

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021925\
 Data File : VY021237.D
 Acq On : 19 Feb 2025 15:21
 Operator : SY/MD
 Sample : VY0219SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBL01

Quant Time: Feb 20 00:17:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

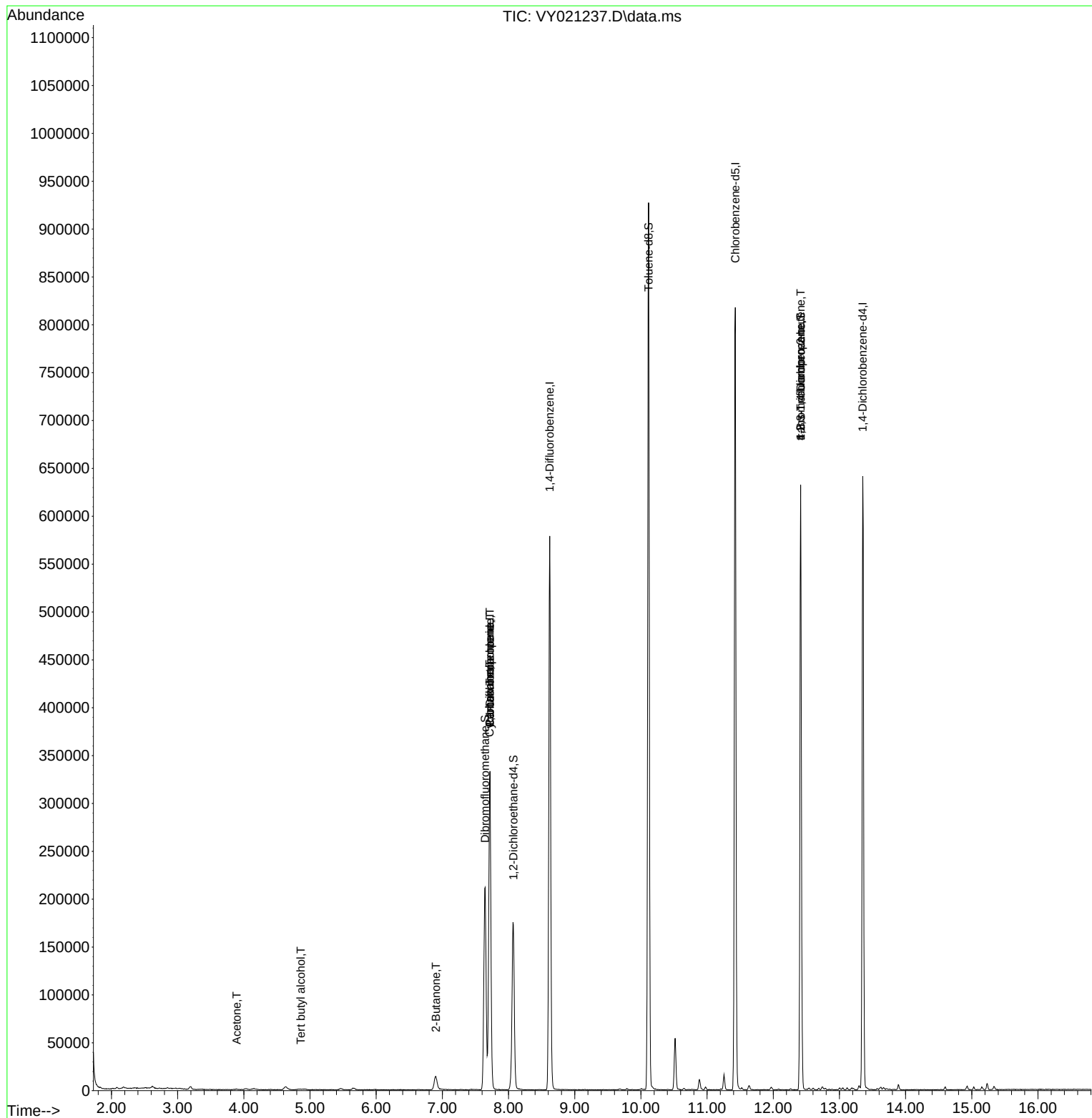
Internal Standards						
1) Pentafluorobenzene	7.719	168	252953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	478949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	429832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	157077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	140543	54.228	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.460%			
35) Dibromofluoromethane	7.646	113	154148	50.220	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.440%			
50) Toluene-d8	10.115	98	579110	49.558	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.120%			
62) 4-Bromofluorobenzene	12.414	95	182414	47.782	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.560%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.860	59	995	5.665	ug/l #	75
16) Acetone	3.891	43	769	1.903	ug/l	96
25) 2-Butanone	6.902	43	1105	1.664	ug/l #	48
31) Cyclohexane	7.713	56	5692	1.288	ug/l #	1
36) 1,1-Dichloropropene	7.719	75	20073	4.415	ug/l #	50
38) Carbon Tetrachloride	7.719	117	25916	4.879	ug/l #	15
76) 1,2,3-Trichloropropane	12.414	75	98394	69.054	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	98394	140.903	ug/l #	12

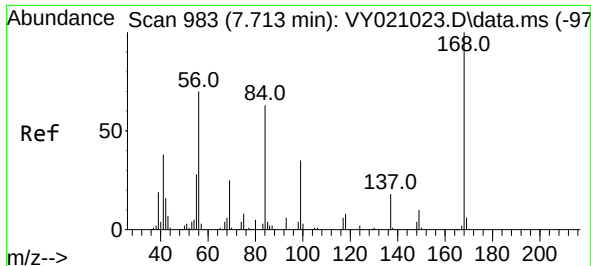
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021925\
Data File : VY021237.D
Acq On : 19 Feb 2025 15:21
Operator : SY/MD
Sample : VY0219SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBL01

Quant Time: Feb 20 00:17:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

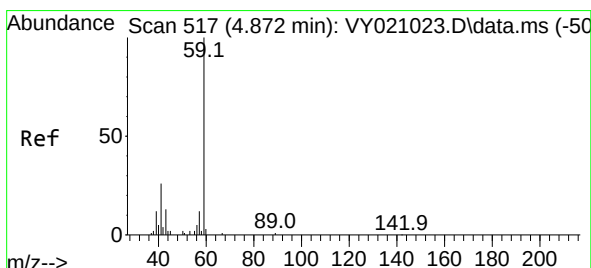
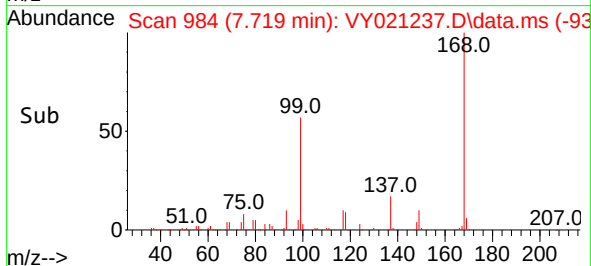
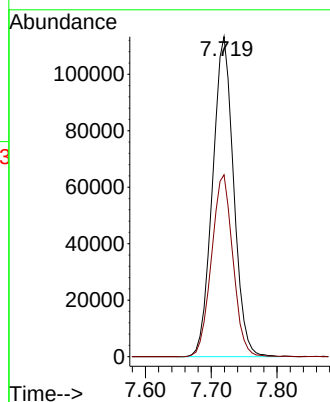
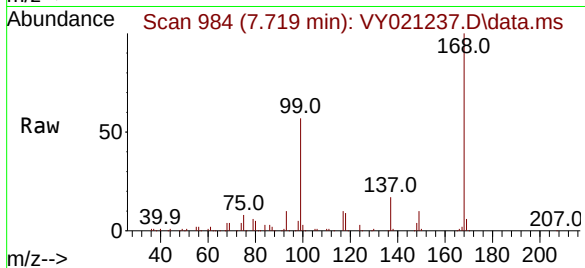




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021237.D
Acq: 19 Feb 2025 15:21

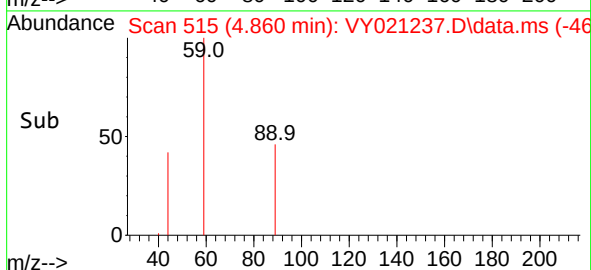
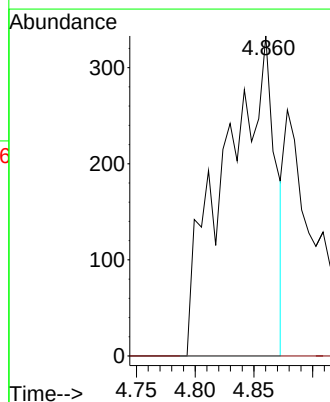
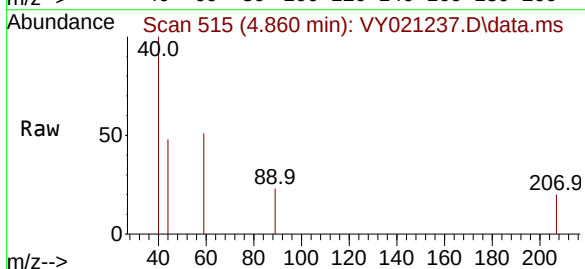
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBL01

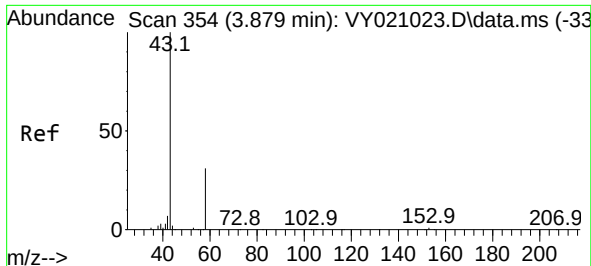
Tgt Ion:168 Resp: 252953
Ion Ratio Lower Upper
168 100
99 56.9 44.2 66.4



#11
Tert butyl alcohol
Concen: 5.665 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY021237.D
Acq: 19 Feb 2025 15:21

Tgt Ion: 59 Resp: 995
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

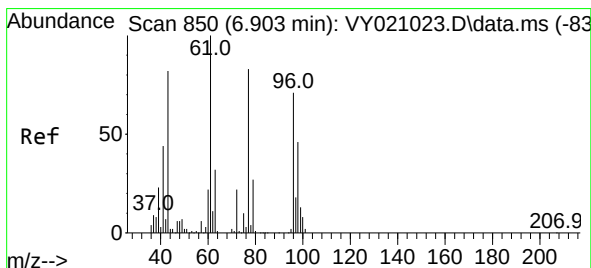
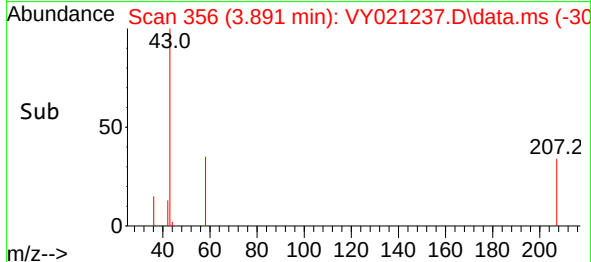
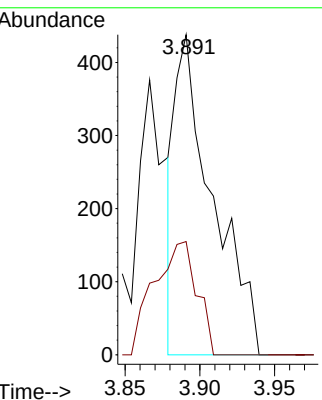
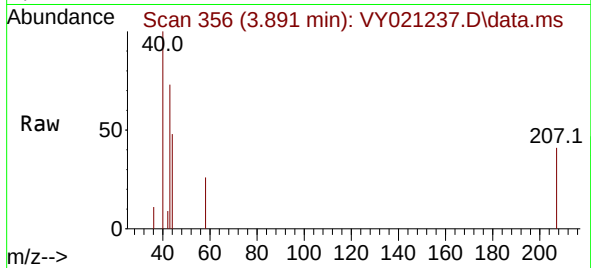




#16
Acetone
Concen: 1.903 ug/l
RT: 3.891 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY021237.D
Acq: 19 Feb 2025 15:21

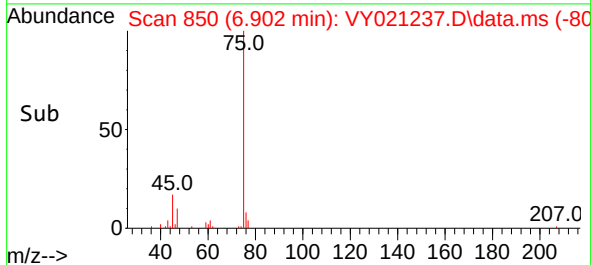
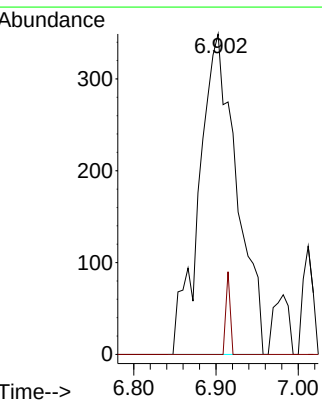
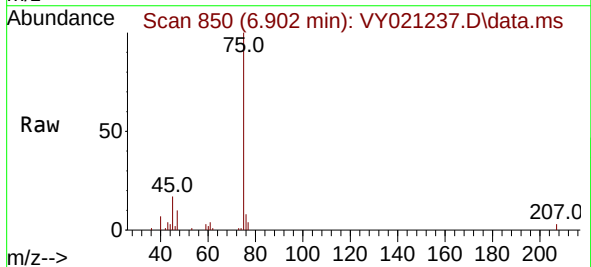
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBL01

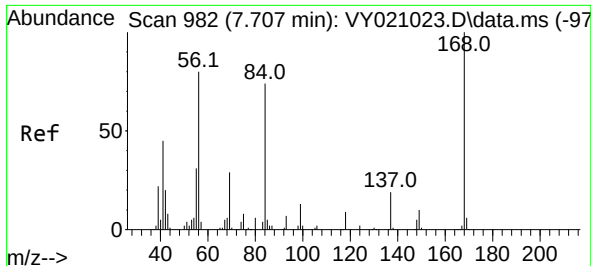
Tgt Ion: 43 Resp: 769
Ion Ratio Lower Upper
43 100
58 35.4 26.6 39.8



#25
2-Butanone
Concen: 1.664 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY021237.D
Acq: 19 Feb 2025 15:21

Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#

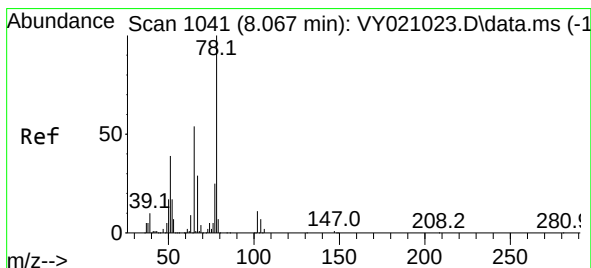
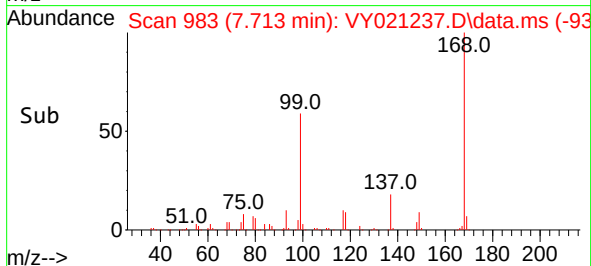
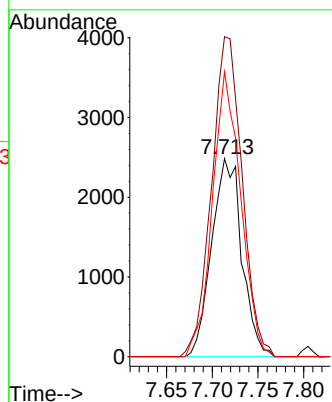
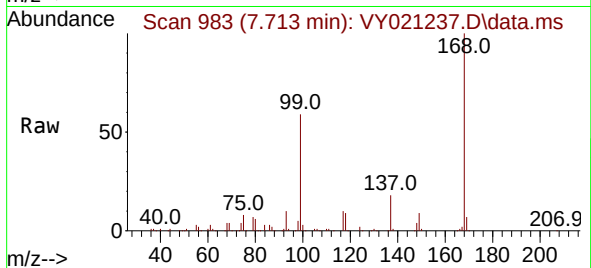




#31
Cyclohexane
Concen: 1.288 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021237.D
Acq: 19 Feb 2025 15:21

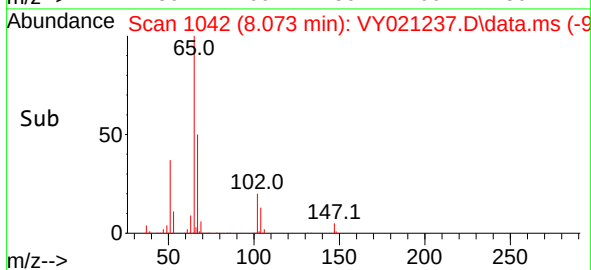
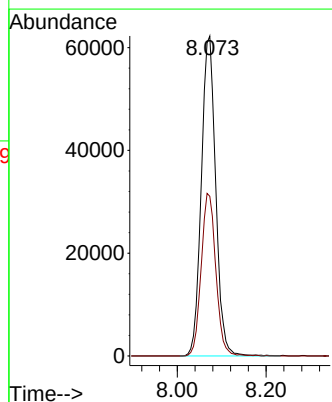
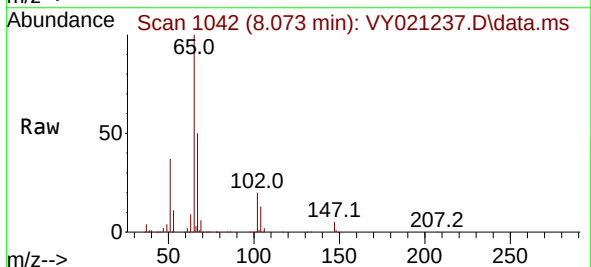
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBL01

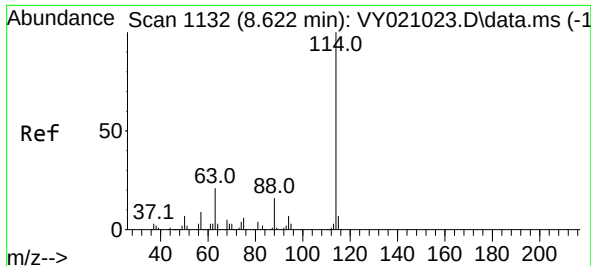
Tgt Ion: 56 Resp: 5692
Ion Ratio Lower Upper
56 100
69 161.7 27.0 40.6#
84 143.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 54.228 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021237.D
Acq: 19 Feb 2025 15:21

Tgt Ion: 65 Resp: 140543
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.0

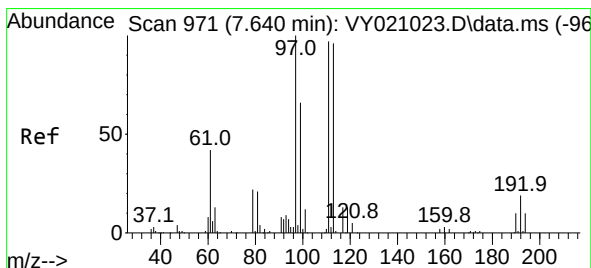
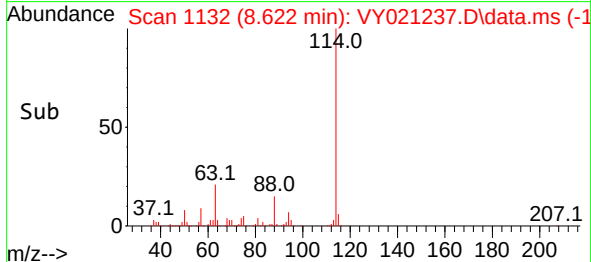
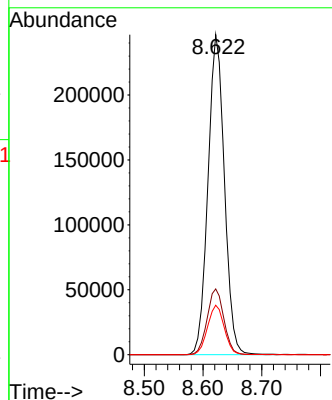
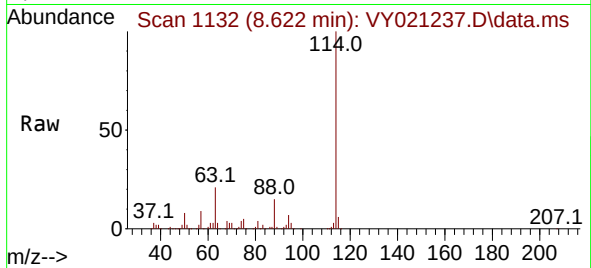




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021237.D
Acq: 19 Feb 2025 15:21

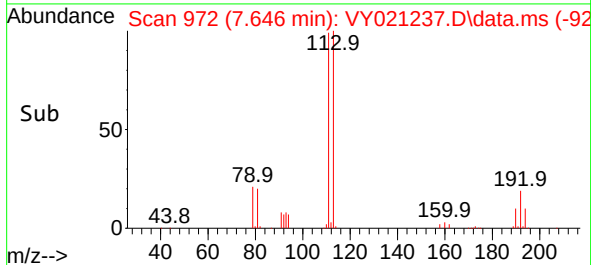
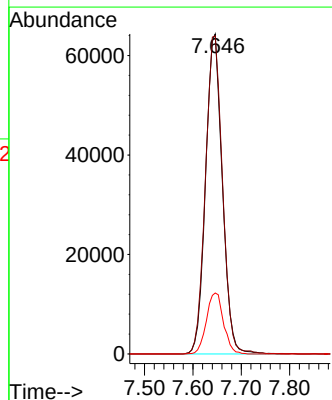
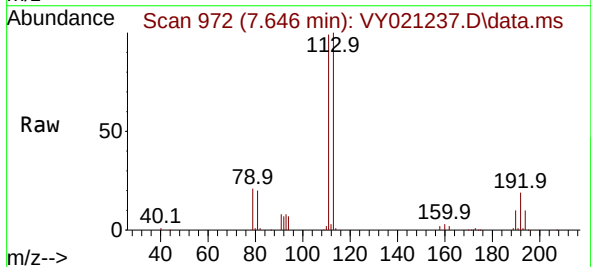
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBL01

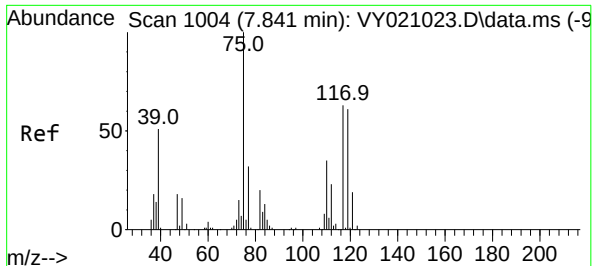
Tgt Ion:114 Resp: 478949
Ion Ratio Lower Upper
114 100
63 20.6 0.0 37.4
88 15.5 0.0 29.0



#35
Dibromofluoromethane
Concen: 50.220 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY021237.D
Acq: 19 Feb 2025 15:21

Tgt Ion:113 Resp: 154148
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 19.5 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.415 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.122 min

Lab File: VY021237.D

Acq: 19 Feb 2025 15:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBL01

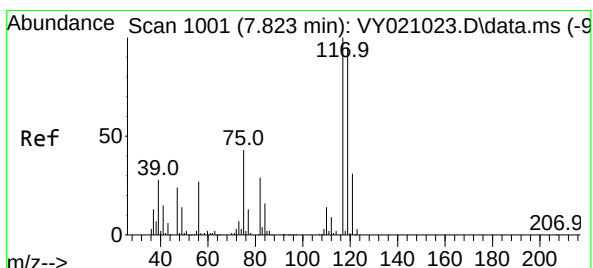
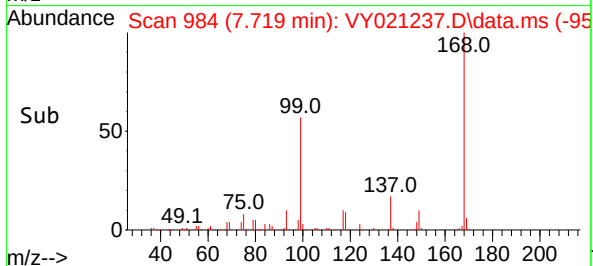
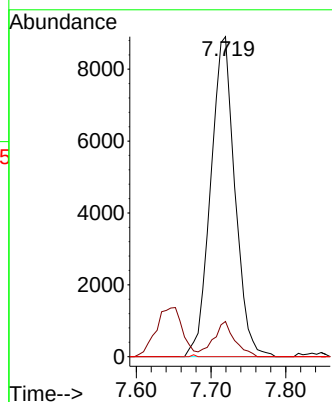
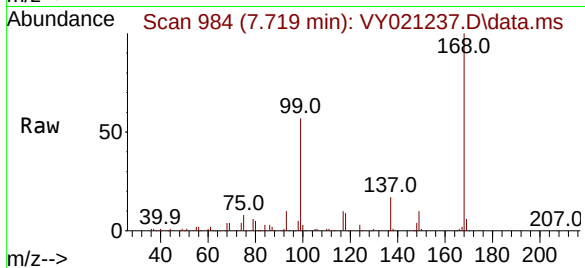
Tgt Ion: 75 Resp: 20073

Ion Ratio Lower Upper

75 100

110 9.5 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.879 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.104 min

Lab File: VY021237.D

Acq: 19 Feb 2025 15:21

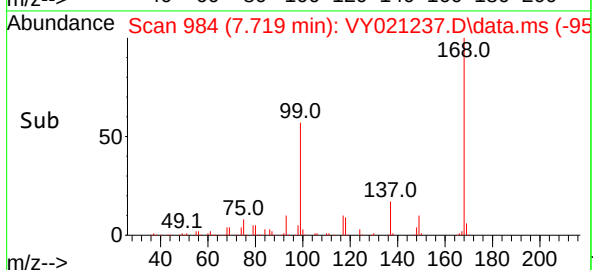
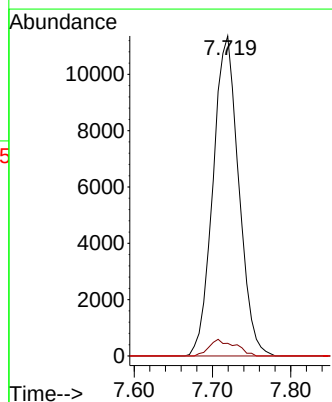
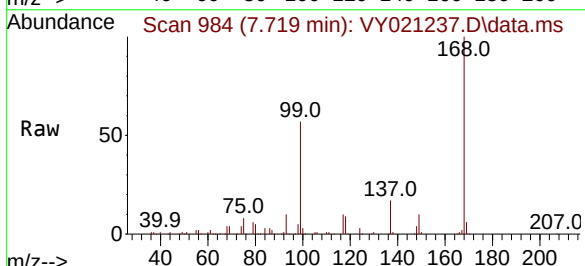
Tgt Ion: 117 Resp: 25916

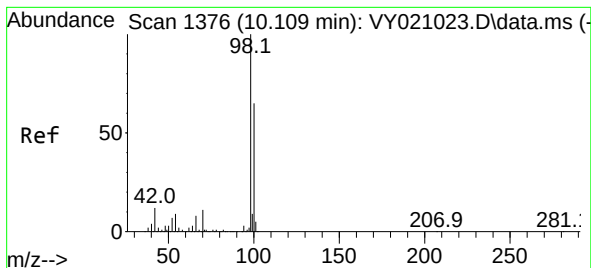
Ion Ratio Lower Upper

117 100

119 4.0 76.0 114.0#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 49.558 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021237.D

Acq: 19 Feb 2025 15:21

Instrument :

MSVOA_Y

ClientSampleId :

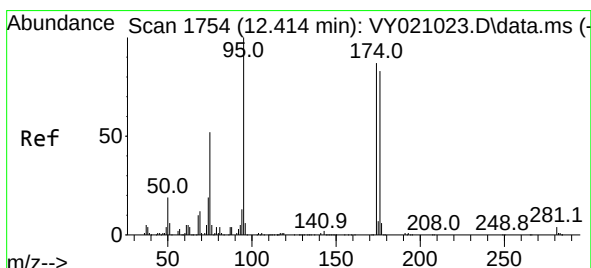
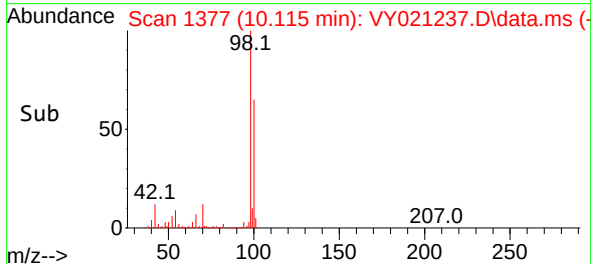
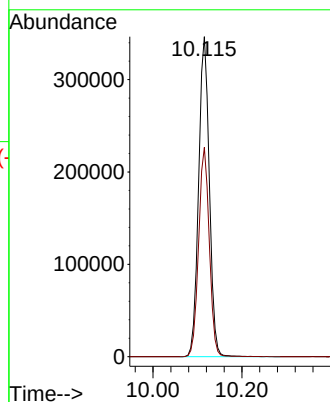
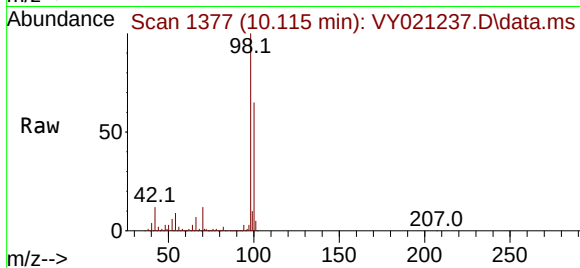
VY0219SBL01

Tgt Ion: 98 Resp: 579110

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 47.782 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY021237.D

Acq: 19 Feb 2025 15:21

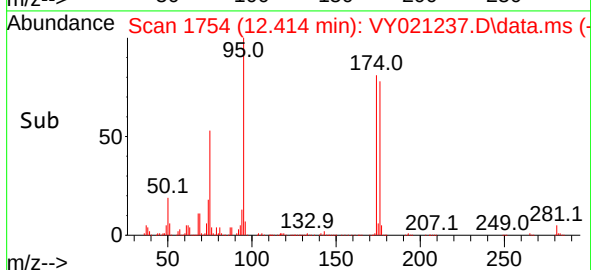
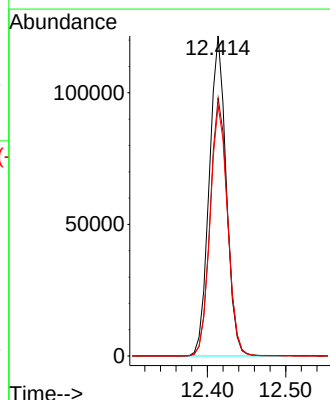
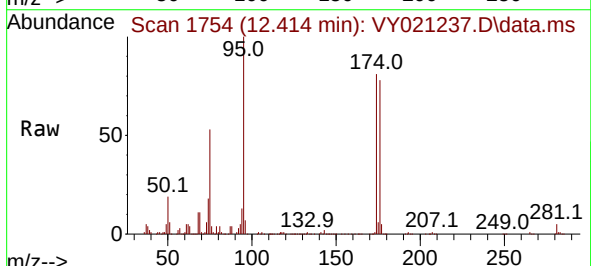
Tgt Ion: 95 Resp: 182414

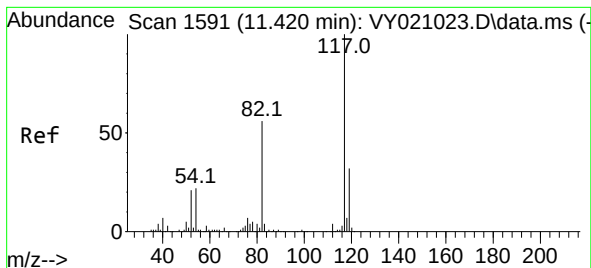
Ion Ratio Lower Upper

95 100

174 82.7 0.0 160.0

176 80.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021237.D

Acq: 19 Feb 2025 15:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBL01

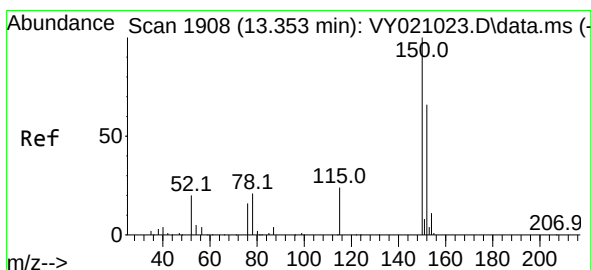
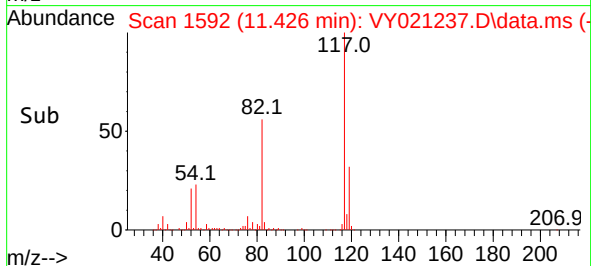
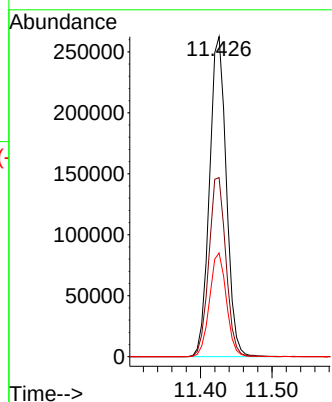
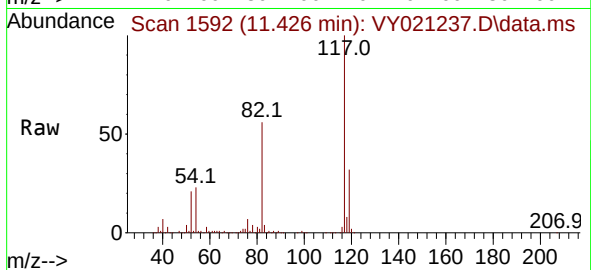
Tgt Ion:117 Resp: 429832

Ion Ratio Lower Upper

117 100

82 55.9 43.8 65.8

119 32.4 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021237.D

Acq: 19 Feb 2025 15:21

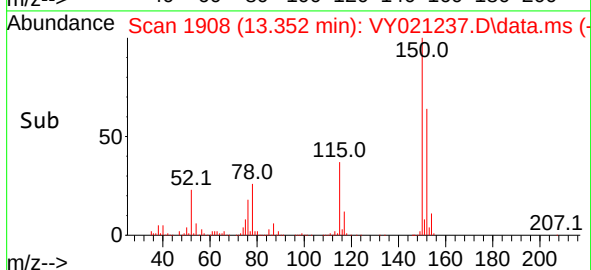
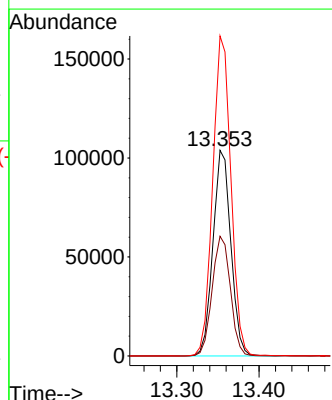
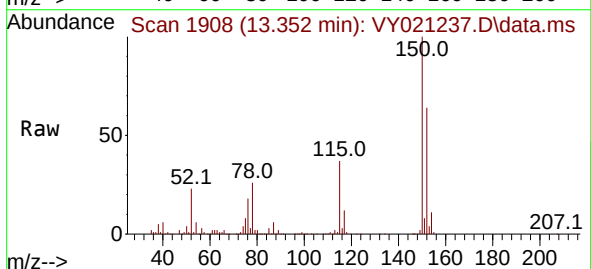
Tgt Ion:152 Resp: 157077

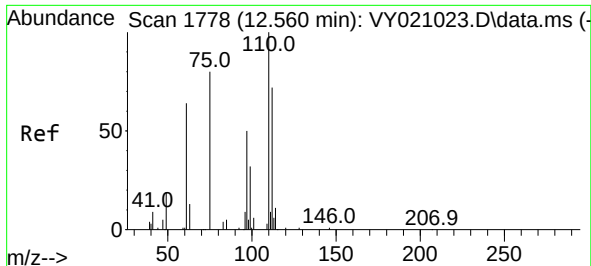
Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 158.1 0.0 344.6

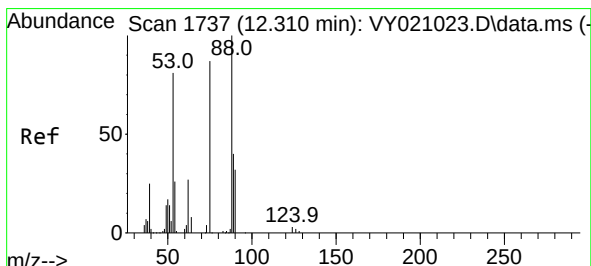
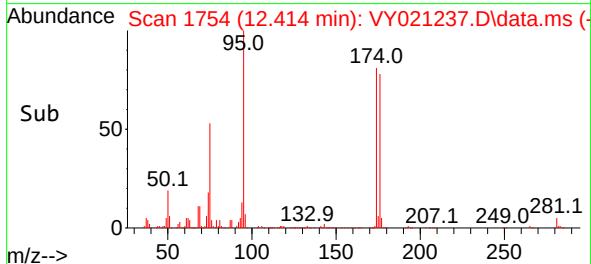
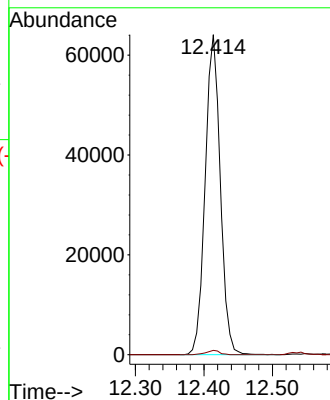
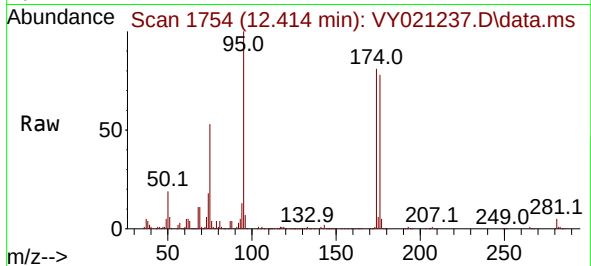




#76
1,2,3-Trichloropropane
Concen: 69.054 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY021237.D
Acq: 19 Feb 2025 15:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBL01

Tgt Ion: 75 Resp: 98394
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.903 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.103 min
Lab File: VY021237.D
Acq: 19 Feb 2025 15:21

Tgt Ion: 75 Resp: 98394
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#

