

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050525\
 Data File : VY022167.D
 Acq On : 05 May 2025 18:14
 Operator : SY/MD
 Sample : Q1883-17
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SO-TB-01-042325

Quant Time: May 06 05:23:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

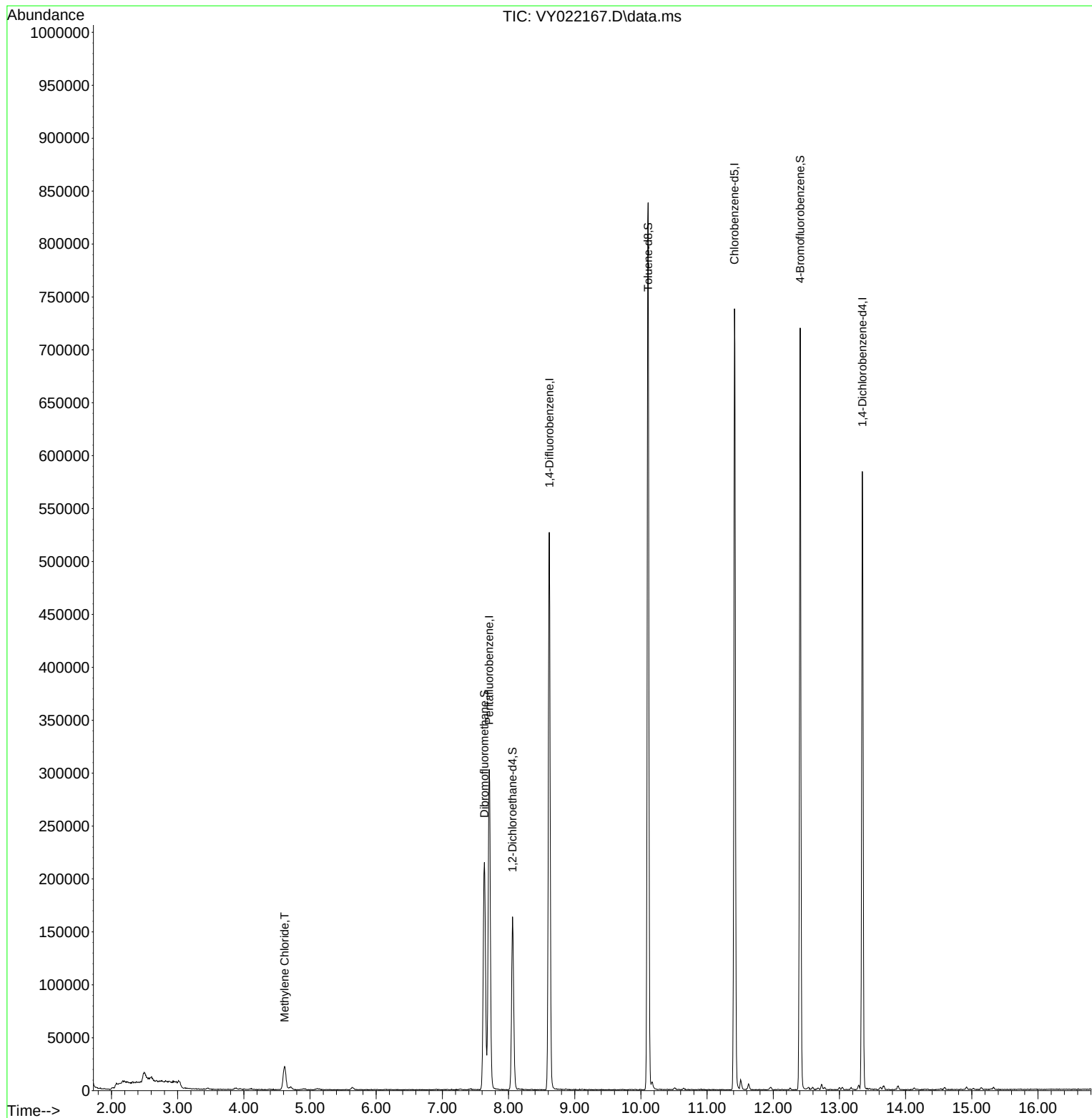
Internal Standards						
1) Pentafluorobenzene	7.707	168	238741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	457703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	406634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	150906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	123916	56.192	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.380%
35) Dibromofluoromethane	7.634	113	158049	52.268	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.540%
50) Toluene-d8	10.109	98	563215	49.406	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.820%
62) 4-Bromofluorobenzene	12.408	95	216469	56.407	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.820%
Target Compounds						Qvalue
20) Methylene Chloride	4.616	84	17611	6.316	ug/l	98

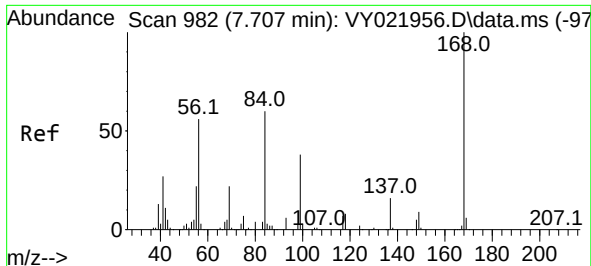
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050525\
Data File : VY022167.D
Acq On : 05 May 2025 18:14
Operator : SY/MD
Sample : Q1883-17
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SO-TB-01-042325

Quant Time: May 06 05:23:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

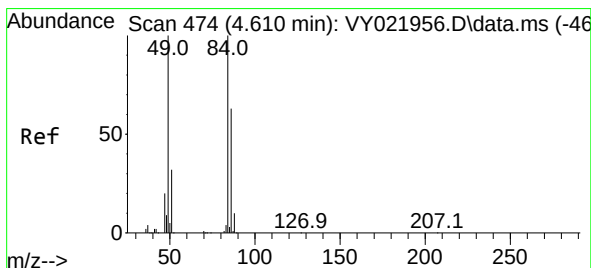
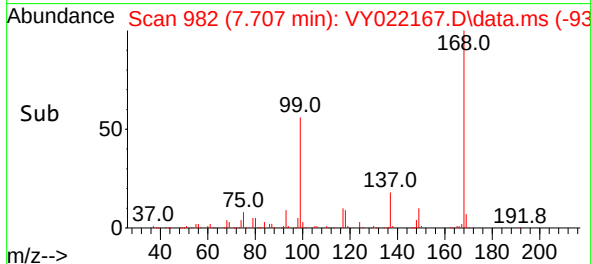
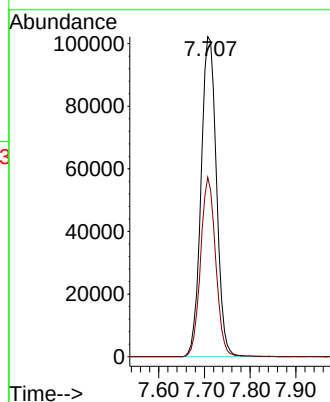
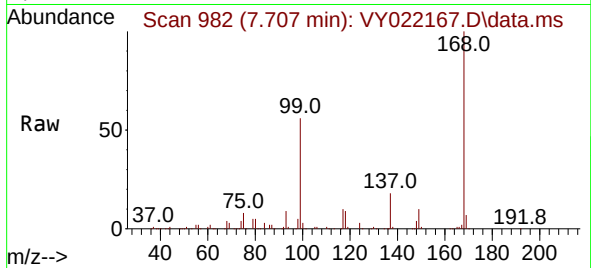




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022167.D
Acq: 05 May 2025 18:14

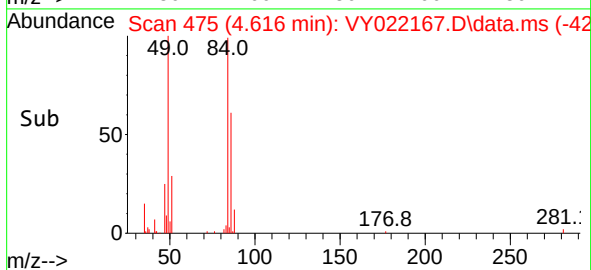
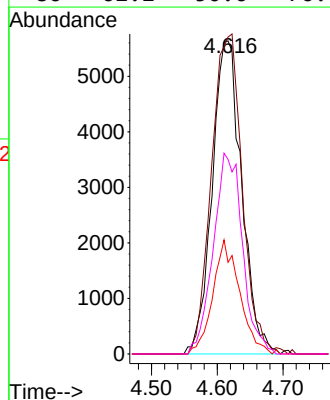
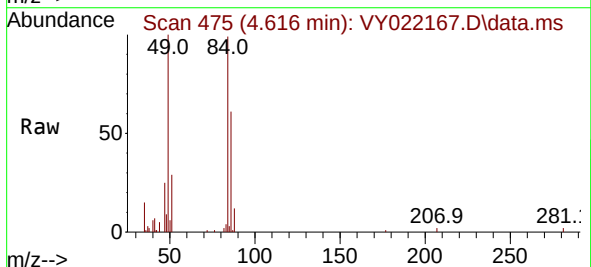
Instrument :
MSVOA_Y
ClientSampleId :
SO-TB-01-042325

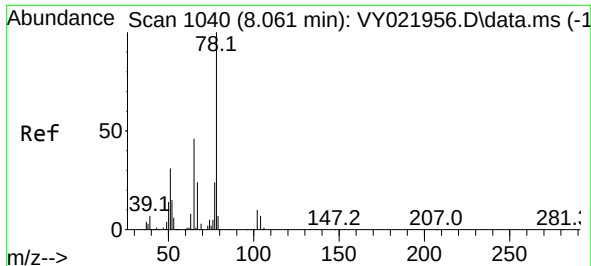
Tgt Ion:168 Resp: 238741
Ion Ratio Lower Upper
168 100
99 56.1 43.1 64.7



#20
Methylene Chloride
Concen: 6.316 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY022167.D
Acq: 05 May 2025 18:14

Tgt Ion: 84 Resp: 17611
Ion Ratio Lower Upper
84 100
49 101.3 79.9 119.9
51 29.3 25.4 38.0
86 62.2 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 56.192 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY022167.D

Acq: 05 May 2025 18:14

Instrument :

MSVOA_Y

ClientSampleId :

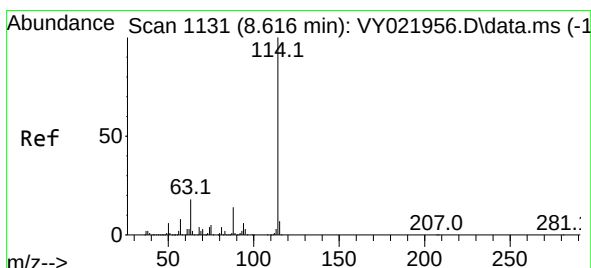
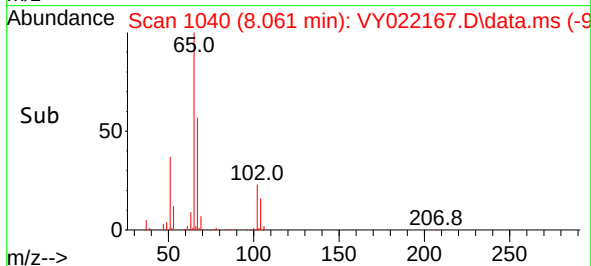
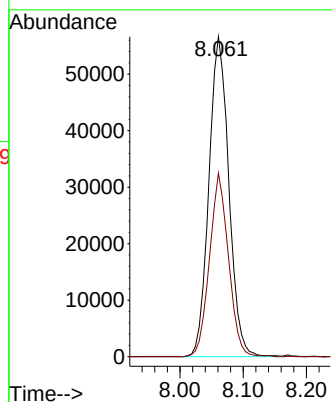
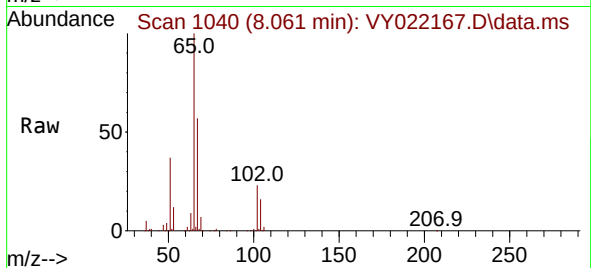
SO-TB-01-042325

Tgt Ion: 65 Resp: 123916

Ion Ratio Lower Upper

65 100

67 54.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022167.D

Acq: 05 May 2025 18:14

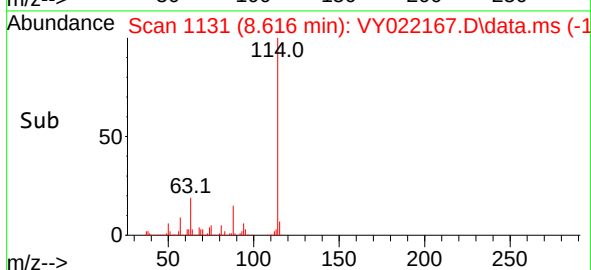
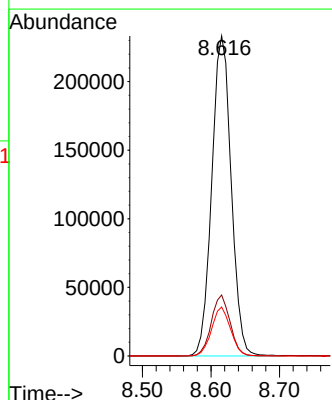
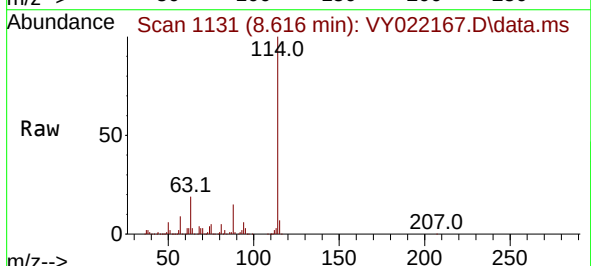
Tgt Ion: 114 Resp: 457703

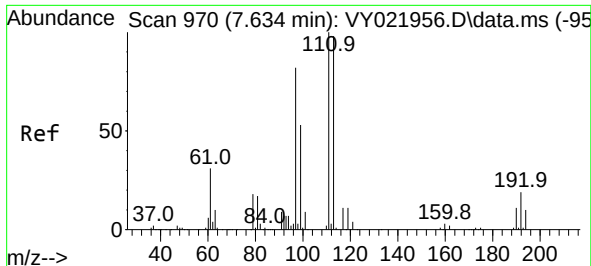
Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.4

88 15.3 0.0 28.2

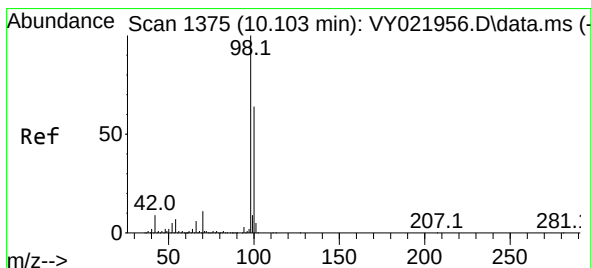
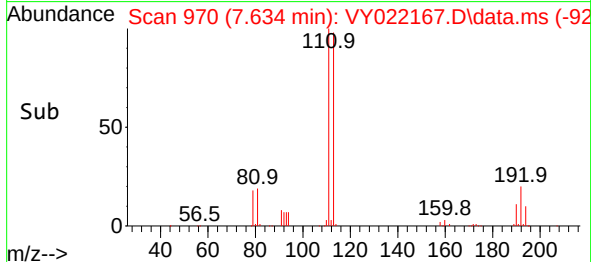
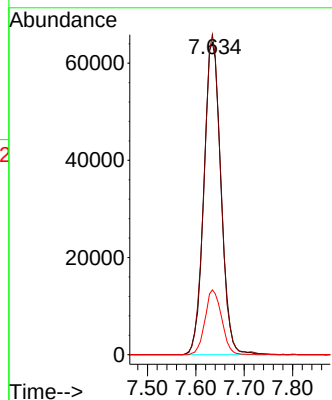
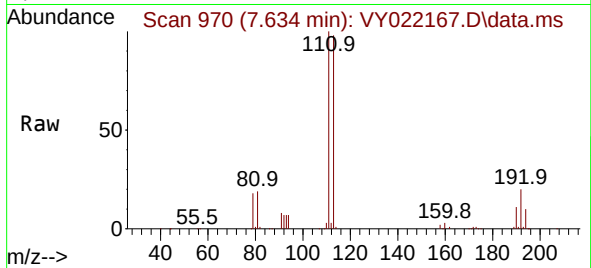




#35
Dibromofluoromethane
Concen: 52.268 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022167.D
Acq: 05 May 2025 18:14

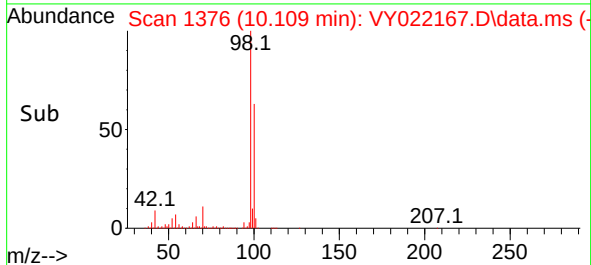
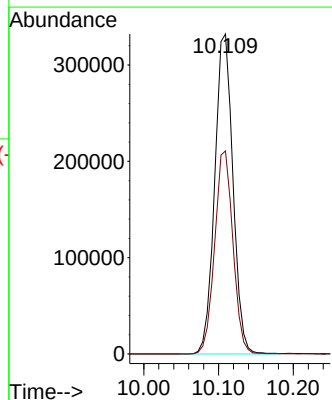
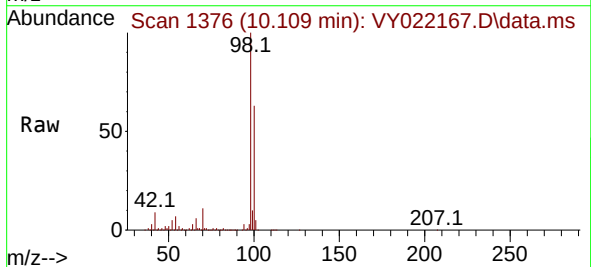
Instrument :
MSVOA_Y
ClientSampleId :
SO-TB-01-042325

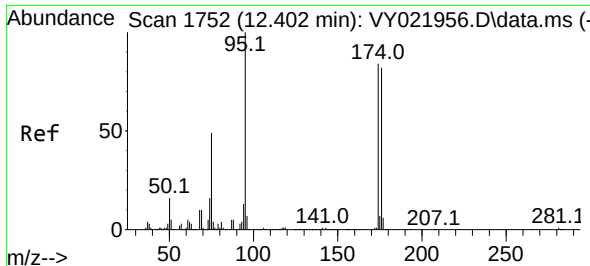
Tgt Ion:113 Resp: 158049
Ion Ratio Lower Upper
113 100
111 100.5 81.8 122.8
192 20.2 15.6 23.4



#50
Toluene-d8
Concen: 49.406 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022167.D
Acq: 05 May 2025 18:14

Tgt Ion: 98 Resp: 563215
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4

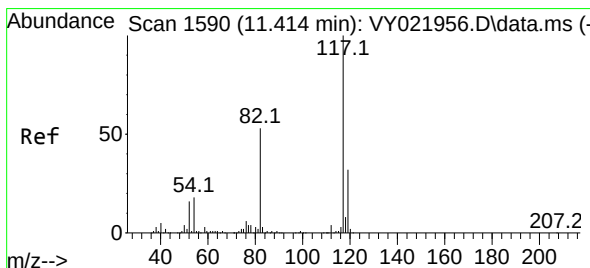
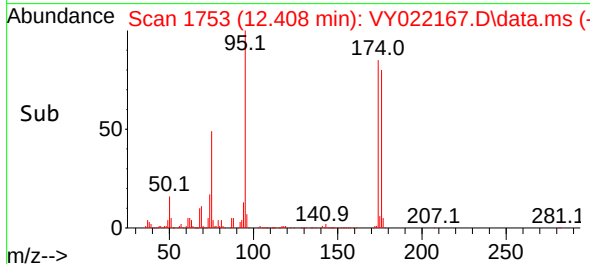
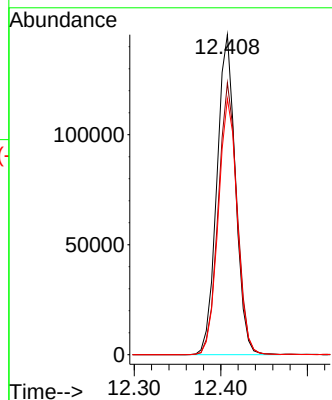
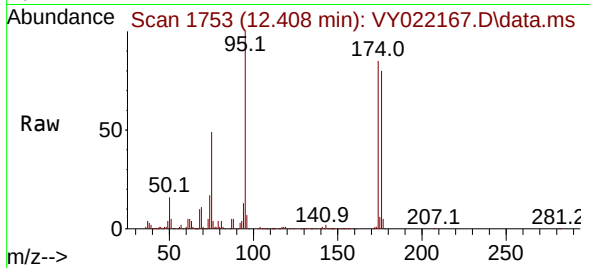




#62
4-Bromofluorobenzene
Concen: 56.407 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022167.D
Acq: 05 May 2025 18:14

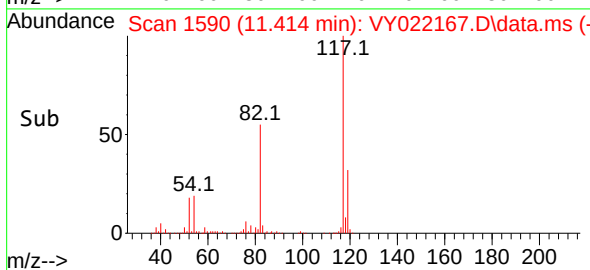
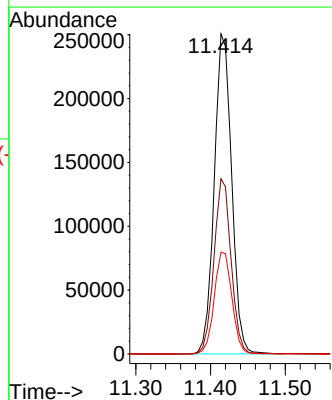
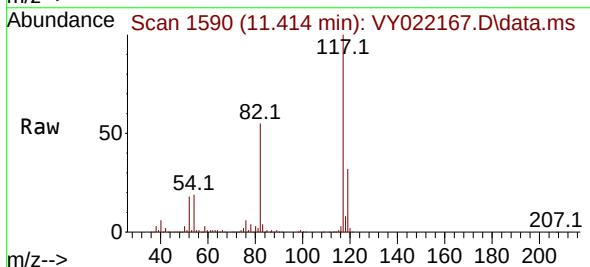
Instrument :
MSVOA_Y
ClientSampleId :
SO-TB-01-042325

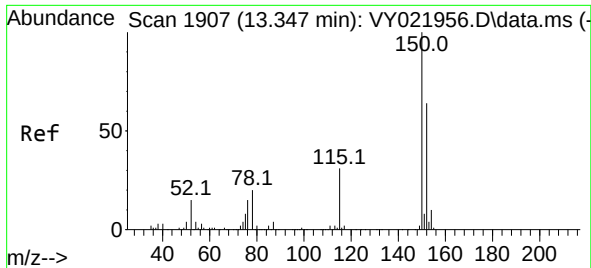
Tgt Ion: 95 Resp: 216469
Ion Ratio Lower Upper
95 100
174 86.4 0.0 179.0
176 82.0 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022167.D
Acq: 05 May 2025 18:14

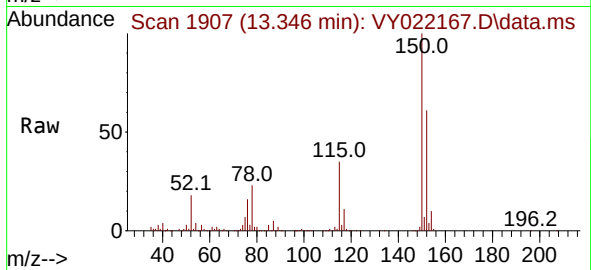
Tgt Ion: 117 Resp: 406634
Ion Ratio Lower Upper
117 100
82 54.8 42.1 63.1
119 31.8 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022167.D
 Acq: 05 May 2025 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 SO-TB-01-042325



Tgt Ion:	152	Resp:	150906
Ion Ratio	Lower	Upper	
152	100		
115	56.7	28.0	84.0
150	158.3	0.0	345.6

