

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
 Data File : VY022527.D
 Acq On : 03 Jun 2025 16:58
 Operator : SY/MD
 Sample : Q2176-02
 Misc : 5.90g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-56

Quant Time: Jun 04 04:15:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	259331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	475112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	372480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	129377	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143439	49.454	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.900%
35) Dibromofluoromethane	7.634	113	143691	50.670	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.340%
50) Toluene-d8	10.103	98	564005	49.221	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.402	95	137531	40.283	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.560%

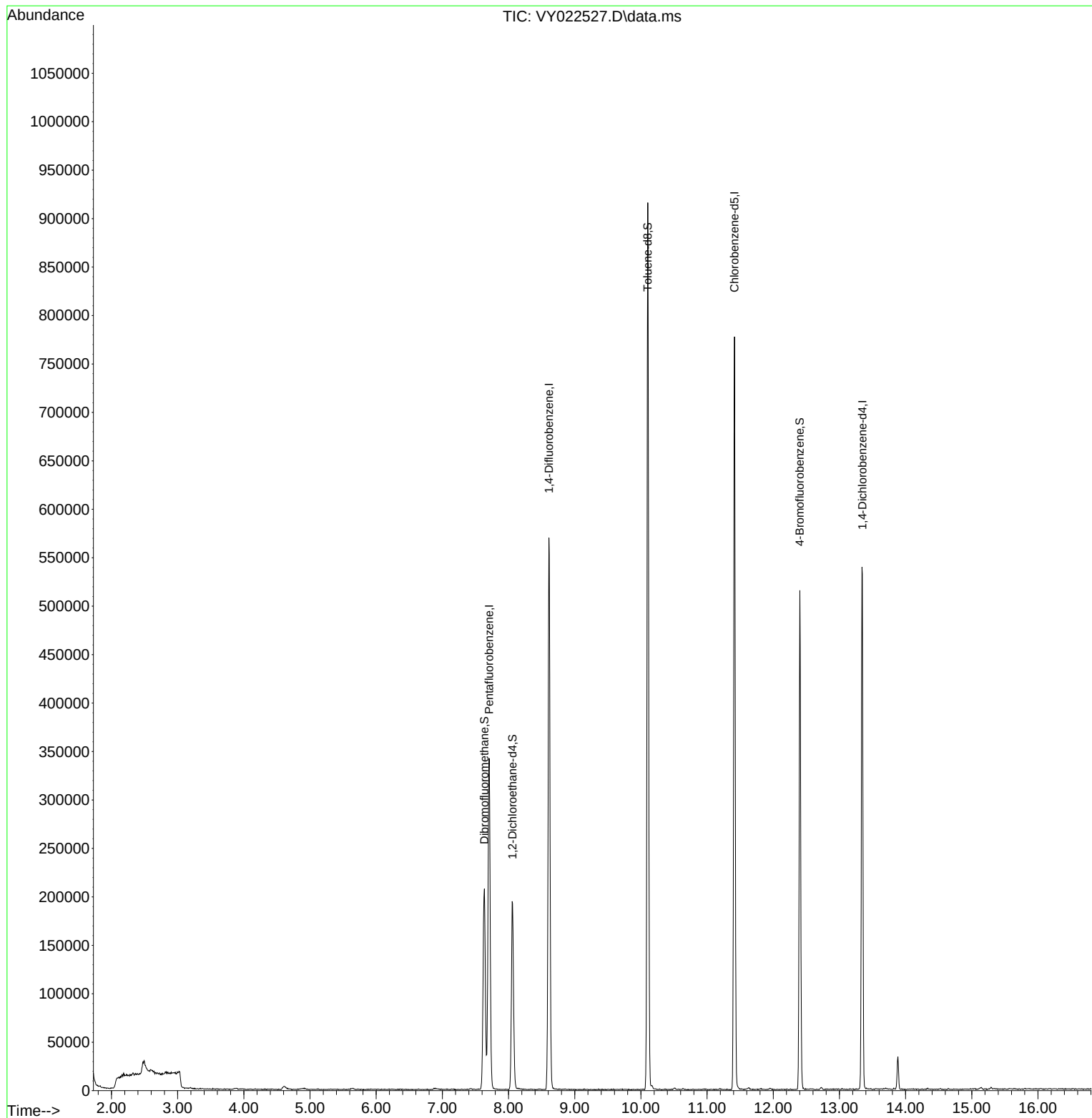
Target Compounds	Qvalue

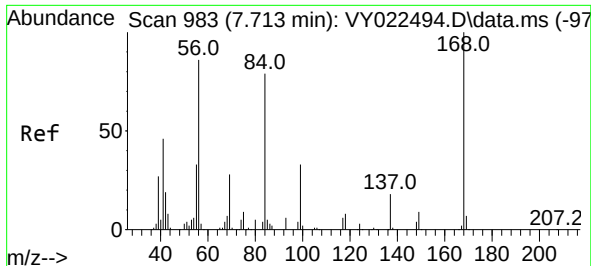
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022527.D
Acq On : 03 Jun 2025 16:58
Operator : SY/MD
Sample : Q2176-02
Misc : 5.90g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-56

Quant Time: Jun 04 04:15:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

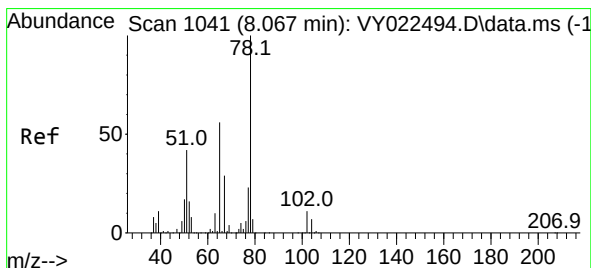
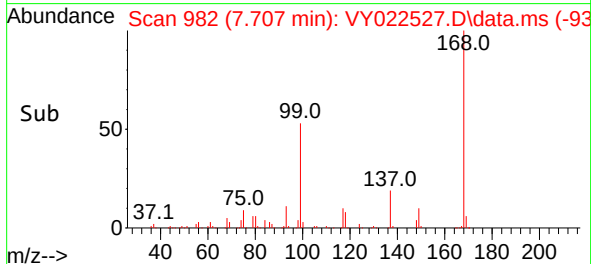
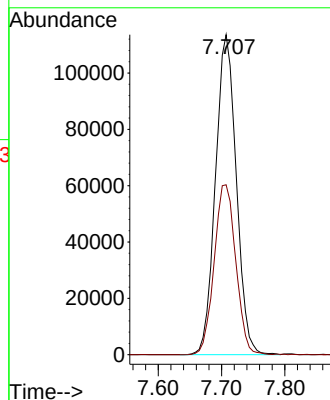
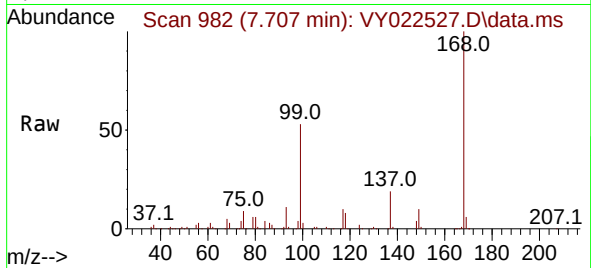




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022527.D
Acq: 03 Jun 2025 16:58

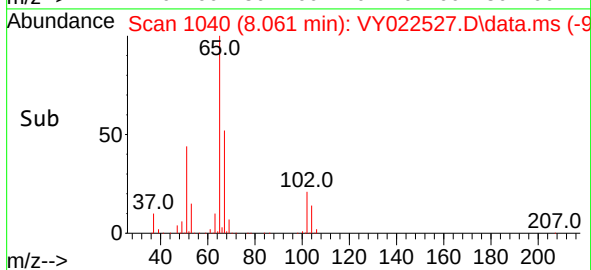
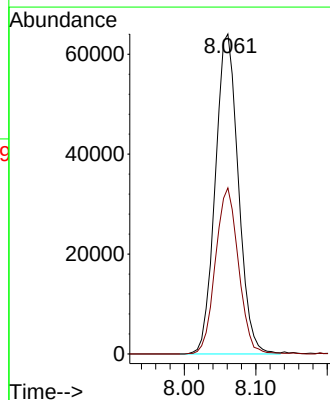
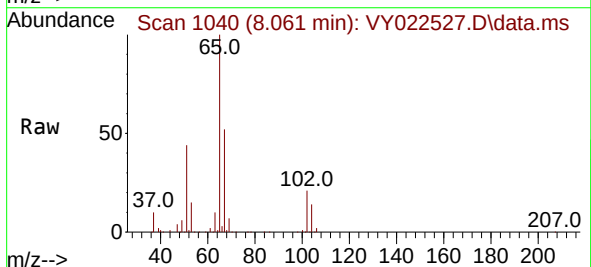
Instrument :
MSVOA_Y
ClientSampleId :
TP-56

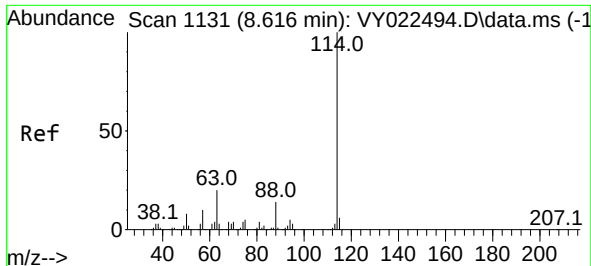
Tgt Ion:168 Resp: 259331
Ion Ratio Lower Upper
168 100
99 53.1 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 49.454 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022527.D
Acq: 03 Jun 2025 16:58

Tgt Ion: 65 Resp: 143439
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4

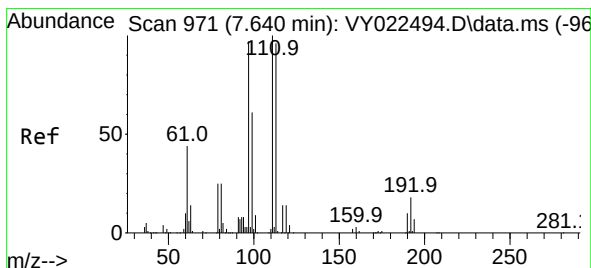
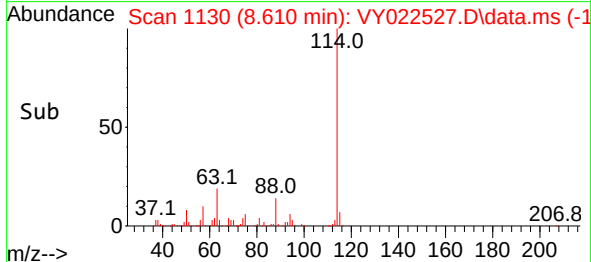
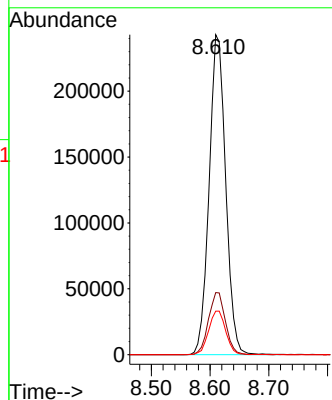
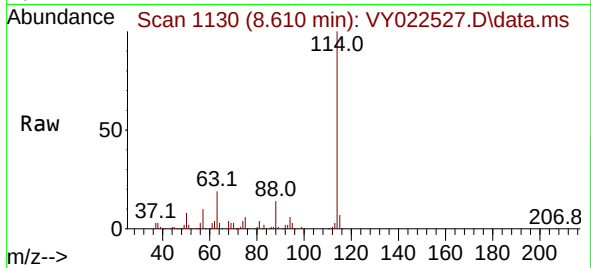




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY022527.D
Acq: 03 Jun 2025 16:58

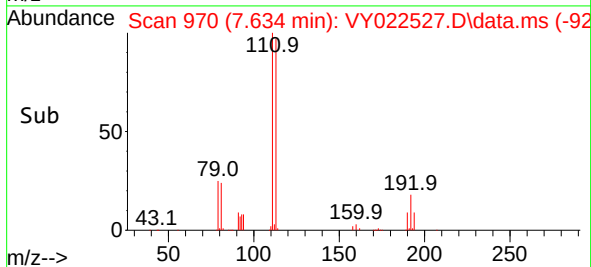
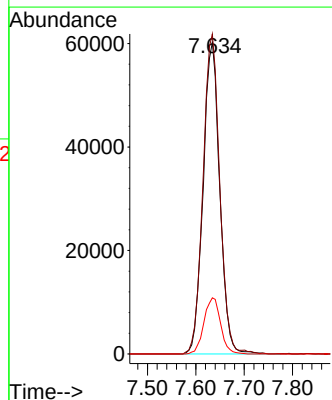
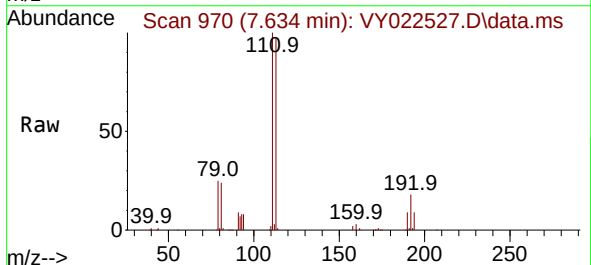
Instrument :
MSVOA_Y
ClientSampleId :
TP-56

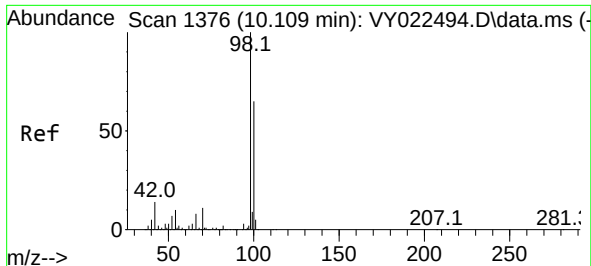
Tgt Ion:114 Resp: 475112
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.8
88 13.6 0.0 27.8



#35
Dibromofluoromethane
Concen: 50.670 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022527.D
Acq: 03 Jun 2025 16:58

Tgt Ion:113 Resp: 143691
Ion Ratio Lower Upper
113 100
111 103.6 81.1 121.7
192 18.0 14.2 21.2

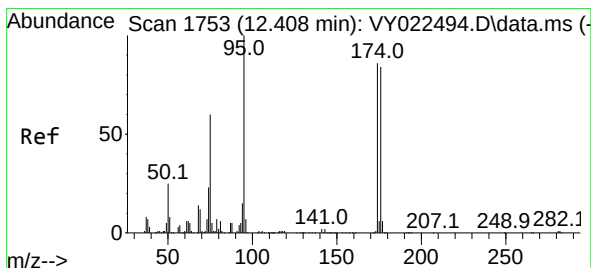
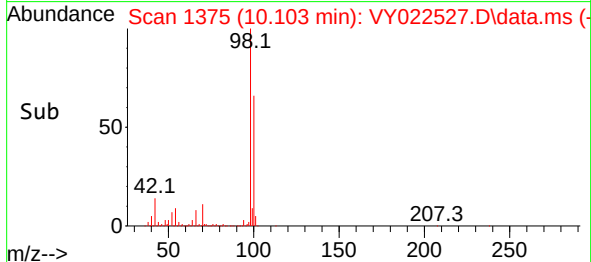
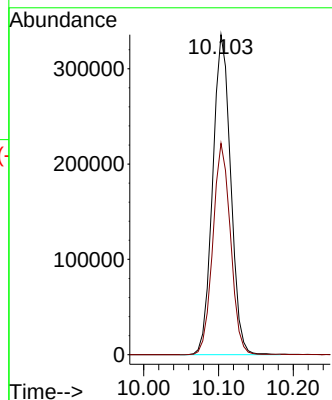
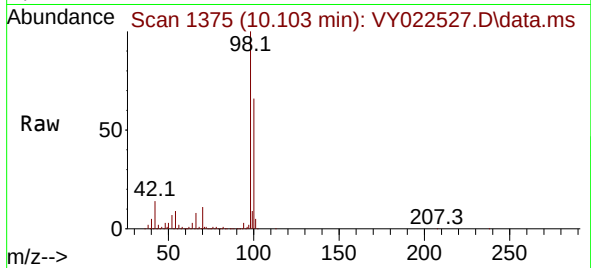




#50
Toluene-d8
Concen: 49.221 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022527.D
Acq: 03 Jun 2025 16:58

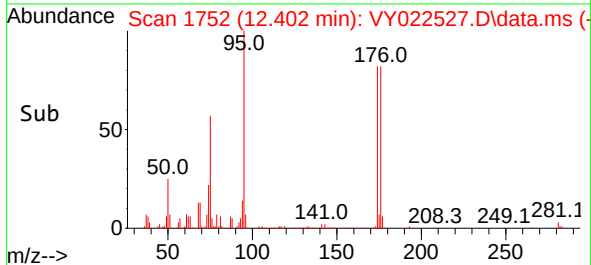
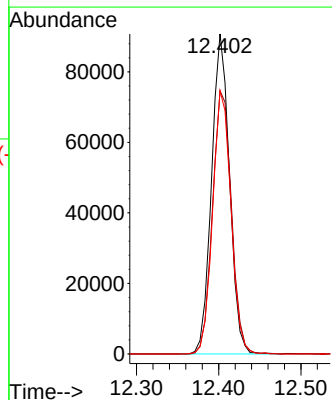
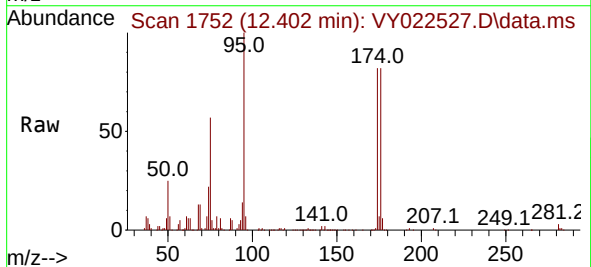
Instrument :
MSVOA_Y
ClientSampleId :
TP-56

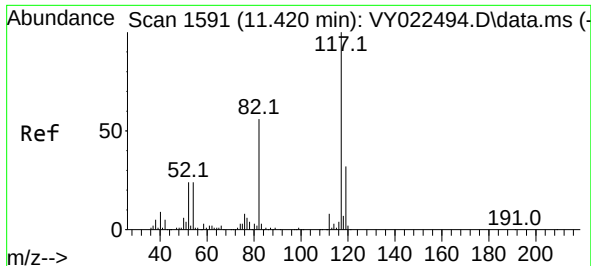
Tgt Ion: 98 Resp: 564005
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 40.283 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022527.D
Acq: 03 Jun 2025 16:58

Tgt Ion: 95 Resp: 137531
Ion Ratio Lower Upper
95 100
174 86.9 0.0 170.0
176 84.1 0.0 166.2

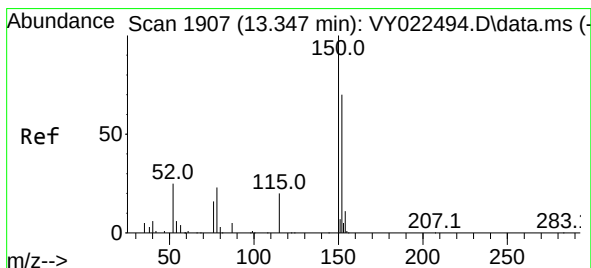
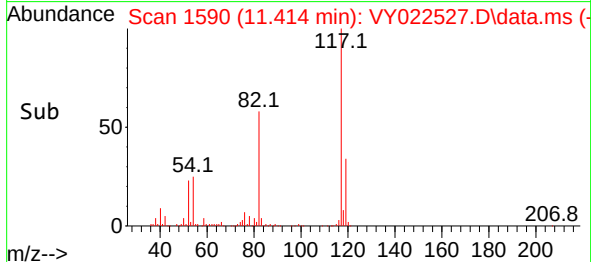
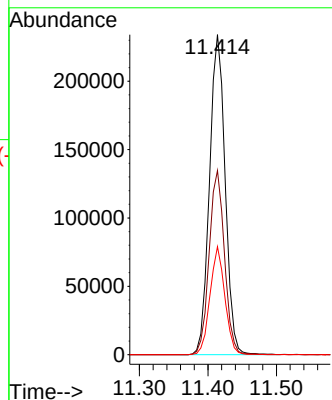
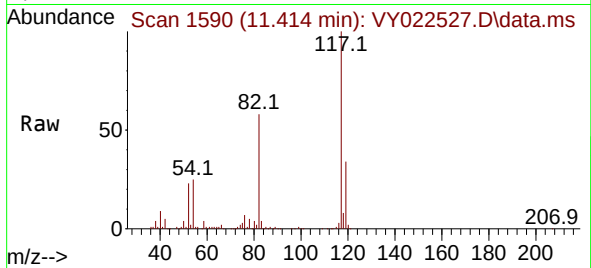




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022527.D
Acq: 03 Jun 2025 16:58

Instrument :
MSVOA_Y
ClientSampleId :
TP-56

Tgt Ion:117 Resp: 372480
Ion Ratio Lower Upper
117 100
82 57.6 44.6 66.8
119 33.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022527.D
Acq: 03 Jun 2025 16:58

Tgt Ion:152 Resp: 129377
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.7
150 158.1 0.0 349.6

