

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052825\
 Data File : VY022450.D
 Acq On : 28 May 2025 15:04
 Operator : SY/MD
 Sample : Q2146-02
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP04-MHN-VOC

Quant Time: May 29 01:58:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	302897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	556801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	452835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	171019	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	178368	55.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.820%
35) Dibromofluoromethane	7.634	113	167448	51.352	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.700%
50) Toluene-d8	10.109	98	665364	50.054	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.100%
62) 4-Bromofluorobenzene	12.408	95	174020	43.279	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.560%

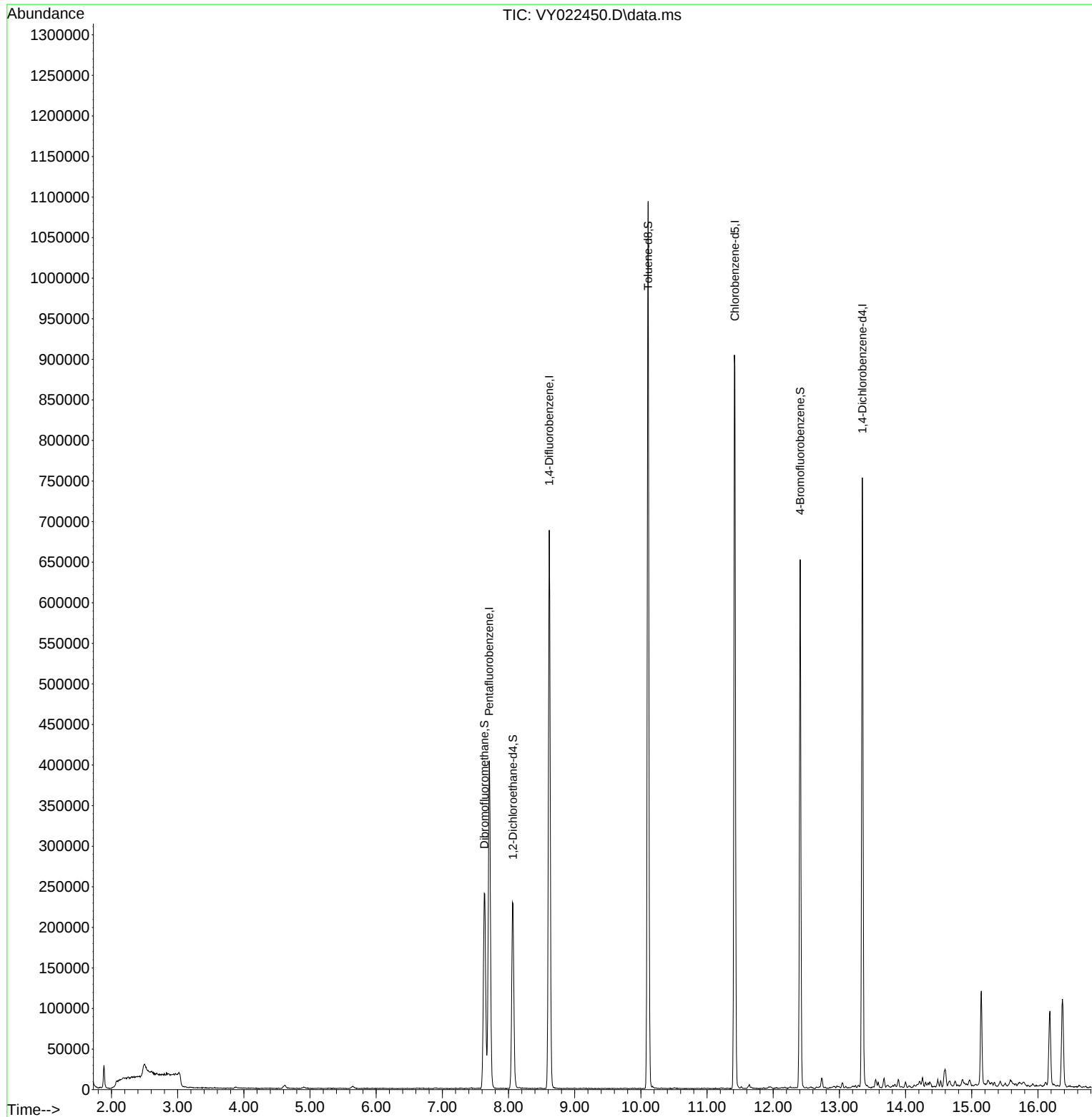
Target Compounds	Qvalue

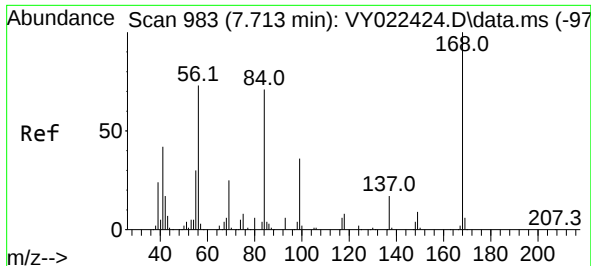
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052825\
Data File : VY022450.D
Acq On : 28 May 2025 15:04
Operator : SY/MD
Sample : Q2146-02
Misc : 5.75g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP04-MHN-VOC

Quant Time: May 29 01:58:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
Quant Title : SW846 8260
QLast Update : Wed May 28 10:34:06 2025
Response via : Initial Calibration

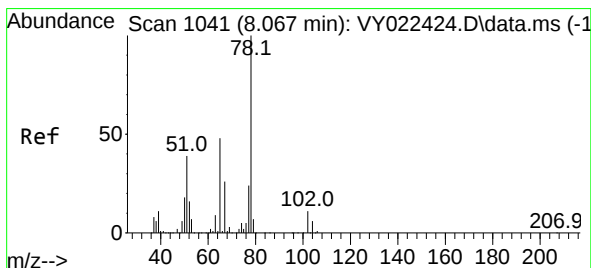
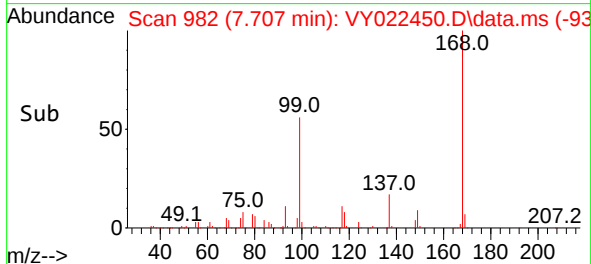
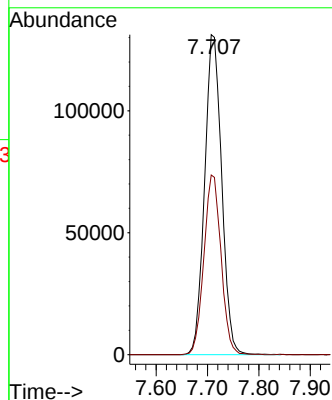
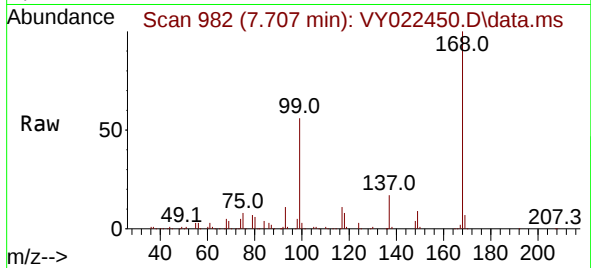




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022450.D
Acq: 28 May 2025 15:04

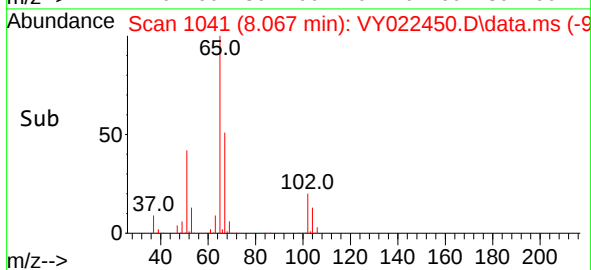
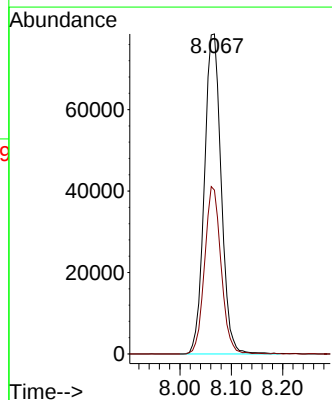
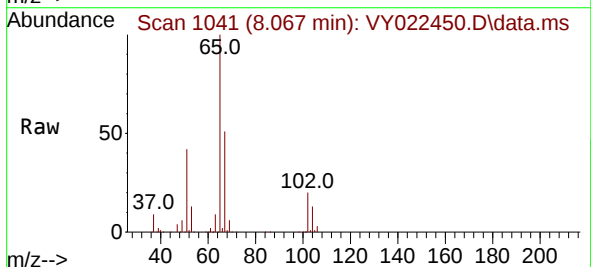
Instrument :
MSVOA_Y
ClientSampleId :
TP04-MHN-VOC

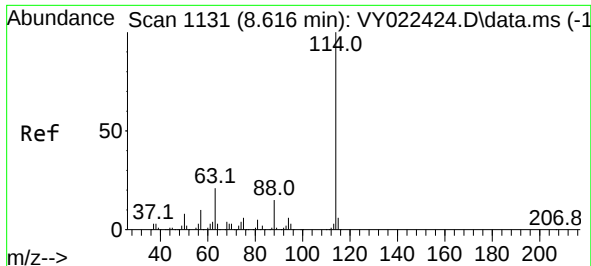
Tgt Ion:168 Resp: 302897
Ion Ratio Lower Upper
168 100
99 56.1 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 55.907 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY022450.D
Acq: 28 May 2025 15:04

Tgt Ion: 65 Resp: 178368
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.4

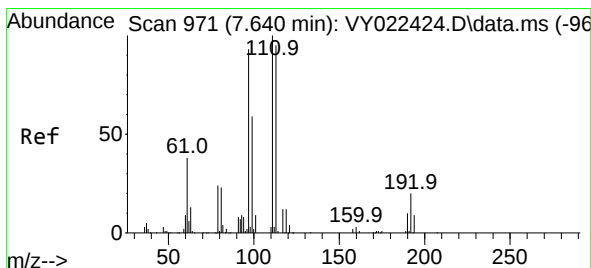
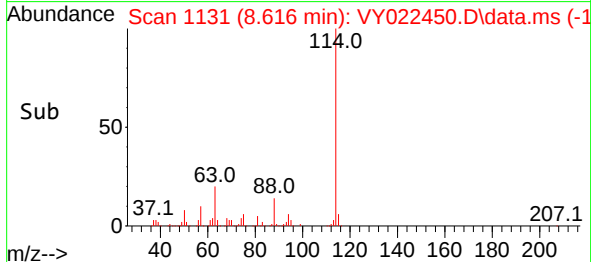
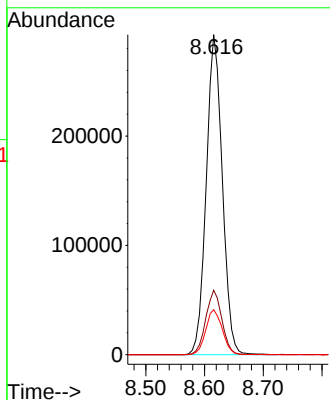
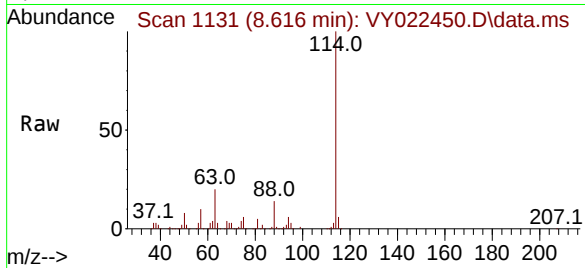




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022450.D
Acq: 28 May 2025 15:04

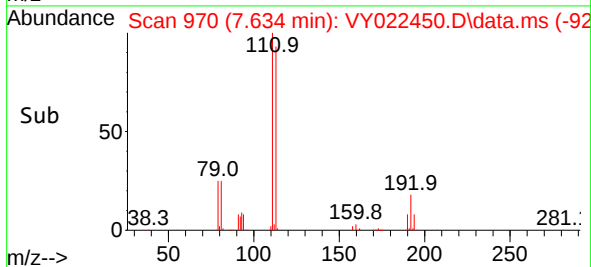
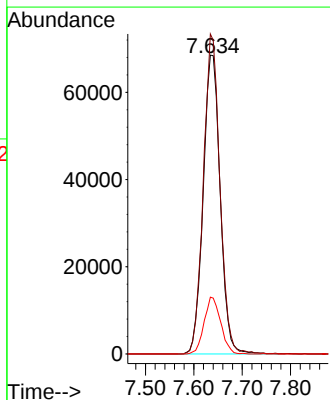
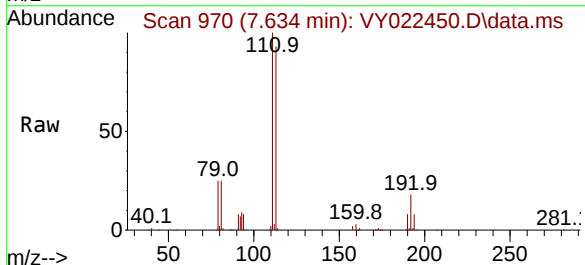
Instrument :
MSVOA_Y
ClientSampleId :
TP04-MHN-VOC

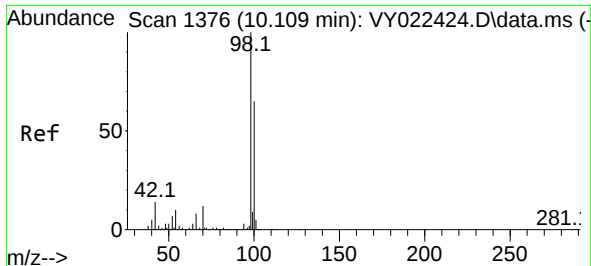
Tgt Ion:114 Resp: 556801
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.6
88 14.1 0.0 29.4



#35
Dibromofluoromethane
Concen: 51.352 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022450.D
Acq: 28 May 2025 15:04

Tgt Ion:113 Resp: 167448
Ion Ratio Lower Upper
113 100
111 104.0 82.4 123.6
192 18.5 15.2 22.8

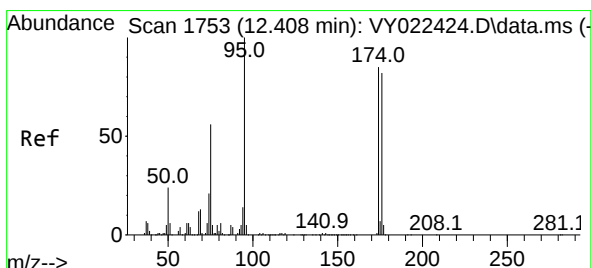
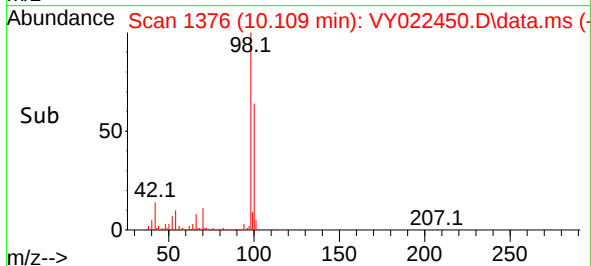
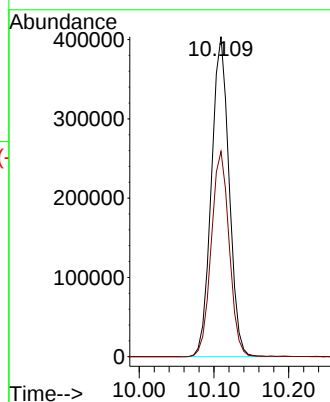
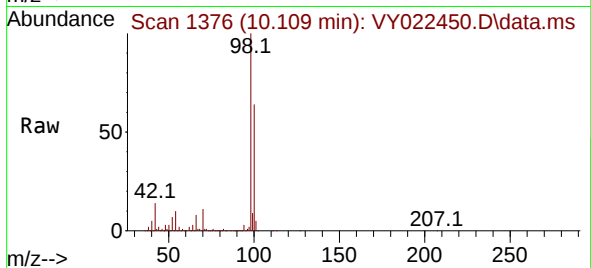




#50
Toluene-d8
Concen: 50.054 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022450.D
Acq: 28 May 2025 15:04

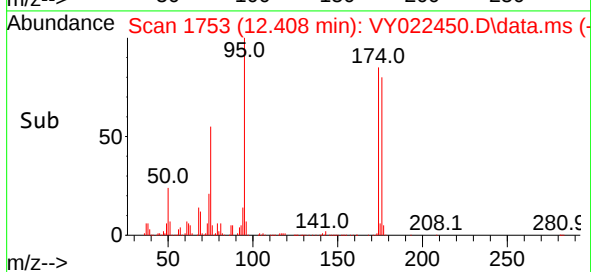
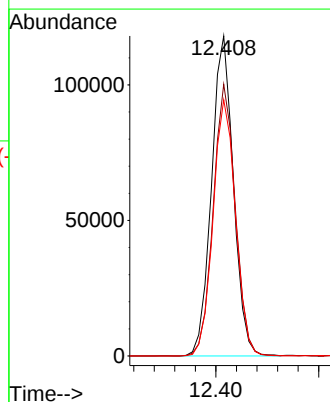
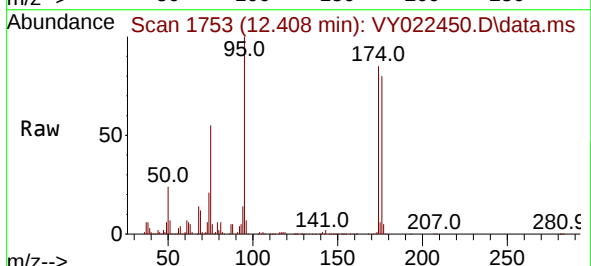
Instrument :
MSVOA_Y
ClientSampleId :
TP04-MHN-VOC

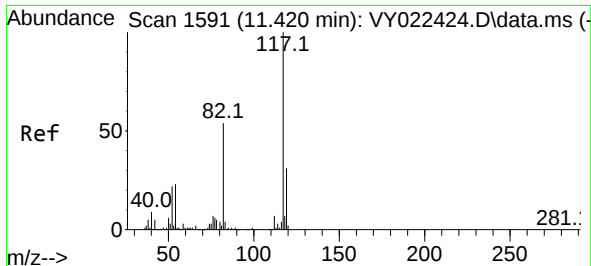
Tgt Ion: 98 Resp: 665364
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 43.279 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022450.D
Acq: 28 May 2025 15:04

Tgt Ion: 95 Resp: 174020
Ion Ratio Lower Upper
95 100
174 86.0 0.0 171.6
176 82.3 0.0 164.6

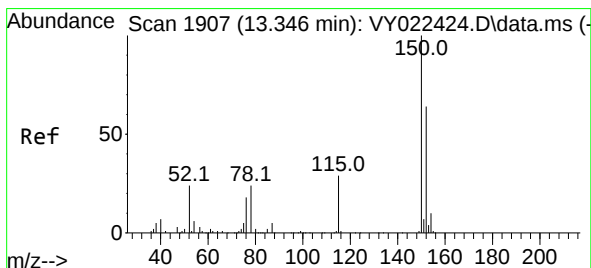
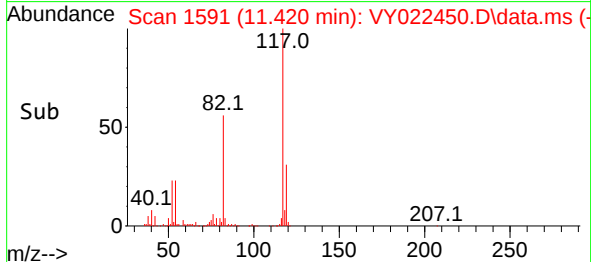
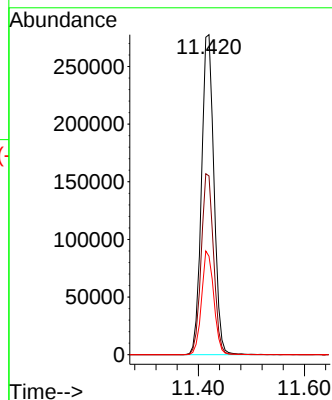
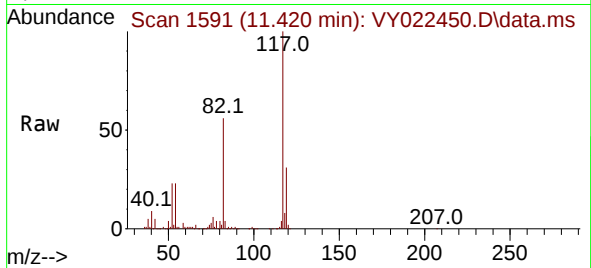




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY022450.D
Acq: 28 May 2025 15:04

Instrument :
MSVOA_Y
ClientSampleId :
TP04-MHN-VOC

Tgt Ion:117 Resp: 452835
Ion Ratio Lower Upper
117 100
82 55.9 43.3 64.9
119 30.8 24.5 36.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022450.D
Acq: 28 May 2025 15:04

Tgt Ion:152 Resp: 171019
Ion Ratio Lower Upper
152 100
115 57.8 28.4 85.3
150 157.5 0.0 345.8

