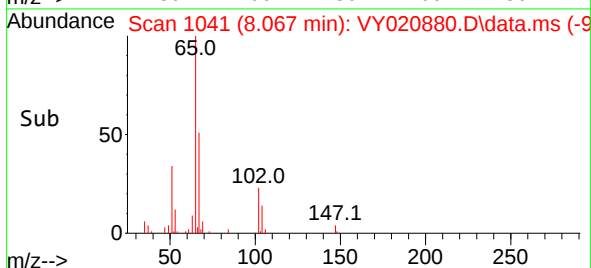
Tgt Ion: 56 Resp: 1229
Ion Ratio Lower Upper
56 100
69 194.4 30.5 45.7#
84 149.2 76.6 115.0#

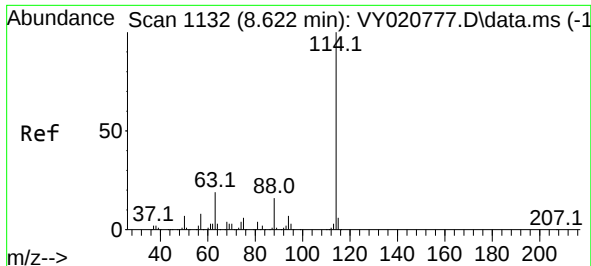


#33
1,2-Dichloroethane-d4
Concen: 57.936 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020880.D
Acq: 20 Jan 2025 14:38



Tgt Ion: 65 Resp: 37676
Ion Ratio Lower Upper
65 100
67 51.7 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

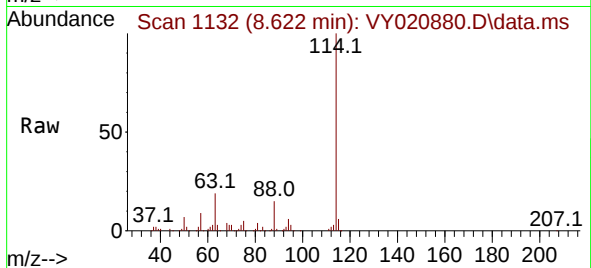
Lab File: VY020880.D

Acq: 20 Jan 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :



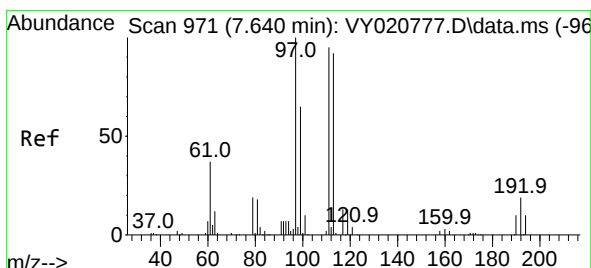
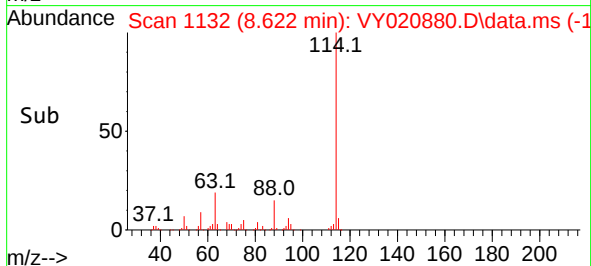
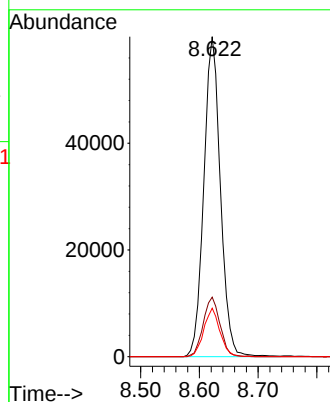
Tgt Ion:114 Resp: 117900

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.4

88 15.1 0.0 31.2



#35

Dibromofluoromethane

Concen: 52.134 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY020880.D

Acq: 20 Jan 2025 14:38

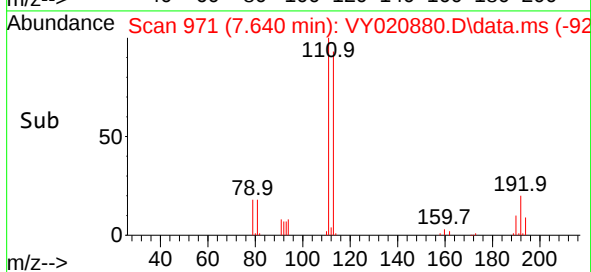
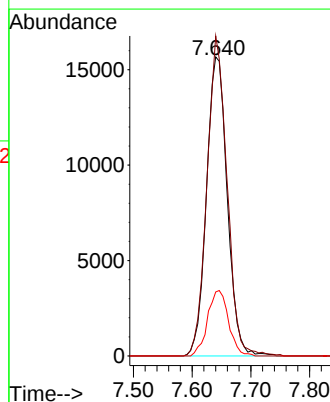
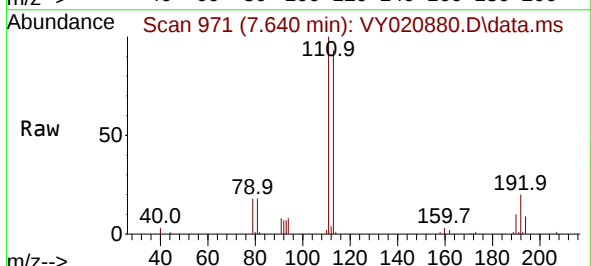
Tgt Ion:113 Resp: 38508

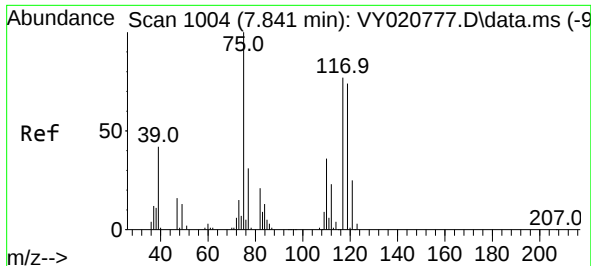
Ion Ratio Lower Upper

113 100

111 103.5 81.7 122.5

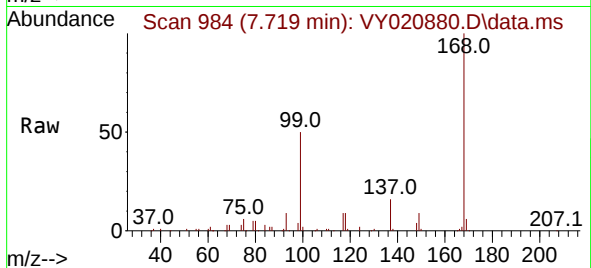
192 22.1 16.7 25.1



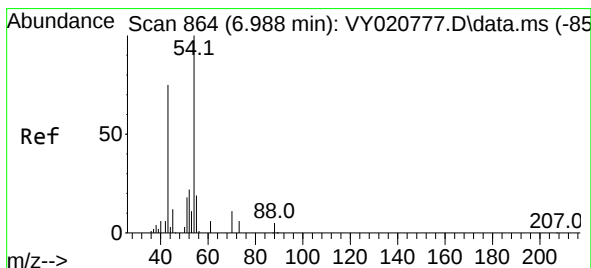
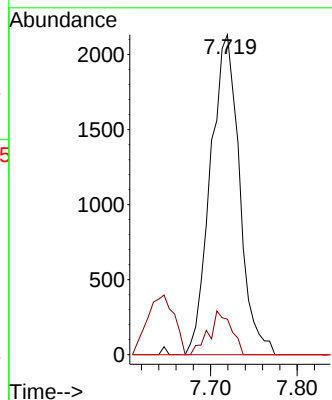
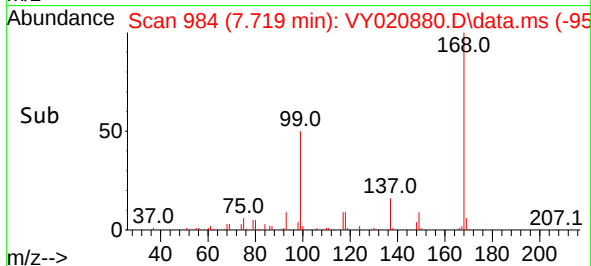


#36
1,1-Dichloropropene
Concen: 5.264 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY020880.D
Acq: 20 Jan 2025 14:38

Instrument :
MSVOA_Y
ClientSampleId :

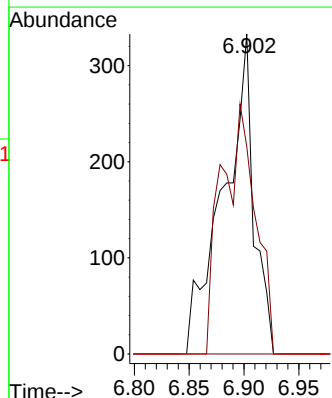
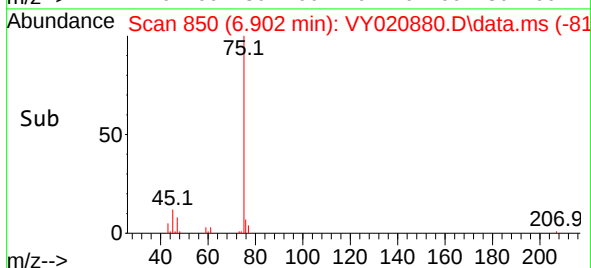
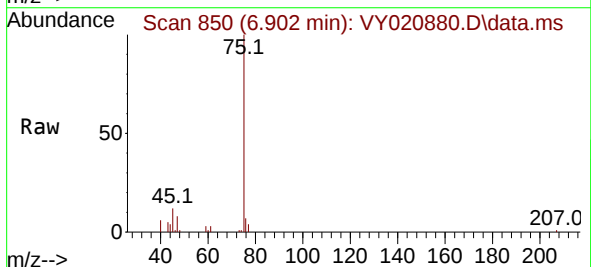


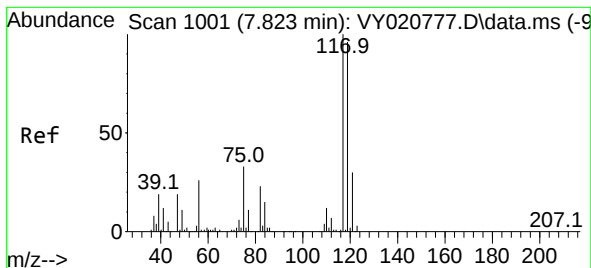
Tgt Ion: 75 Resp: 4959
Ion Ratio Lower Upper
75 100
110 10.5 18.5 55.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.702 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.085 min
Lab File: VY020880.D
Acq: 20 Jan 2025 14:38

Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
61 88.4 11.8 17.6#
70 0.0 9.8 14.8#





#38

Carbon Tetrachloride

Concen: 5.519 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.110 min

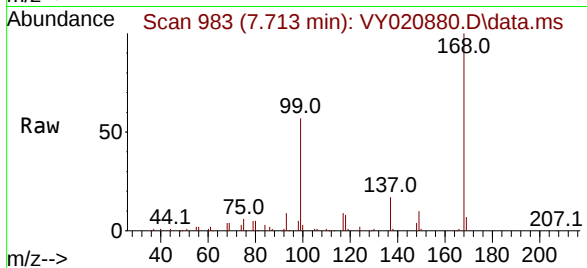
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Instrument :

MSVOA_Y

ClientSampleId :



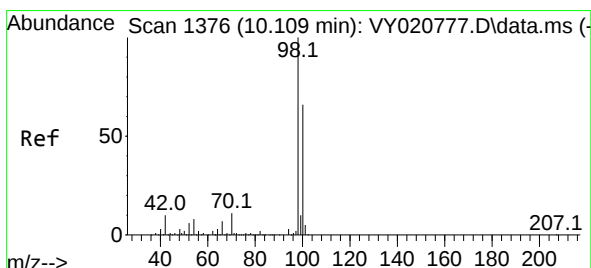
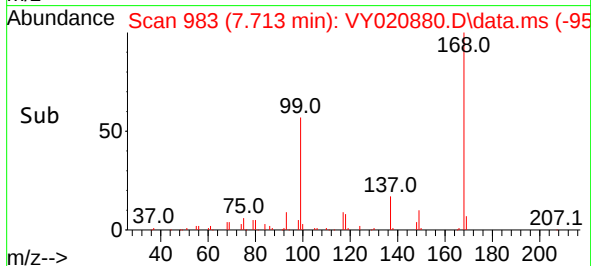
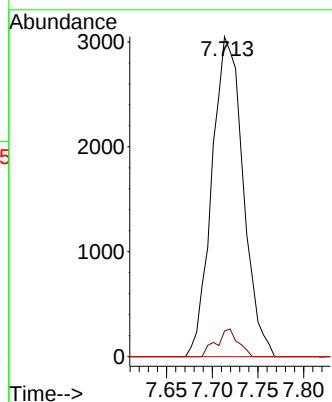
Tgt Ion:117 Resp: 7238

Ion Ratio Lower Upper

117 100

119 8.0 76.5 114.7#

121 0.0 24.3 36.5#



#50

Toluene-d8

Concen: 49.216 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020880.D

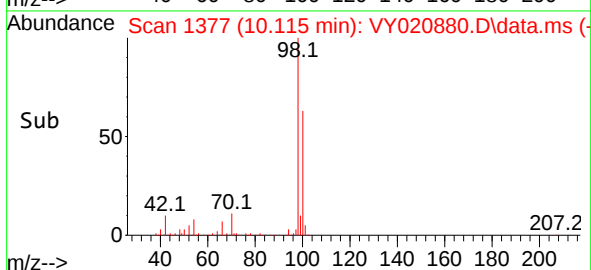
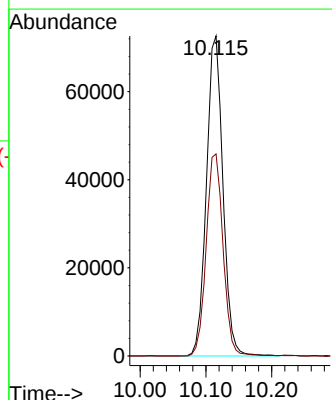
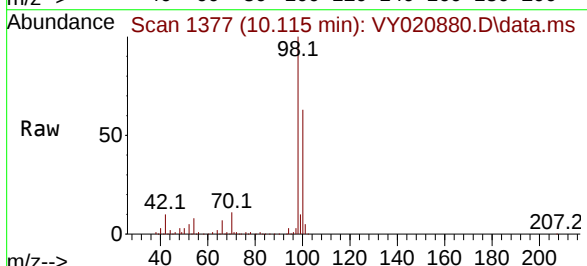
Acq: 20 Jan 2025 14:38

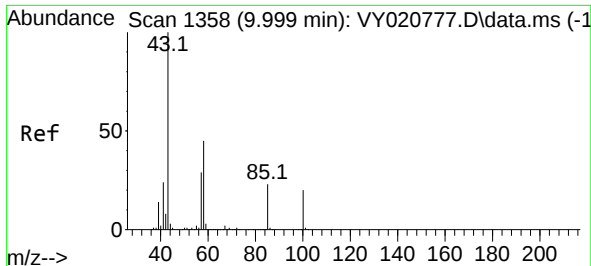
Tgt Ion: 98 Resp: 126725

Ion Ratio Lower Upper

98 100

100 64.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 1.328 ug/l

RT: 10.006 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020880.D

Acq: 20 Jan 2025 14:38

Instrument :

MSVOA_Y

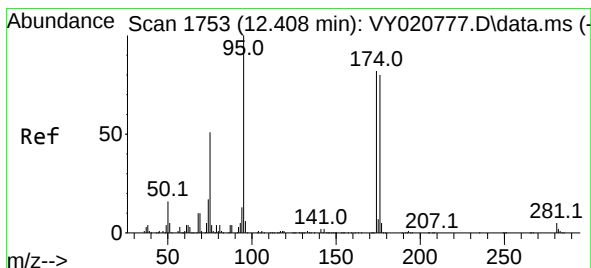
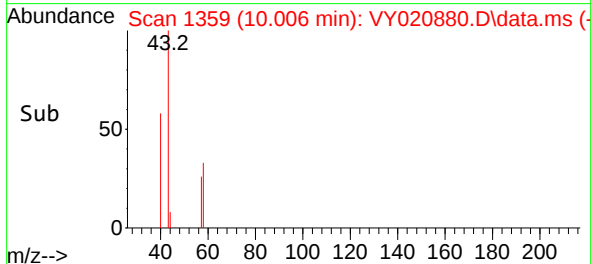
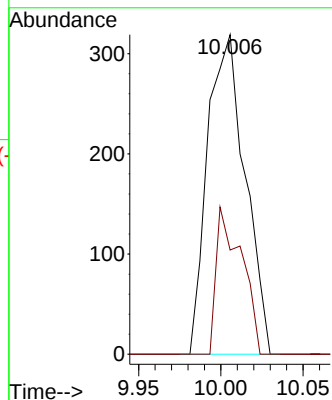
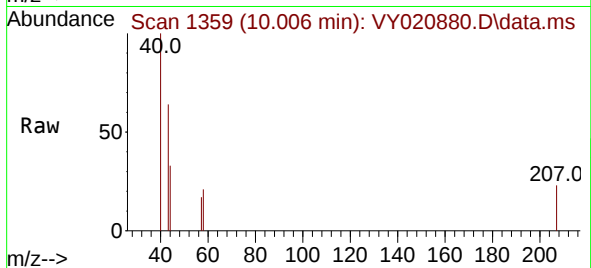
ClientSampleId :

Tgt Ion: 43 Resp: 506

Ion Ratio Lower Upper

43 100

58 31.0 34.8 52.2#



#62

4-Bromofluorobenzene

Concen: 36.250 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY020880.D

Acq: 20 Jan 2025 14:38

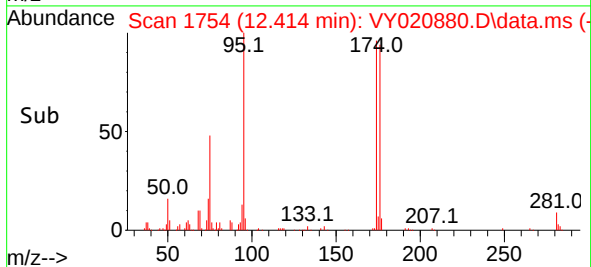
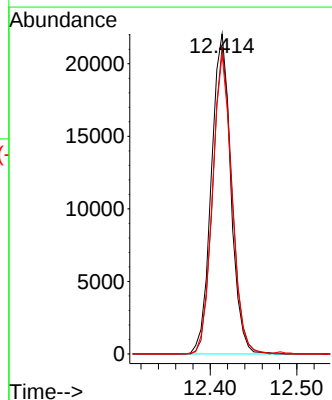
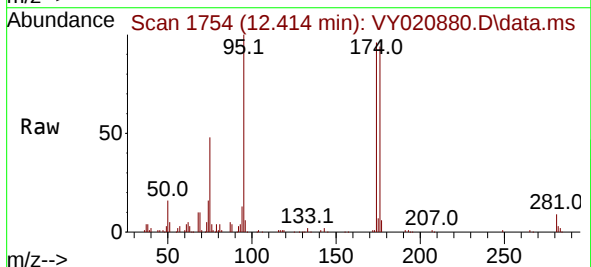
Tgt Ion: 95 Resp: 34469

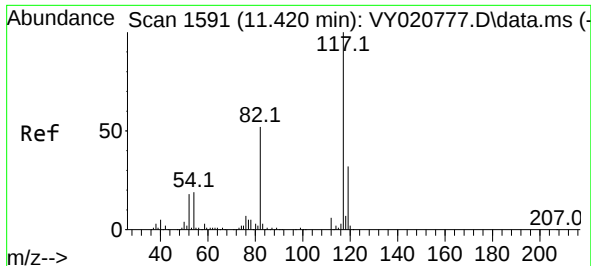
Ion Ratio Lower Upper

95 100

174 94.6 0.0 178.0

176 92.9 0.0 172.0

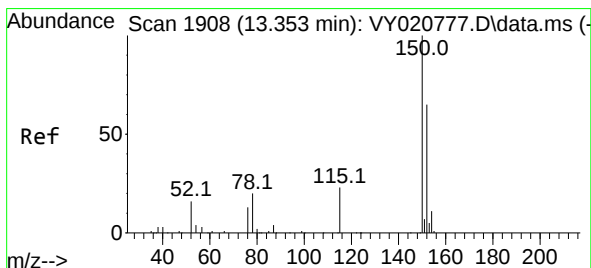
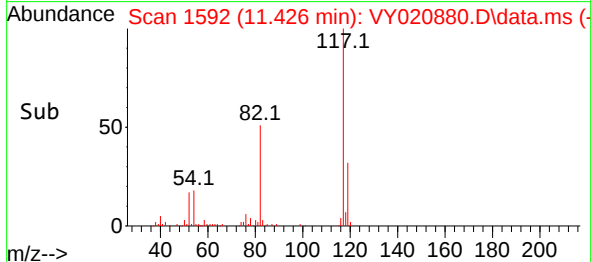
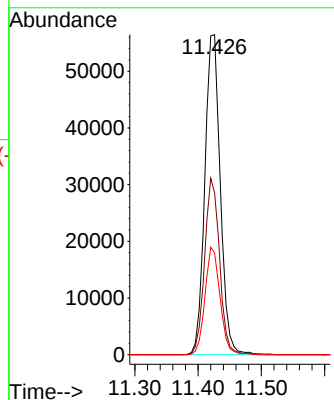
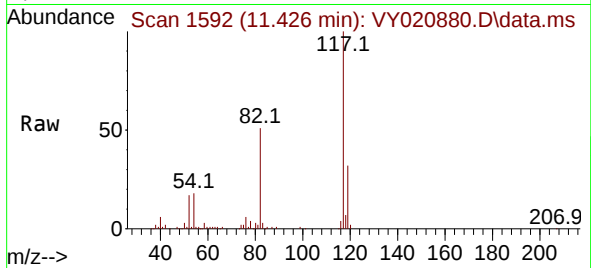




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020880.D
Acq: 20 Jan 2025 14:38

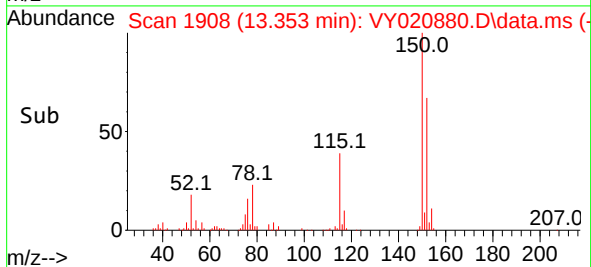
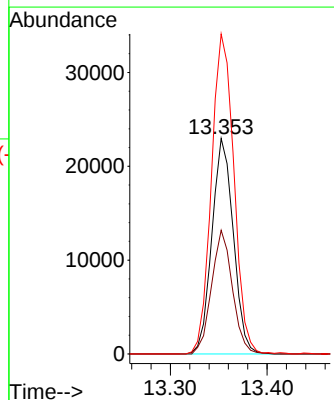
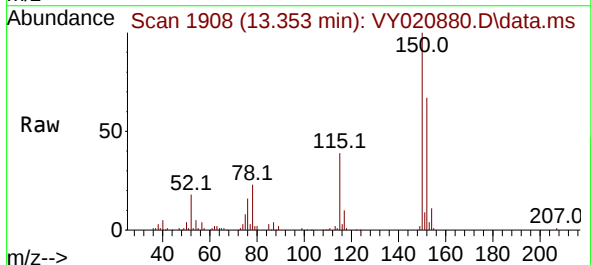
Instrument :
MSVOA_Y
ClientSampleId :

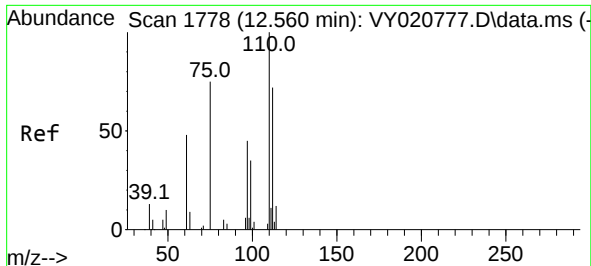
Tgt Ion:117 Resp: 96350
Ion Ratio Lower Upper
117 100
82 50.6 41.8 62.6
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY020880.D
Acq: 20 Jan 2025 14:38

Tgt Ion:152 Resp: 35362
Ion Ratio Lower Upper
152 100
115 55.9 29.0 87.0
150 155.8 0.0 347.4

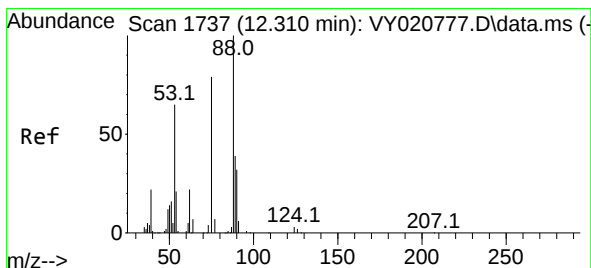
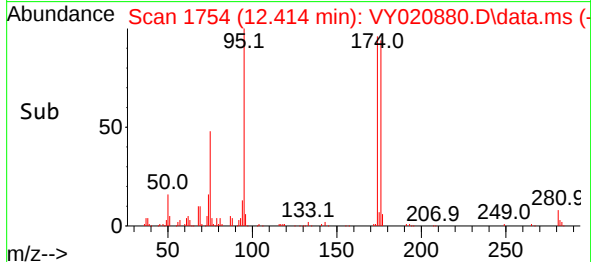
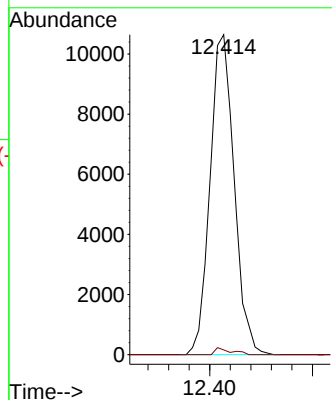
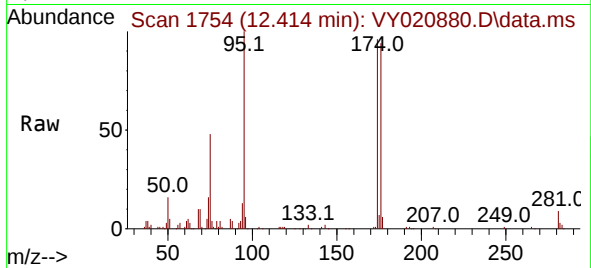




#76
1,2,3-Trichloropropane
Concen: 55.994 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY020880.D
Acq: 20 Jan 2025 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 17325
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.065 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.104 min
Lab File: VY020880.D
Acq: 20 Jan 2025 14:38

Tgt Ion: 75 Resp: 17325
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.0#
89 0.0 39.6 59.4#

