

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
 Data File : VY021419.D
 Acq On : 05 Mar 2025 17:42
 Operator : SY/MD
 Sample : Q1489-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Mar 06 02:57:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

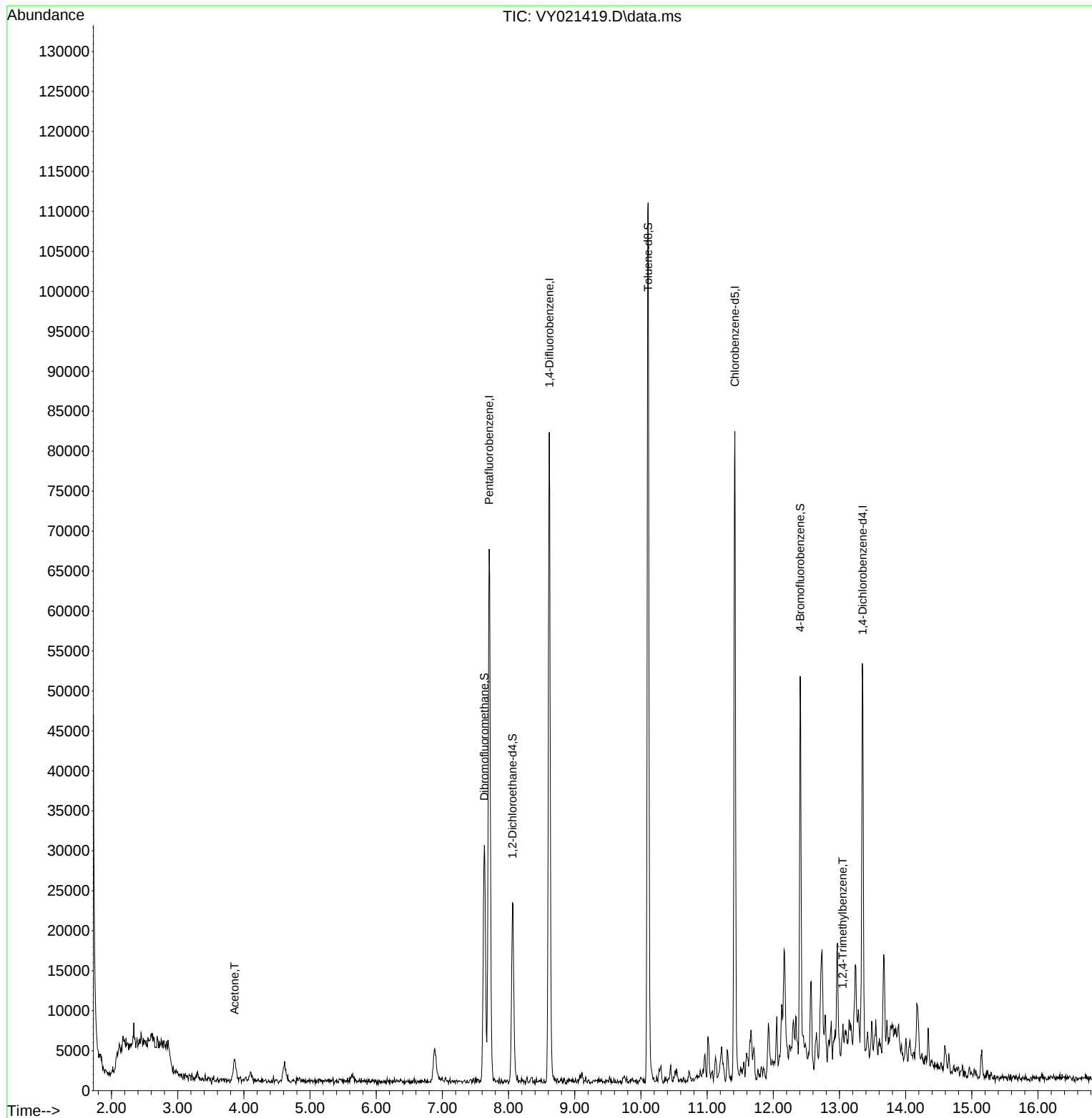
Internal Standards						
1) Pentafluorobenzene	7.707	168	49723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	66505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	41886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	11488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	18698	35.579	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.160%
35) Dibromofluoromethane	7.634	113	21262	48.638	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.280%
50) Toluene-d8	10.109	98	71759	43.354	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.700%
62) 4-Bromofluorobenzene	12.407	95	13630	24.209	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	48.420%
Target Compounds						
16) Acetone	3.860	43	4711	41.099	ug/l #	77
84) 1,2,4-Trimethylbenzene	13.048	105	939	1.286	ug/l	94

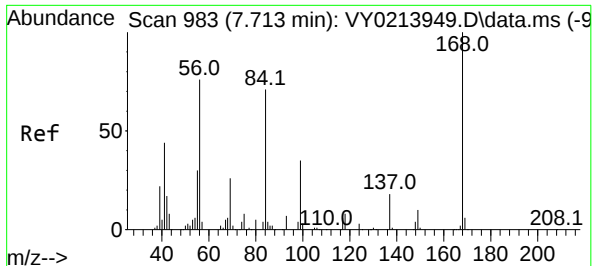
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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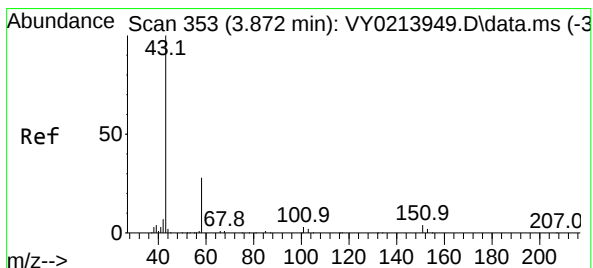
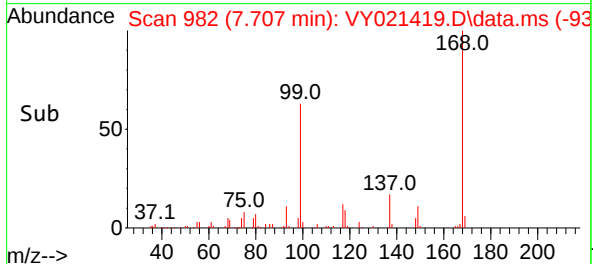
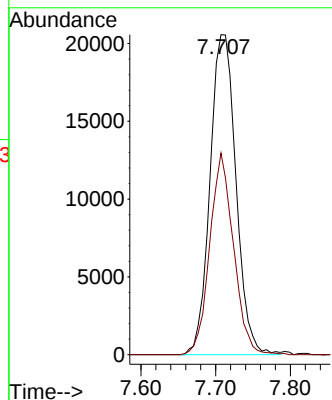
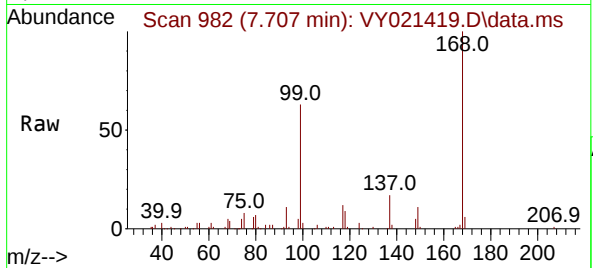




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021419.D
Acq: 05 Mar 2025 17:42

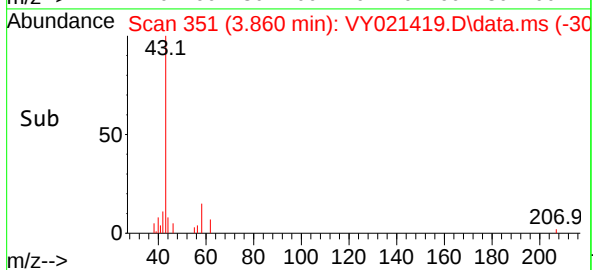
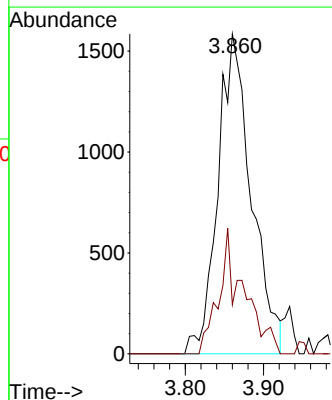
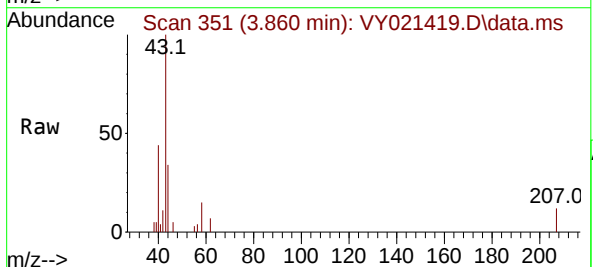
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

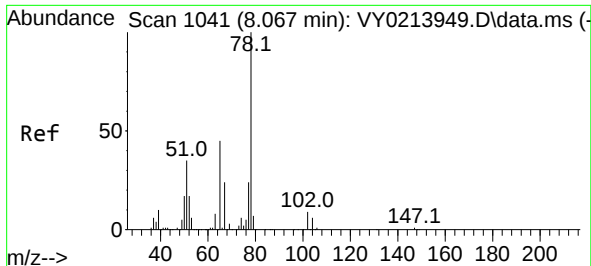
Tgt Ion:168 Resp: 49723
Ion Ratio Lower Upper
168 100
99 63.0 46.0 69.0



#16
Acetone
Concen: 41.099 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021419.D
Acq: 05 Mar 2025 17:42

Tgt Ion: 43 Resp: 4711
Ion Ratio Lower Upper
43 100
58 15.4 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 35.579 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021419.D

Acq: 05 Mar 2025 17:42

Instrument :

MSVOA_Y

ClientSampleId :

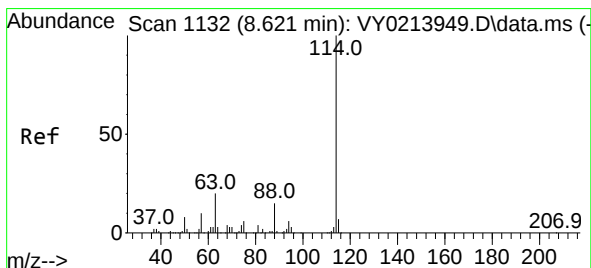
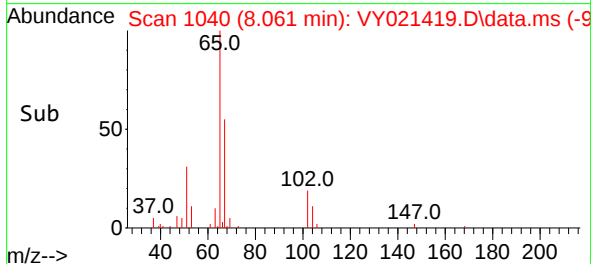
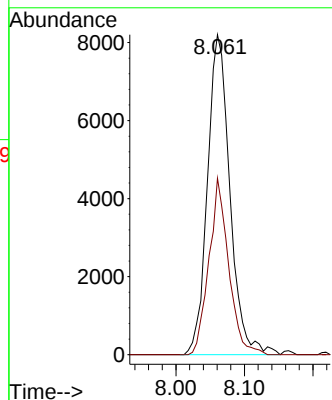
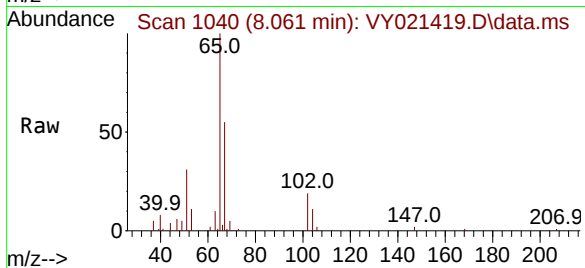
TP-1

Tgt Ion: 65 Resp: 18698

Ion Ratio Lower Upper

65 100

67 48.5 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021419.D

Acq: 05 Mar 2025 17:42

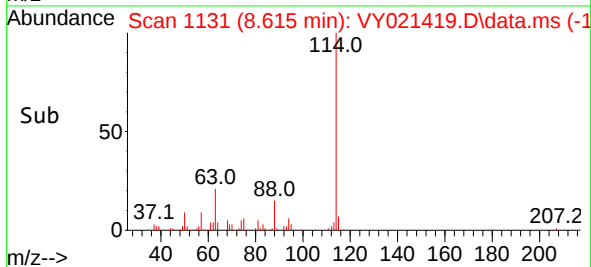
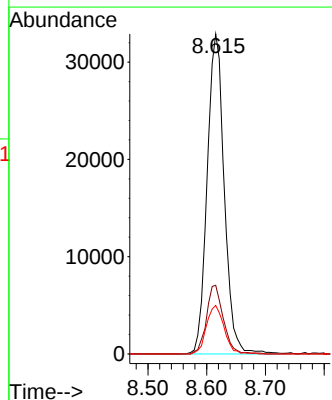
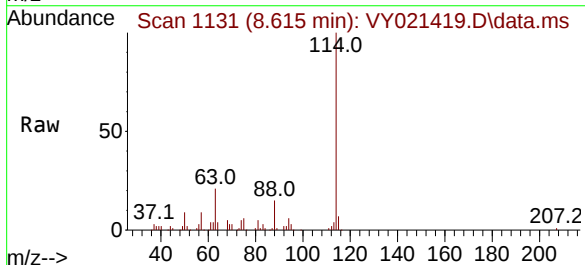
Tgt Ion: 114 Resp: 66505

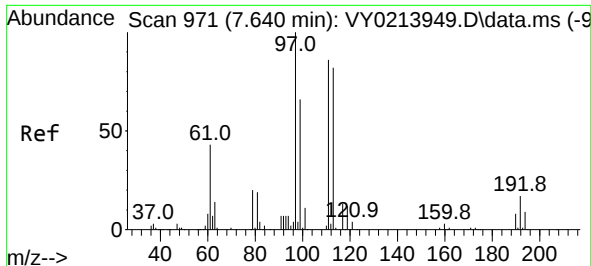
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.8

88 15.1 0.0 30.8

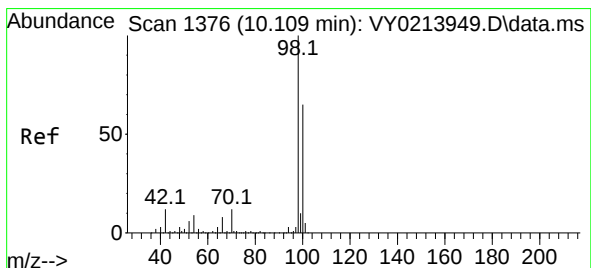
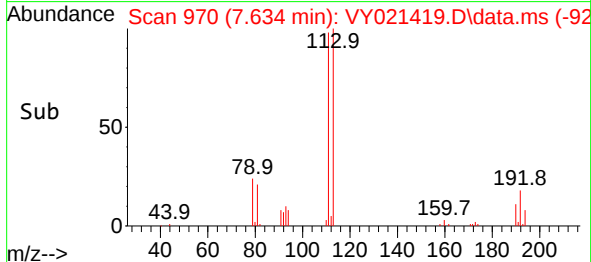
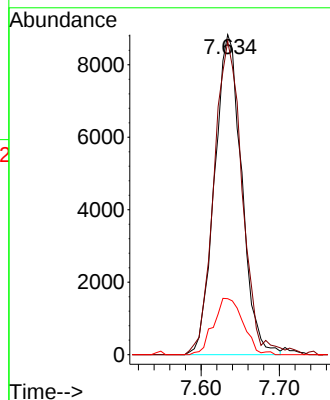
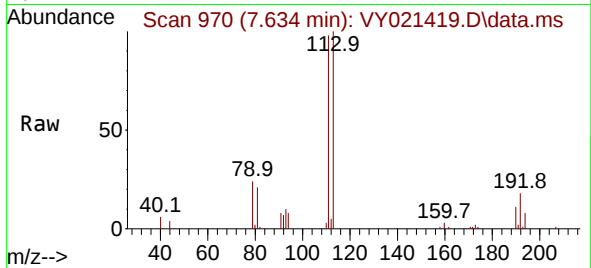




#35
Dibromofluoromethane
Concen: 48.638 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021419.D
Acq: 05 Mar 2025 17:42

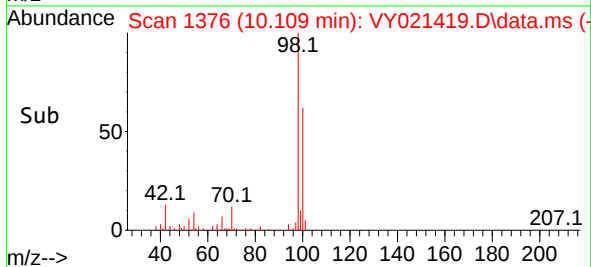
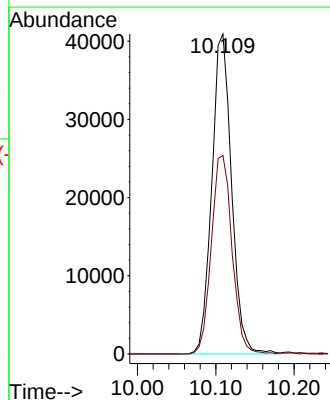
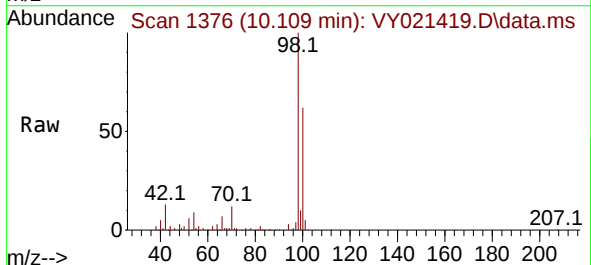
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

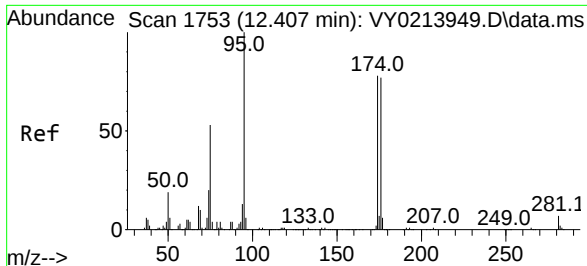
Tgt Ion:113 Resp: 21262
Ion Ratio Lower Upper
113 100
111 102.7 82.0 123.0
192 19.3 15.9 23.9



#50
Toluene-d8
Concen: 43.354 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021419.D
Acq: 05 Mar 2025 17:42

Tgt Ion: 98 Resp: 71759
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 24.209 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021419.D

Acq: 05 Mar 2025 17:42

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

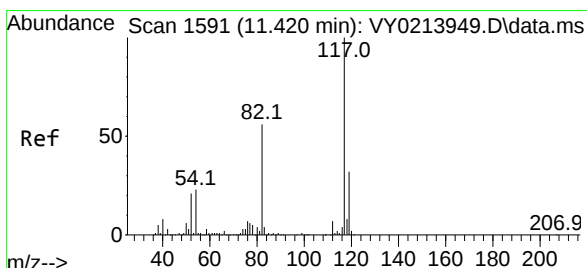
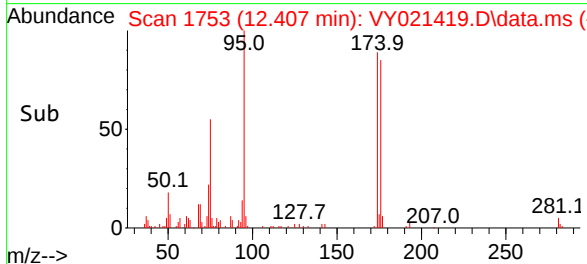
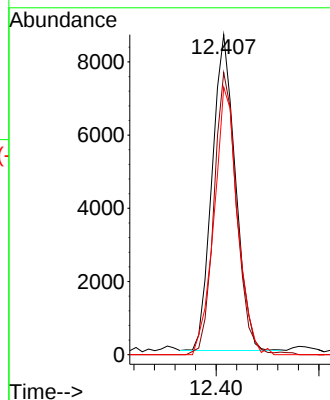
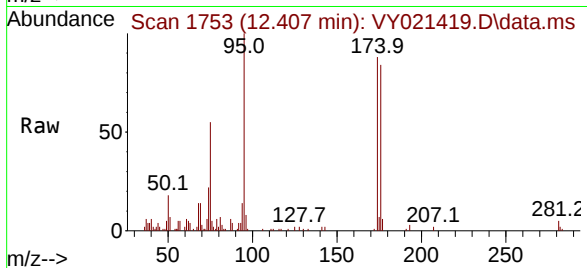
Tgt Ion: 95 Resp: 13630

Ion Ratio Lower Upper

95 100

174 85.9 0.0 165.0

176 84.9 0.0 160.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY021419.D

Acq: 05 Mar 2025 17:42

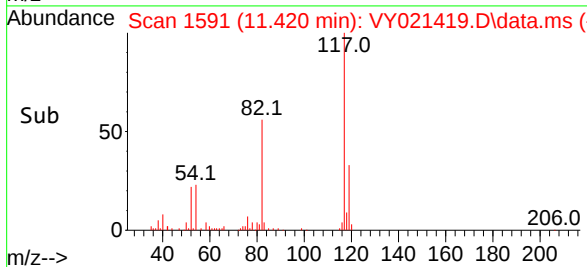
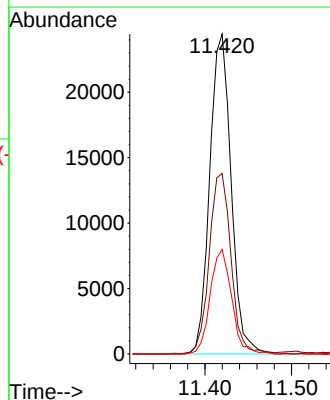
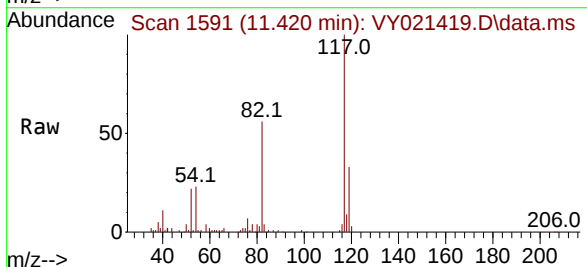
Tgt Ion: 117 Resp: 41886

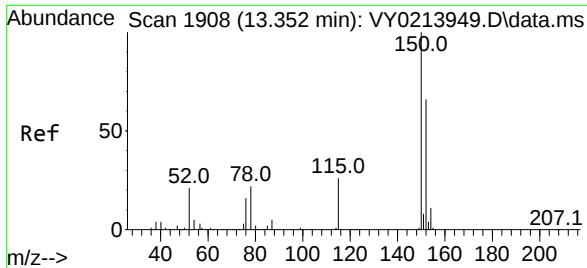
Ion Ratio Lower Upper

117 100

82 56.4 44.6 67.0

119 32.6 25.4 38.0

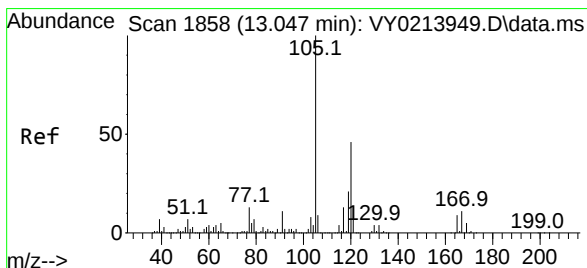
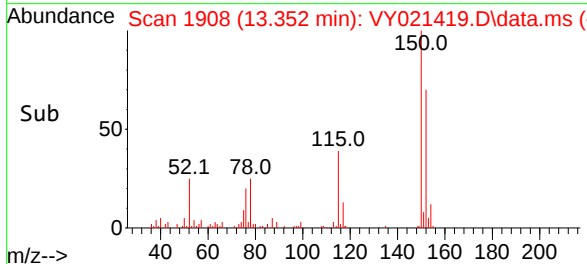
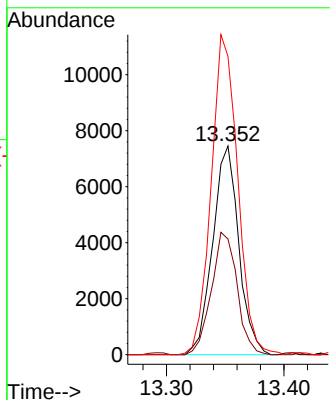
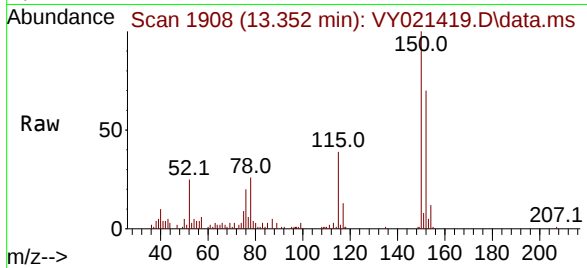




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VY021419.D
 Acq: 05 Mar 2025 17:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Tgt Ion:152 Resp: 11488
 Ion Ratio Lower Upper
 152 100
 115 57.7 29.0 87.0
 150 156.0 0.0 347.2



#84
 1,2,4-Trimethylbenzene
 Concen: 1.286 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: VY021419.D
 Acq: 05 Mar 2025 17:42

Tgt Ion:105 Resp: 939
 Ion Ratio Lower Upper
 105 100
 120 49.5 22.7 68.1

