

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
 Data File : VY020918.D
 Acq On : 23 Jan 2025 18:12
 Operator : SY/MD
 Sample : Q1169-01RE
 Misc : 4.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 24 00:20:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

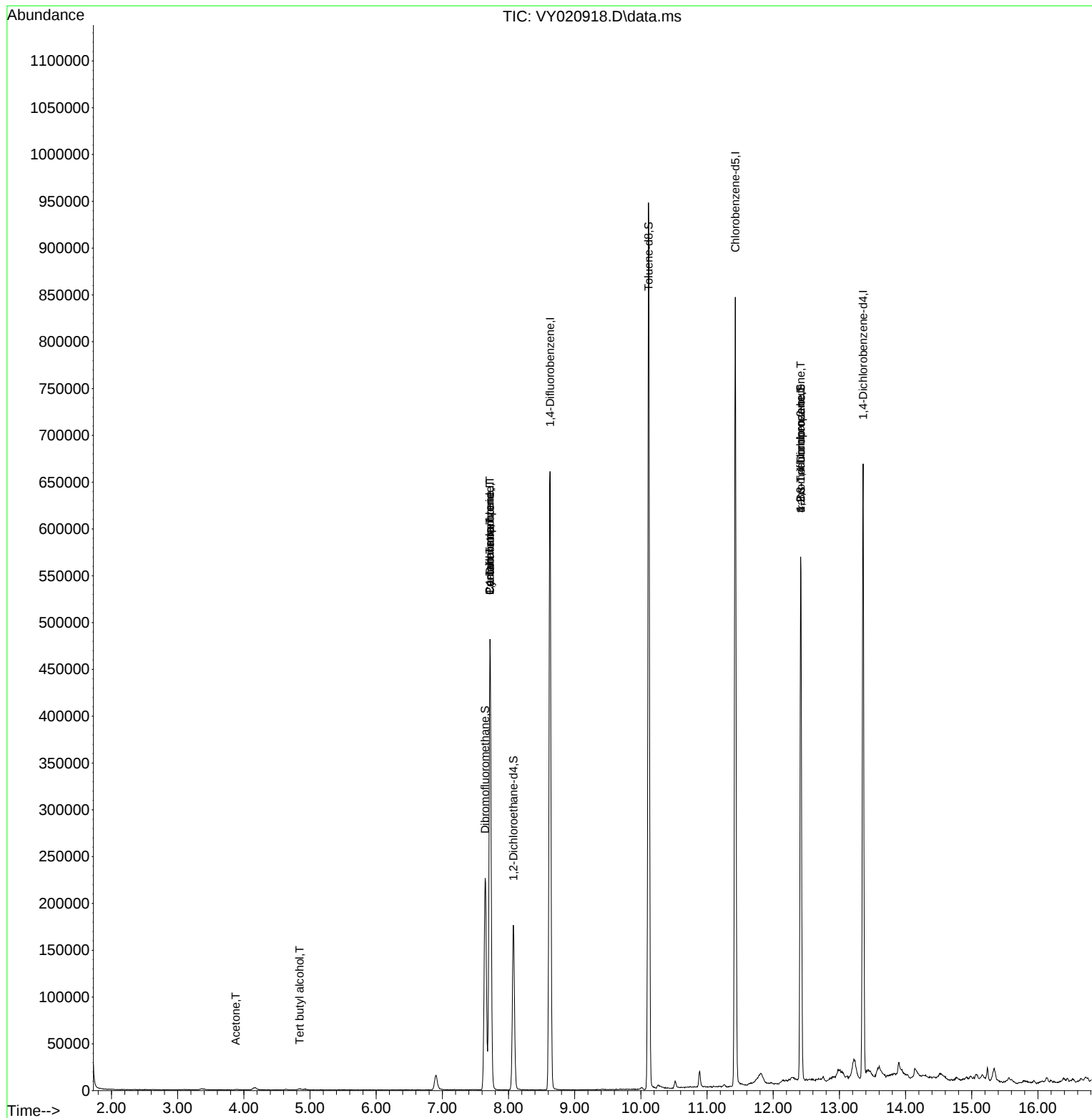
Internal Standards						
1) Pentafluorobenzene	7.719	168	389160	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.628	114	598848	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.426	117	456004	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	172566	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	142226	42.998	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.000%
35) Dibromofluoromethane	7.646	113	164356	43.808	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.620%
50) Toluene-d8	10.115	98	620427	47.438	ug/l	-0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.880%
62) 4-Bromofluorobenzene	12.414	95	176505	36.546	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	565	2.261	ug/l #	73
16) Acetone	3.879	43	1099	2.336	ug/l #	86
31) Cyclohexane	7.719	56	6511	1.353	ug/l #	1
36) 1,1-Dichloropropene	7.719	75	26087	5.451	ug/l #	50
38) Carbon Tetrachloride	7.719	117	36972	5.550	ug/l #	16
76) 1,2,3-Trichloropropane	12.414	75	90210	59.745	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	90210	125.974	ug/l #	14

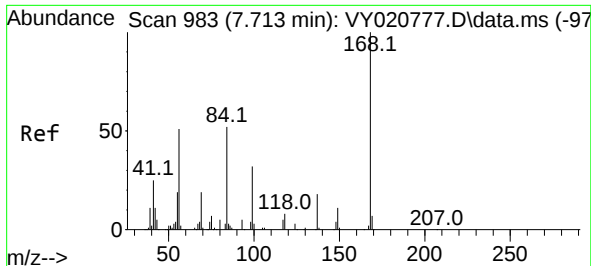
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
Data File : VY020918.D
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Misc : 4.27g/5.0mL/MSVOA_Y/SOIL
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MSVOA_Y
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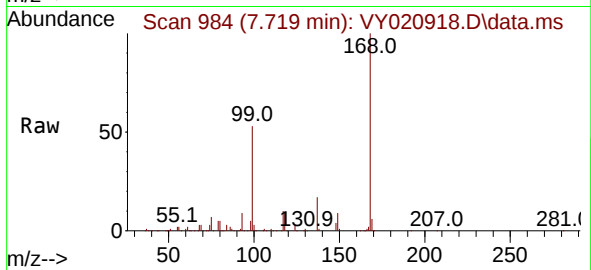
Quant Time: Jan 24 00:20:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 2025
Response via : Initial Calibration



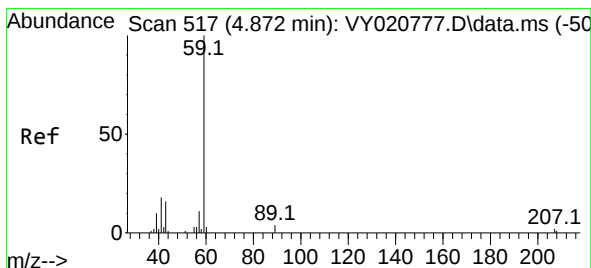
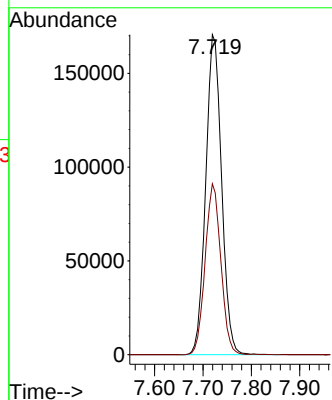
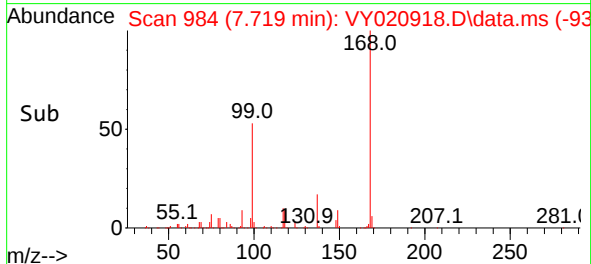


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY020918.D
Acq: 23 Jan 2025 18:12

Instrument :
MSVOA_Y
ClientSampleId :

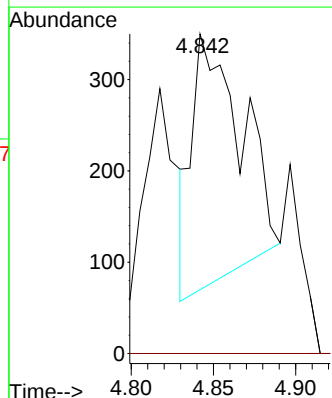
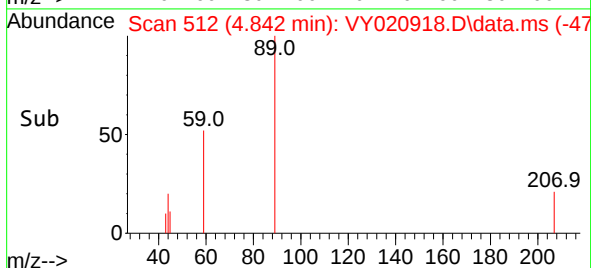
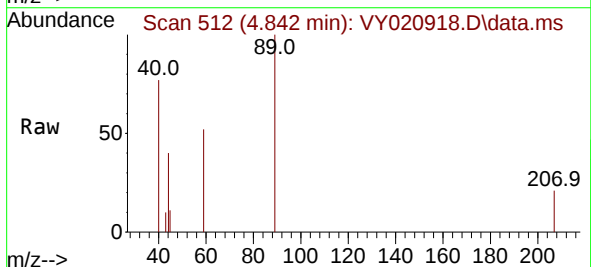


Tgt Ion:168 Resp: 389160
Ion Ratio Lower Upper
168 100
99 53.4 44.3 66.5



#11
Tert butyl alcohol
Concen: 2.261 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.085 min
Lab File: VY020918.D
Acq: 23 Jan 2025 18:12

Tgt Ion: 59 Resp: 565
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

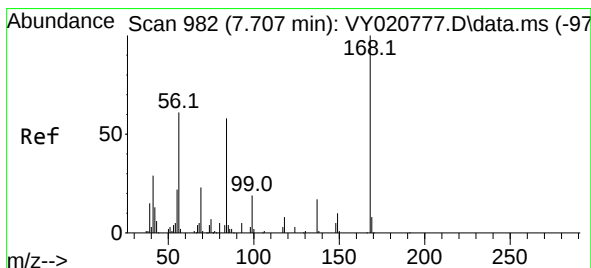
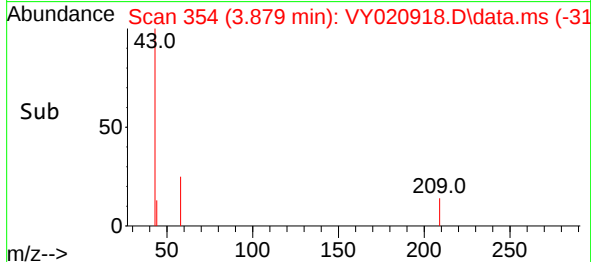
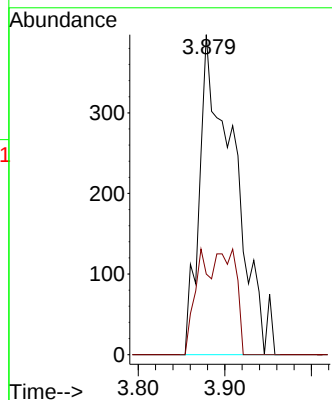
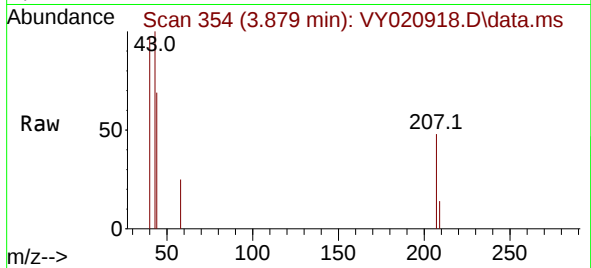




#16
Acetone
Concen: 2.336 ug/l
RT: 3.879 min Scan# 31
Delta R.T. -0.036 min
Lab File: VY020918.D
Acq: 23 Jan 2025 18:12

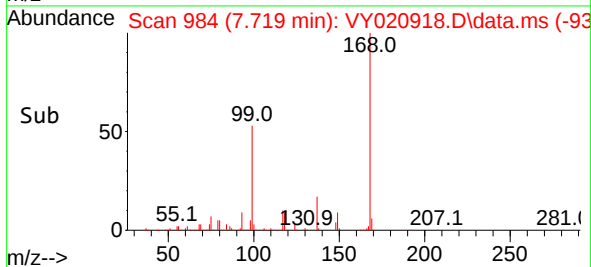
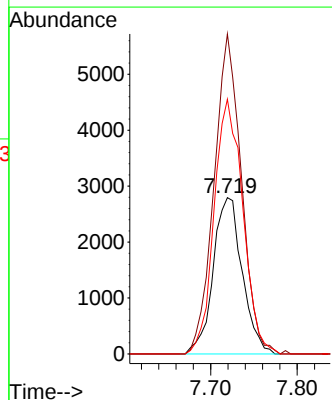
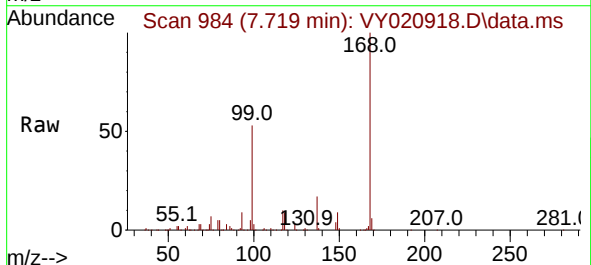
Instrument :
MSVOA_Y
ClientSampleId :

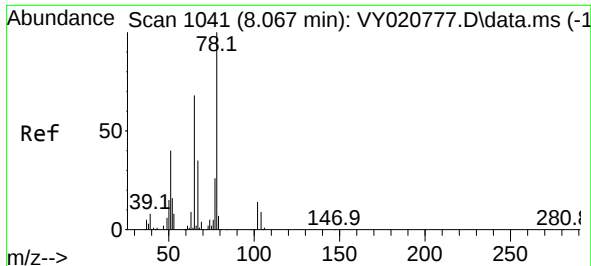
Tgt Ion: 43 Resp: 1099
Ion Ratio Lower Upper
43 100
58 25.2 26.7 40.1#



#31
Cyclohexane
Concen: 1.353 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.018 min
Lab File: VY020918.D
Acq: 23 Jan 2025 18:12

Tgt Ion: 56 Resp: 6511
Ion Ratio Lower Upper
56 100
69 204.7 30.5 45.7#
84 162.9 76.6 115.0#





#33

1,2-Dichloroethane-d4

Concen: 42.998 ug/l

RT: 8.073 min Scan# 110

Delta R.T. -0.018 min

Lab File: VY020918.D

Acq: 23 Jan 2025 18:12

Instrument :

MSVOA_Y

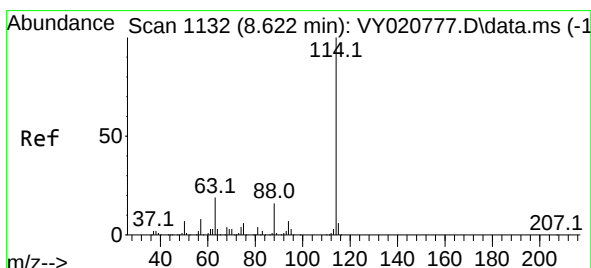
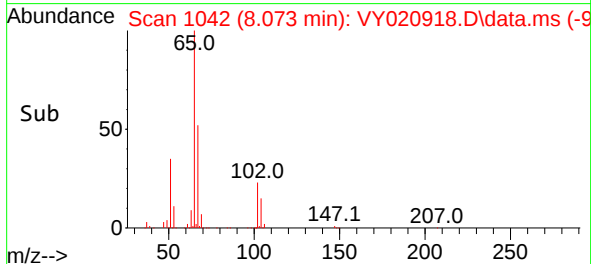
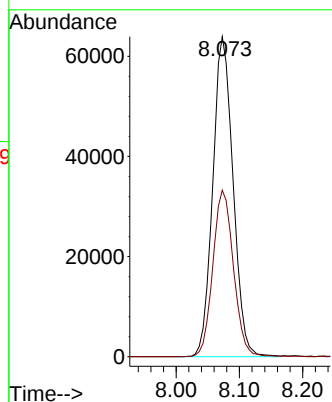
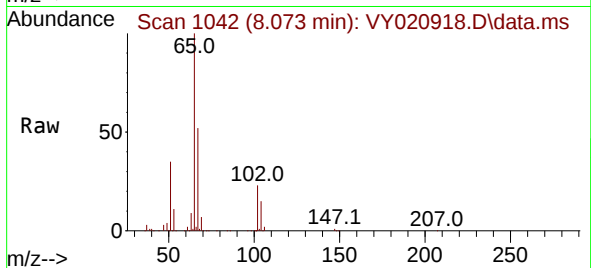
ClientSampleId :

Tgt Ion: 65 Resp: 142226

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. -0.012 min

Lab File: VY020918.D

Acq: 23 Jan 2025 18:12

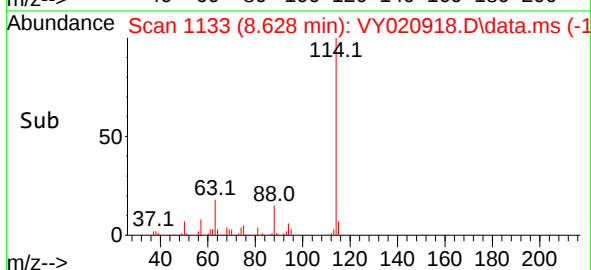
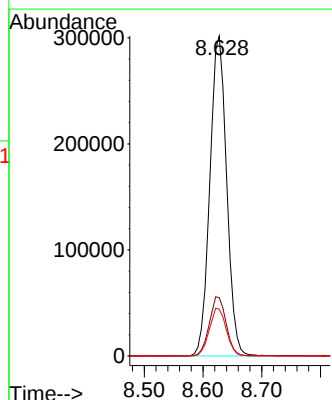
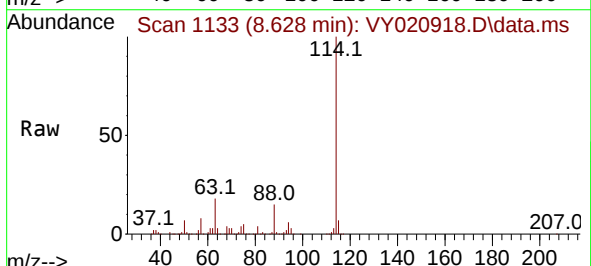
Tgt Ion: 114 Resp: 598848

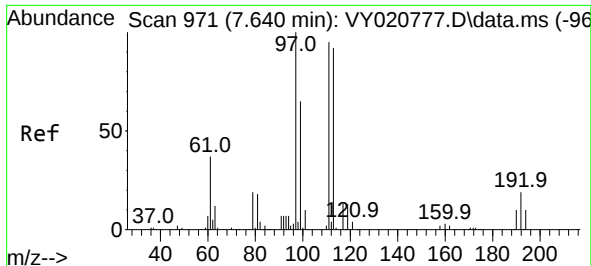
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

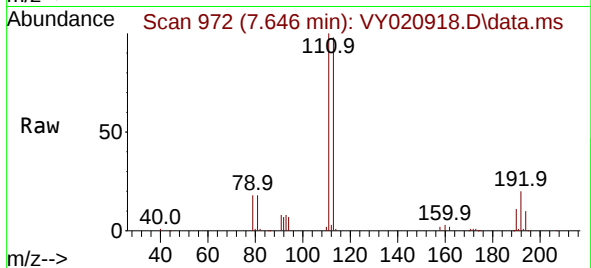
88 14.6 0.0 31.2



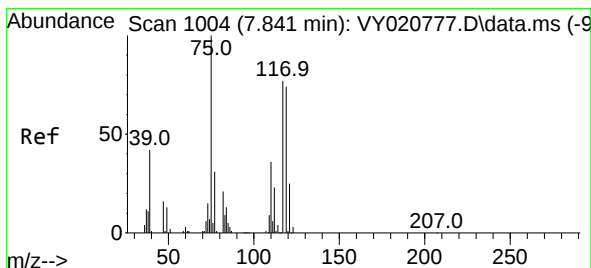
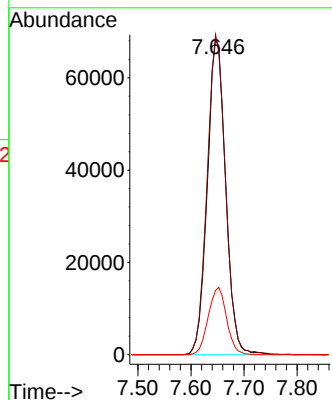
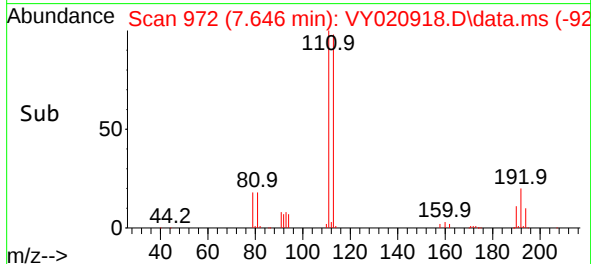


#35
Dibromofluoromethane
Concen: 43.808 ug/l
RT: 7.646 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY020918.D
Acq: 23 Jan 2025 18:12

Instrument :
MSVOA_Y
ClientSampleId :

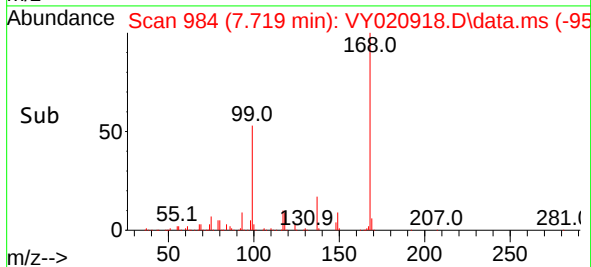
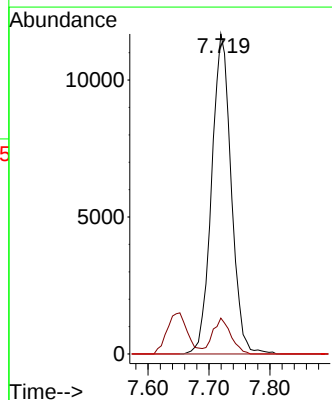
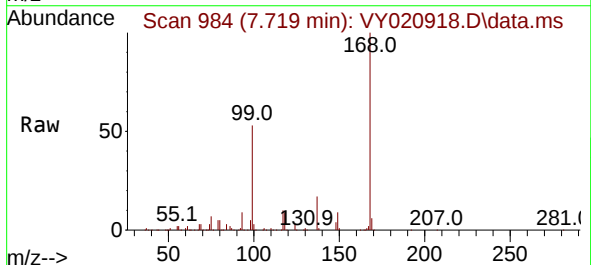


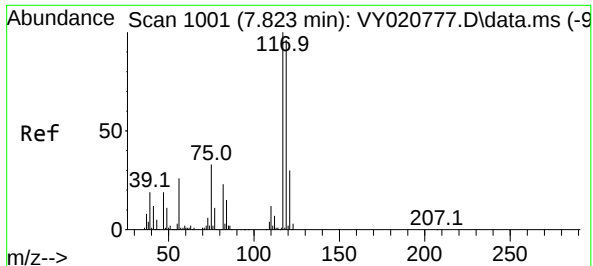
Tgt Ion:113 Resp: 164356
Ion Ratio Lower Upper
113 100
111 101.5 81.7 122.5
192 21.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.451 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.146 min
Lab File: VY020918.D
Acq: 23 Jan 2025 18:12

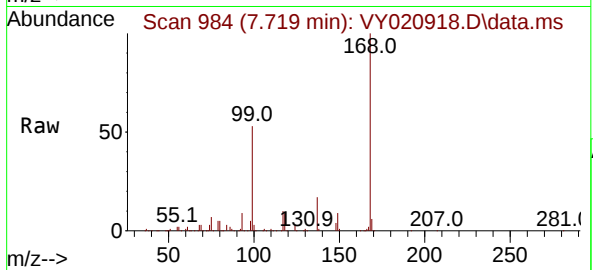
Tgt Ion: 75 Resp: 26087
Ion Ratio Lower Upper
75 100
110 10.3 18.5 55.5#
77 0.0 25.0 37.4#



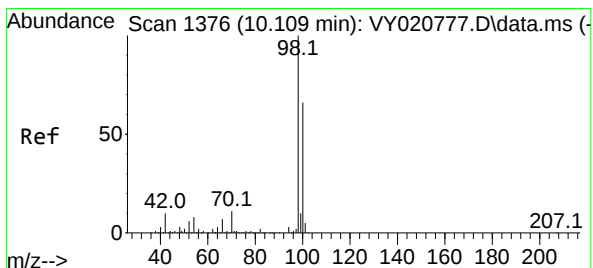
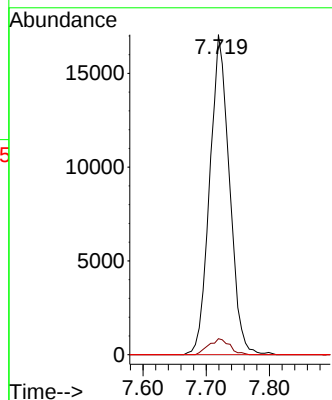
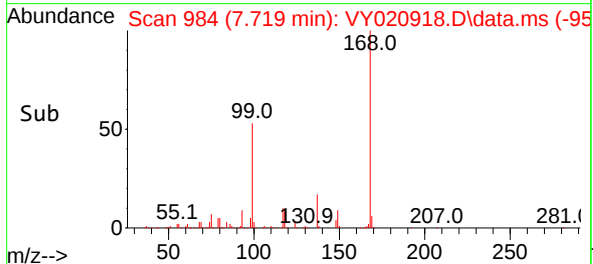


#38
Carbon Tetrachloride
Concen: 5.550 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY020918.D
Acq: 23 Jan 2025 18:12

Instrument :
MSVOA_Y
ClientSampleId :

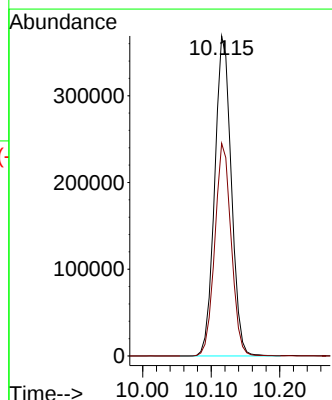
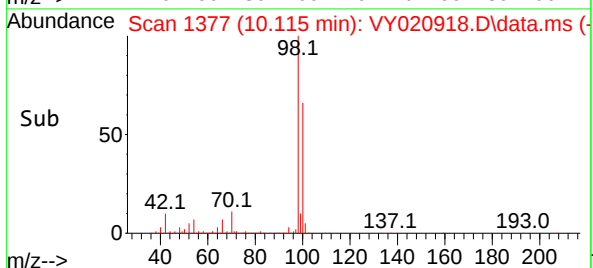
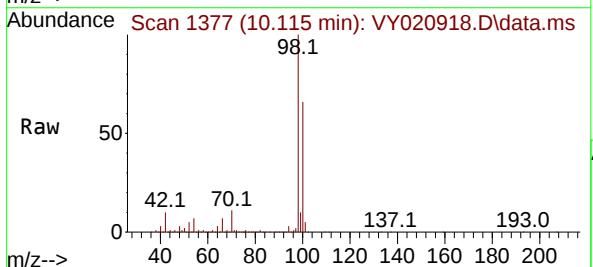


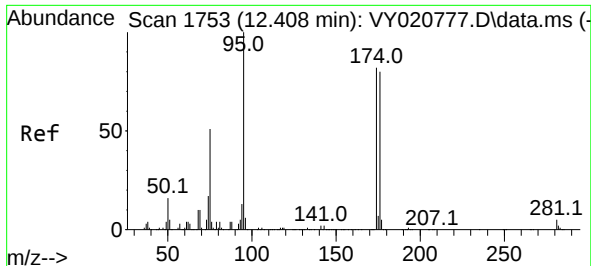
Tgt Ion:117 Resp: 36972
Ion Ratio Lower Upper
117 100
119 5.0 76.5 114.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 47.438 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. -0.018 min
Lab File: VY020918.D
Acq: 23 Jan 2025 18:12

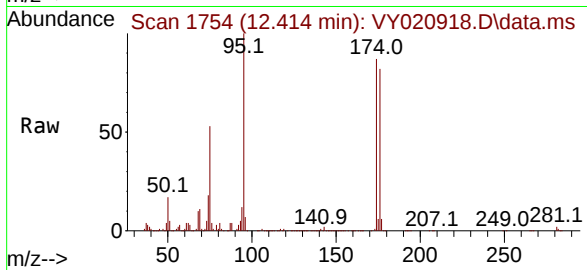
Tgt Ion: 98 Resp: 620427
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



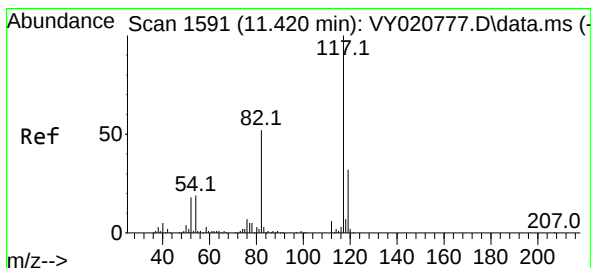
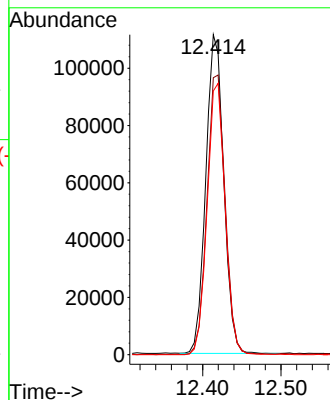
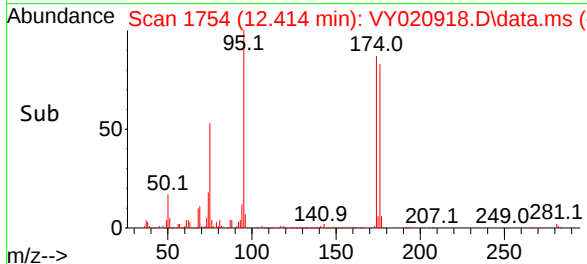


#62
4-Bromofluorobenzene
Concen: 36.546 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.012 min
Lab File: VY020918.D
Acq: 23 Jan 2025 18:12

Instrument :
MSVOA_Y
ClientSampleId :

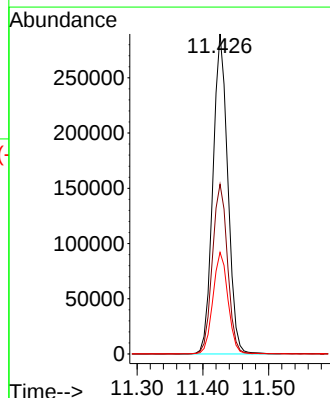
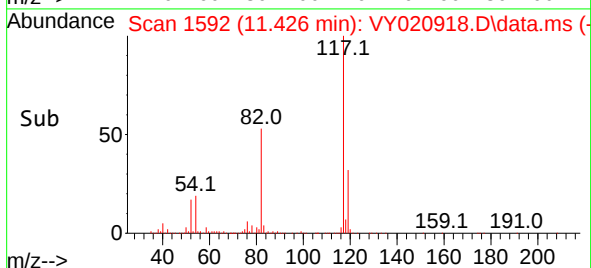
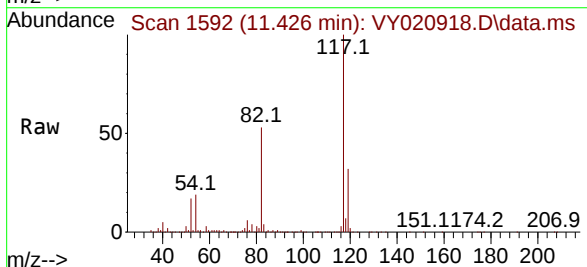


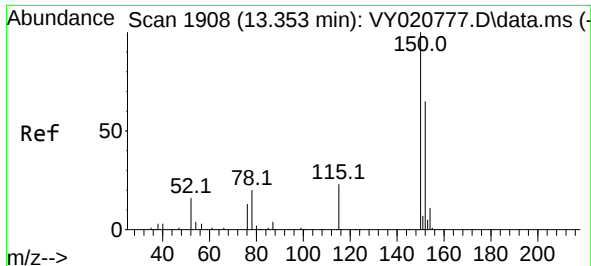
Tgt Ion: 95 Resp: 176505
Ion Ratio Lower Upper
95 100
174 89.4 0.0 178.0
176 85.2 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. -0.012 min
Lab File: VY020918.D
Acq: 23 Jan 2025 18:12

Tgt Ion: 117 Resp: 456004
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.6
119 31.7 25.8 38.8

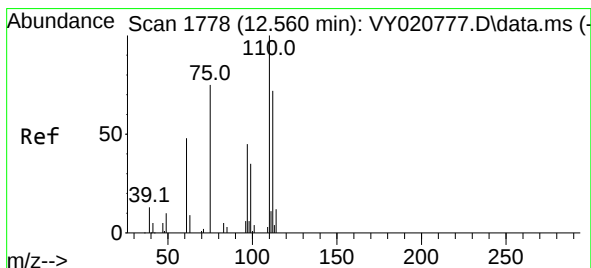
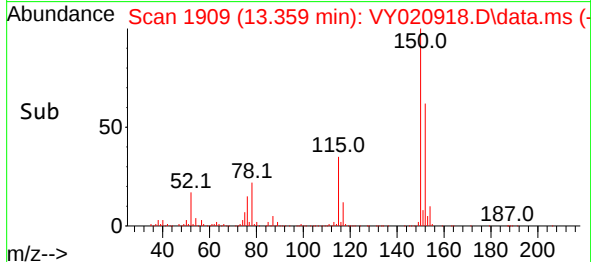
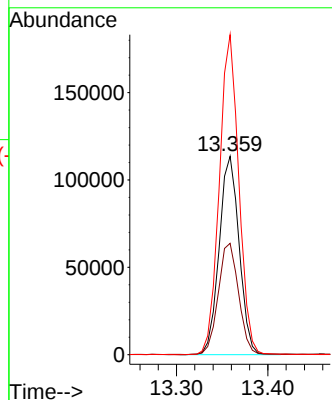
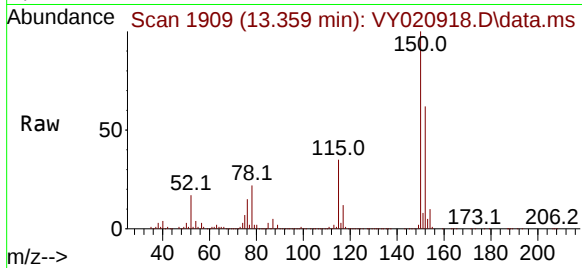




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.359 min Scan# 1908
 Delta R.T. -0.012 min
 Lab File: VY020918.D
 Acq: 23 Jan 2025 18:12

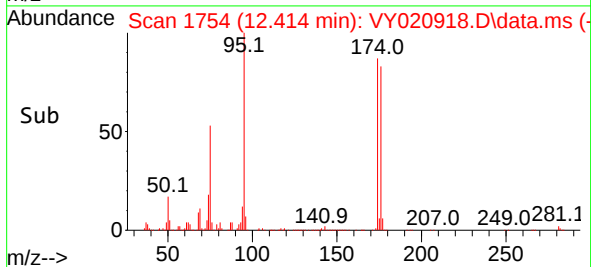
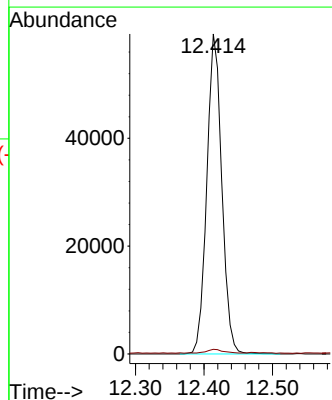
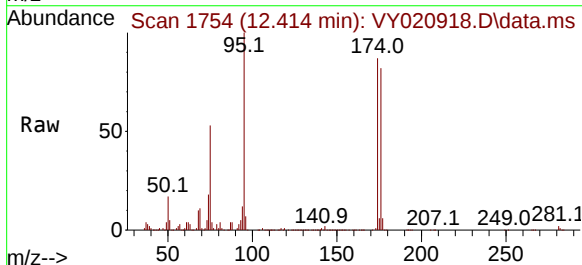
Instrument :
 MSVOA_Y
 ClientSampleId :

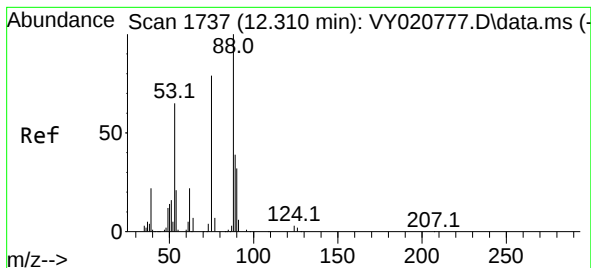
Tgt Ion:152 Resp: 172566
 Ion Ratio Lower Upper
 152 100
 115 57.0 29.0 87.0
 150 157.5 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 59.745 ug/l
 RT: 12.414 min Scan# 1754
 Delta R.T. -0.164 min
 Lab File: VY020918.D
 Acq: 23 Jan 2025 18:12

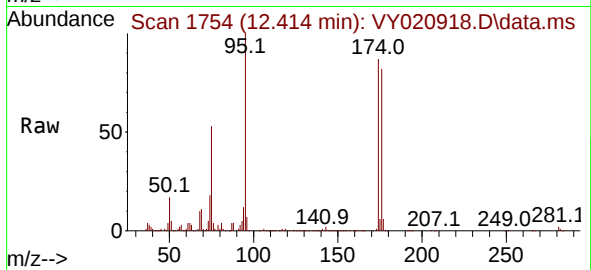
Tgt Ion: 75 Resp: 90210
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.974 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.086 min
 Lab File: VY020918.D
 Acq: 23 Jan 2025 18:12

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 90210
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.4 104.0#
 89 0.0 39.6 59.4#

