

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021387.D
 Acq On : 28 Feb 2025 17:52
 Operator : SY/MD
 Sample : Q1441-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-022625

Quant Time: Feb 28 22:23:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

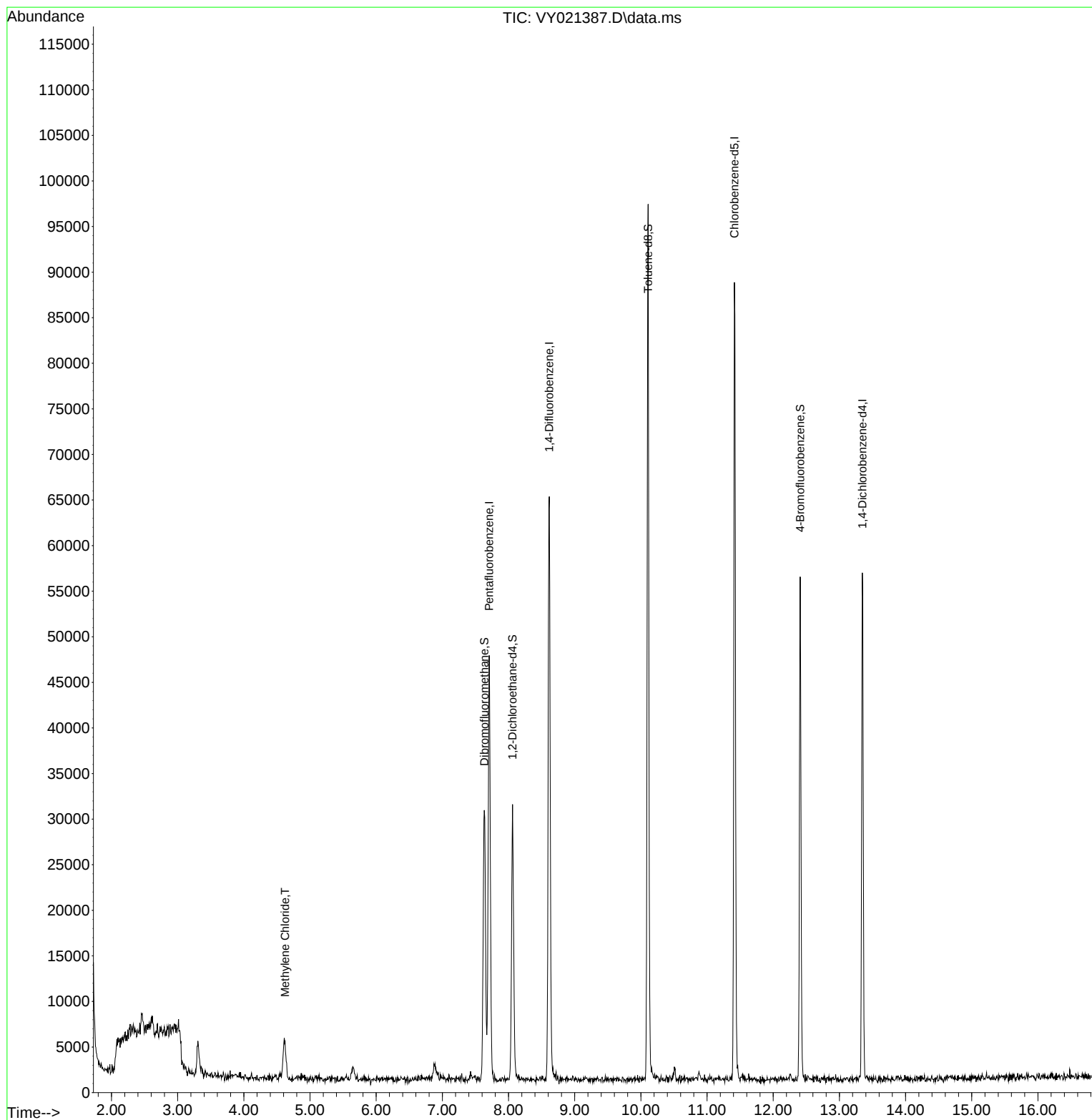
Internal Standards						
1) Pentafluorobenzene	7.707	168	33160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	54415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	46106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	14621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	23003	61.150	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	122.300%	
35) Dibromofluoromethane	7.634	113	21817	61.155	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	122.300%	
50) Toluene-d8	10.109	98	61983	44.956	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	89.920%	
62) 4-Bromofluorobenzene	12.408	95	16832	36.275	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	72.560%	
Target Compounds						
20) Methylene Chloride	4.623	84	3014	7.724	ug/l	Qvalue # 85

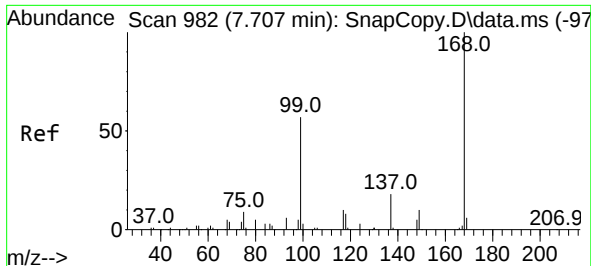
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021387.D
Acq On : 28 Feb 2025 17:52
Operator : SY/MD
Sample : Q1441-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-022625

Quant Time: Feb 28 22:23:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

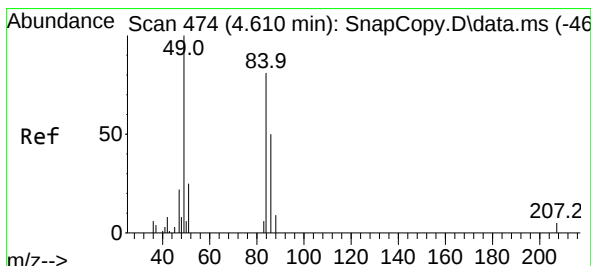
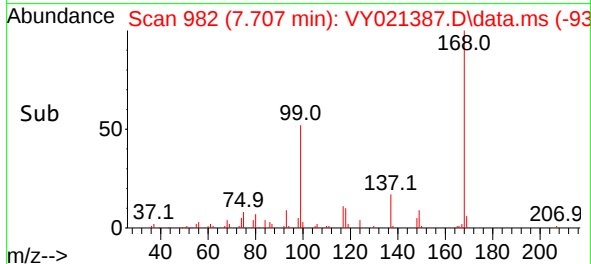
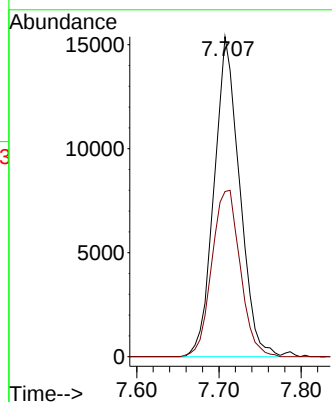
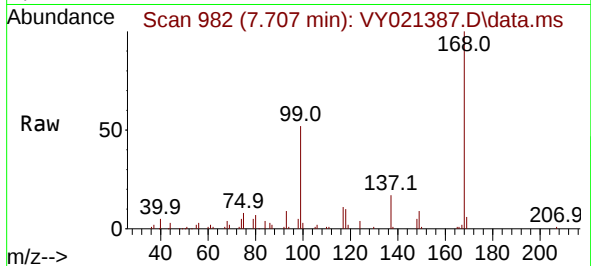




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021387.D
Acq: 28 Feb 2025 17:52

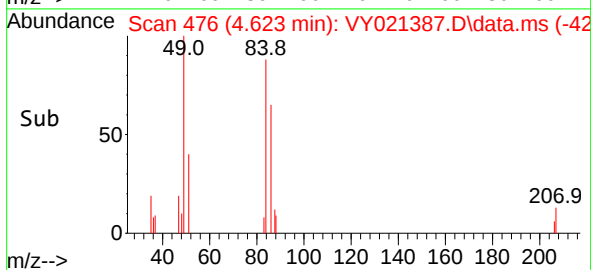
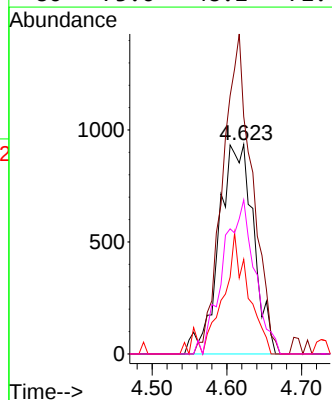
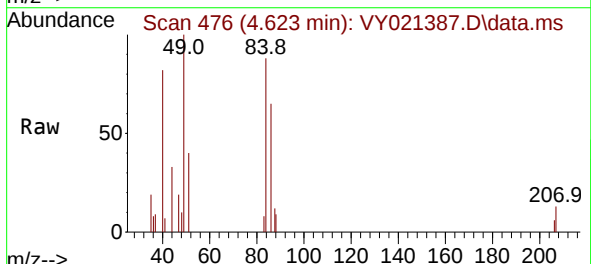
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-022625

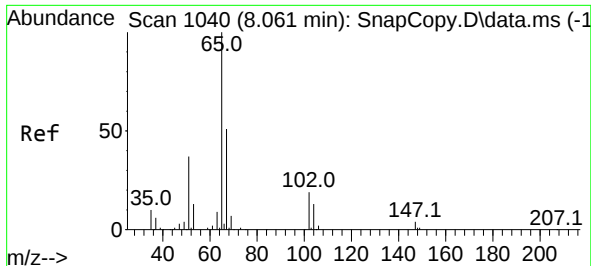
Tgt Ion:168 Resp: 33160
Ion Ratio Lower Upper
168 100
99 51.6 47.1 70.7



#20
Methylene Chloride
Concen: 7.724 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY021387.D
Acq: 28 Feb 2025 17:52

Tgt Ion: 84 Resp: 3014
Ion Ratio Lower Upper
84 100
49 113.4 105.1 157.7
51 45.1 31.0 46.4
86 73.6 48.2 72.4#





#33

1,2-Dichloroethane-d4

Concen: 61.150 ug/l

RT: 8.061 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VY021387.D

Acq: 28 Feb 2025 17:52

Instrument :

MSVOA_Y

ClientSampleId :

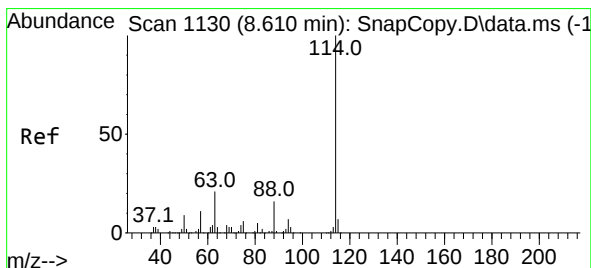
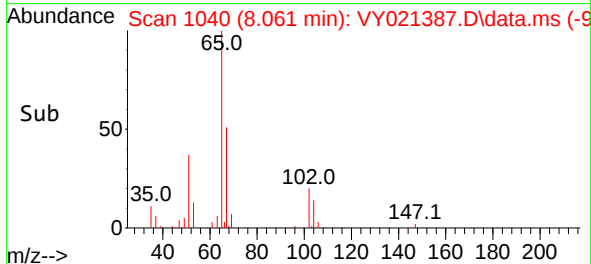
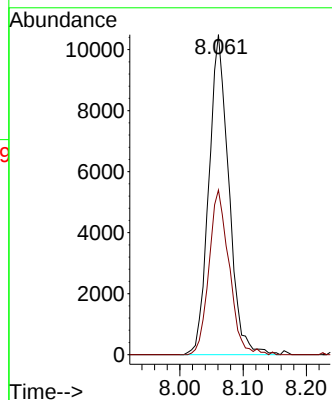
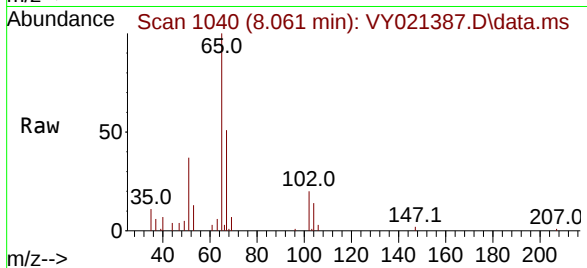
HD-02-022625

Tgt Ion: 65 Resp: 23003

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021387.D

Acq: 28 Feb 2025 17:52

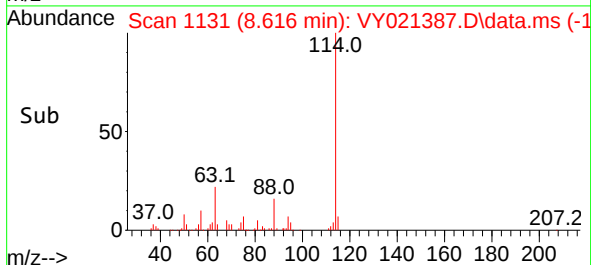
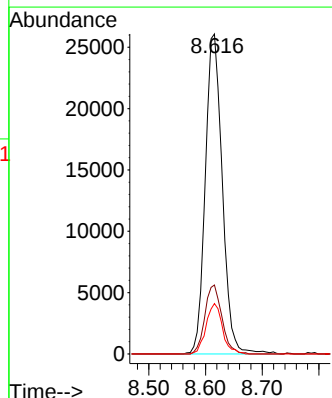
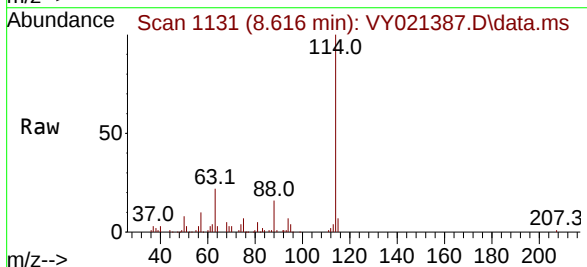
Tgt Ion: 114 Resp: 54415

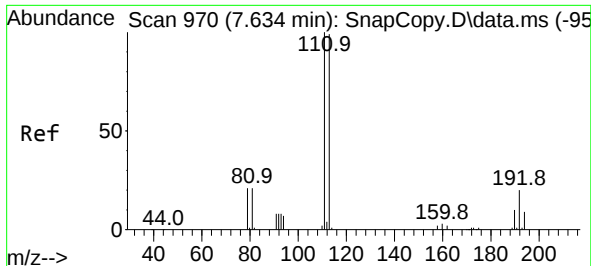
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.2

88 15.8 0.0 29.8

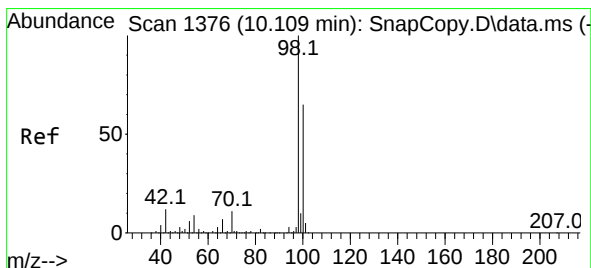
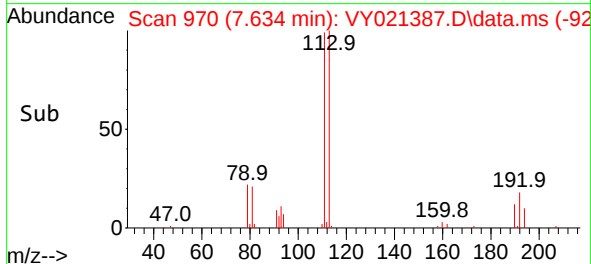
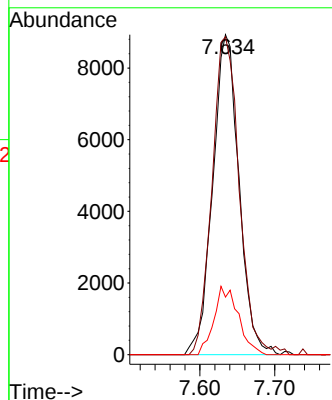
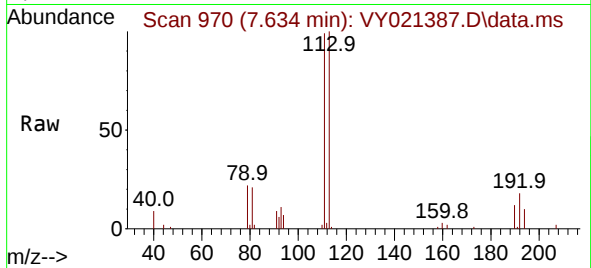




#35
Dibromofluoromethane
Concen: 61.155 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021387.D
Acq: 28 Feb 2025 17:52

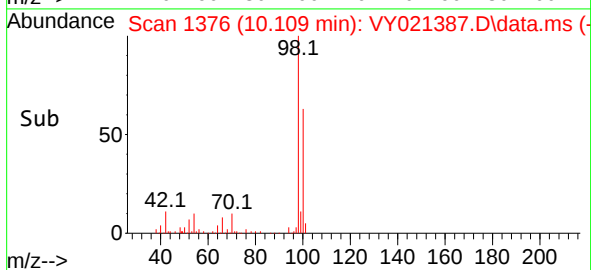
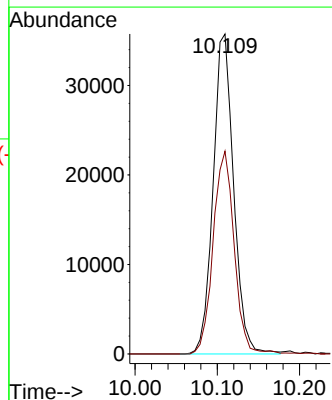
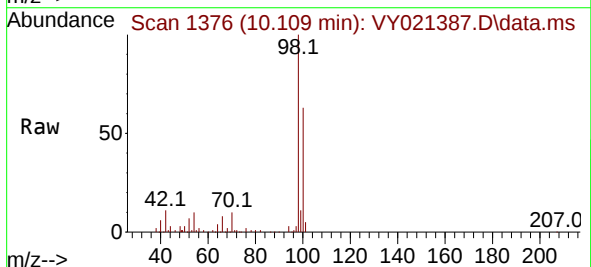
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-022625

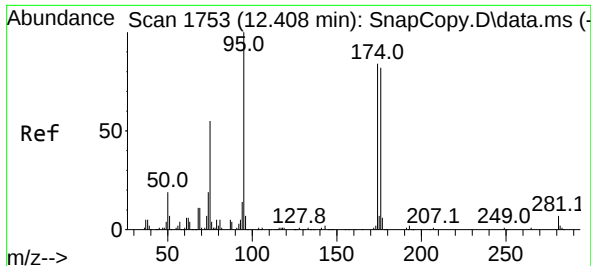
Tgt Ion:113 Resp: 21817
Ion Ratio Lower Upper
113 100
111 103.0 81.0 121.6
192 19.7 15.8 23.8



#50
Toluene-d8
Concen: 44.956 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021387.D
Acq: 28 Feb 2025 17:52

Tgt Ion: 98 Resp: 61983
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6

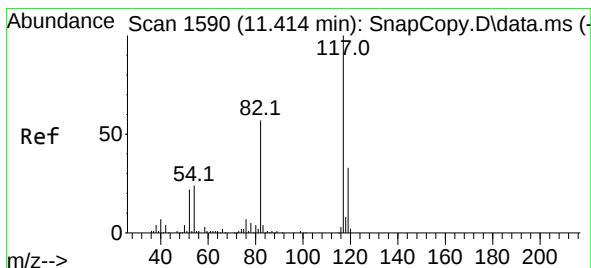
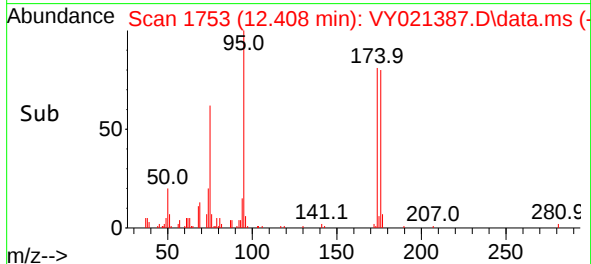
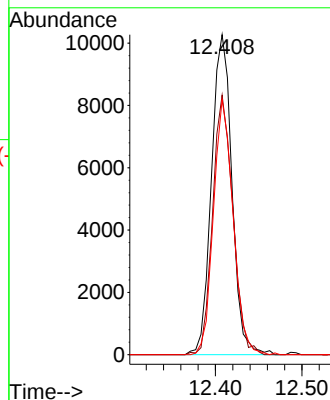
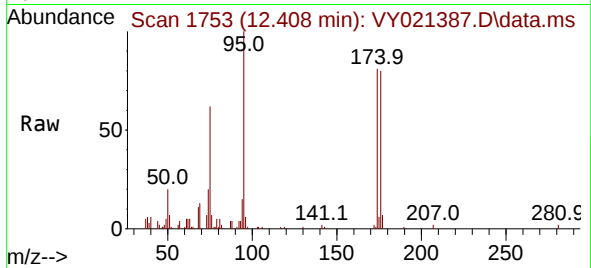




#62
4-Bromofluorobenzene
Concen: 36.275 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021387.D
Acq: 28 Feb 2025 17:52

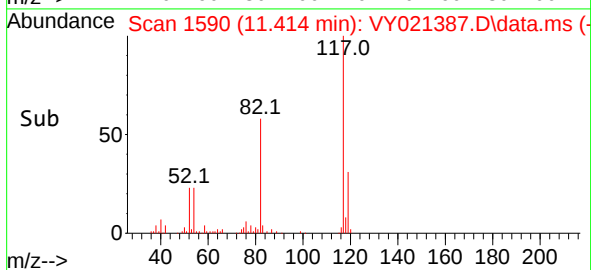
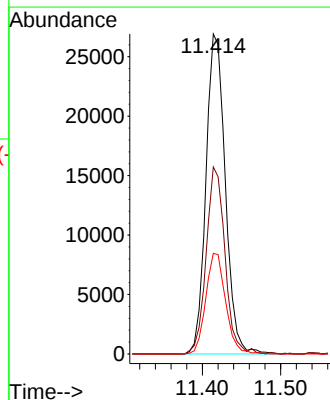
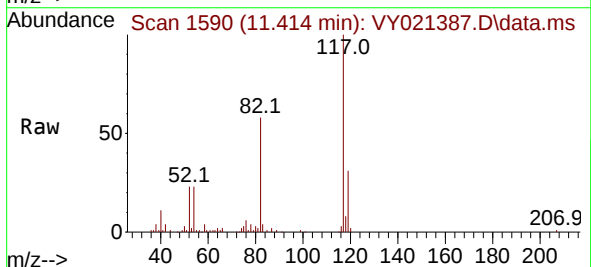
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-022625

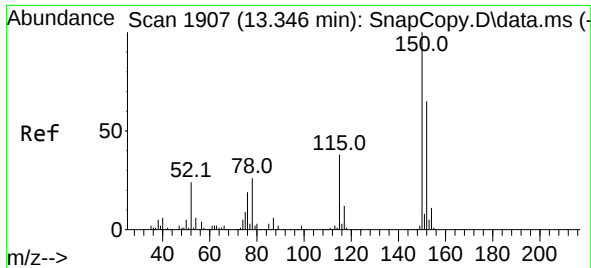
Tgt Ion: 95 Resp: 16832
Ion Ratio Lower Upper
95 100
174 80.1 0.0 168.0
176 77.0 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021387.D
Acq: 28 Feb 2025 17:52

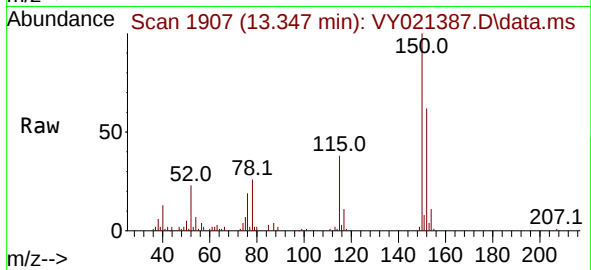
Tgt Ion: 117 Resp: 46106
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 31.4 24.9 37.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021387.D
 Acq: 28 Feb 2025 17:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-022625



Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.3	88.0
150	156.5	0.0	347.4

