

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101025\
 Data File : VY023444.D
 Acq On : 10 Oct 2025 17:11
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Oct 11 02:01:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	585978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1125300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1155856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	523108	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	280567	57.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.520%
35) Dibromofluoromethane	7.640	113	368629	53.313	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.620%
50) Toluene-d8	10.109	98	1353722	52.572	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.140%
62) 4-Bromofluorobenzene	12.408	95	470590	55.355	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.700%

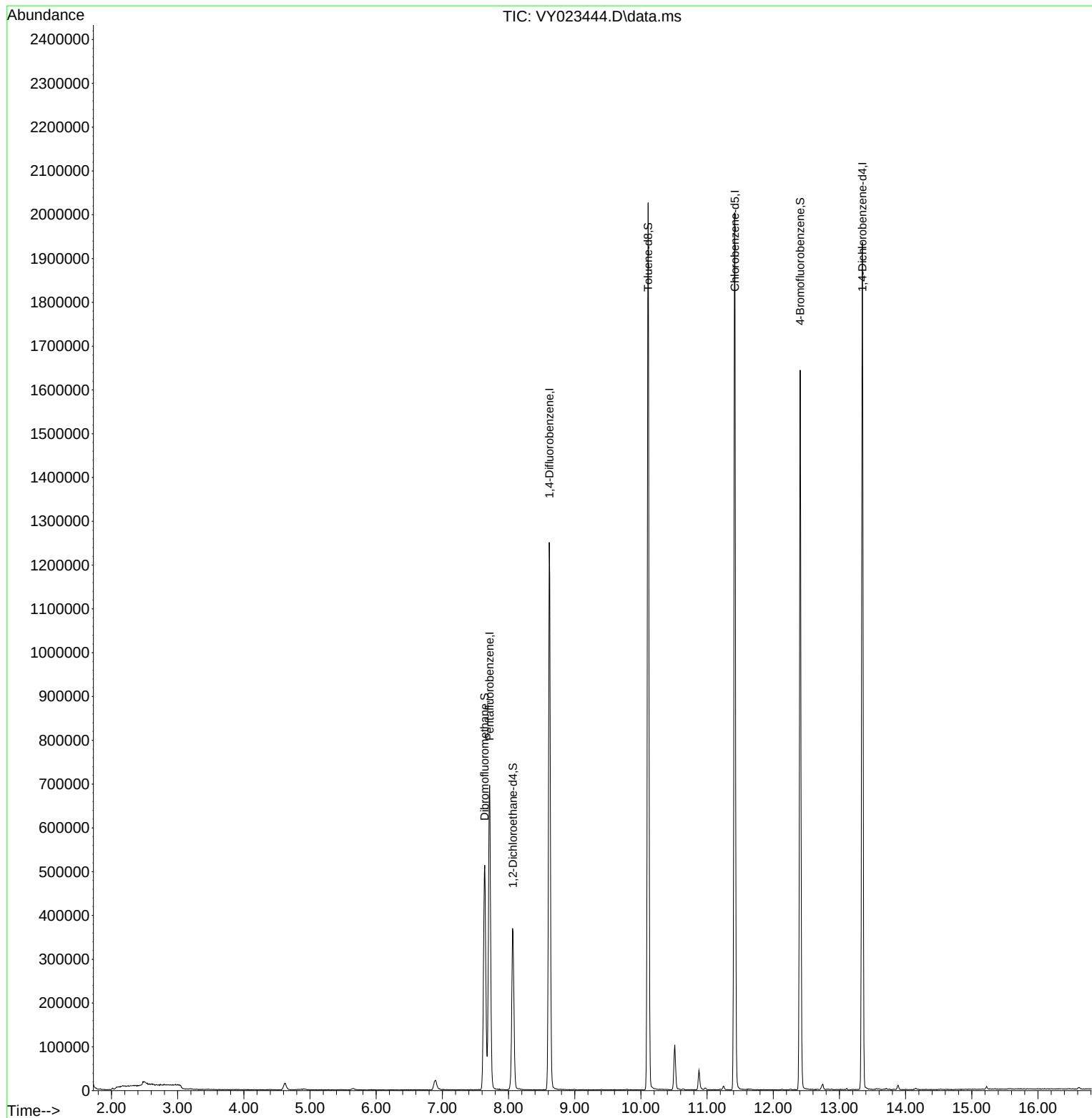
Target Compounds	Qvalue

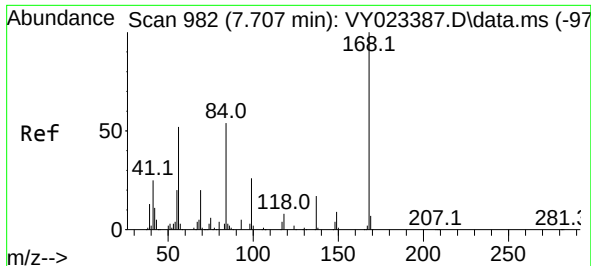
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101025\
Data File : VY023444.D
Acq On : 10 Oct 2025 17:11
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Oct 11 02:01:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

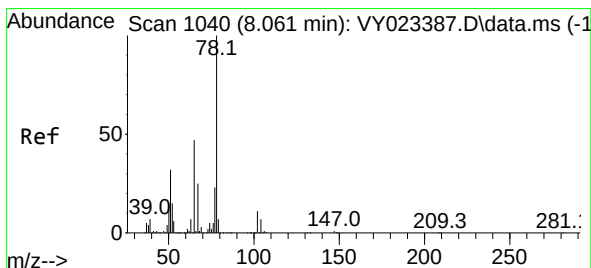
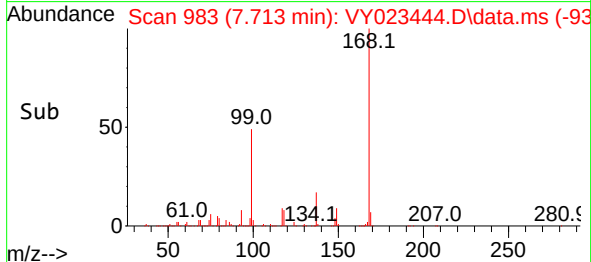
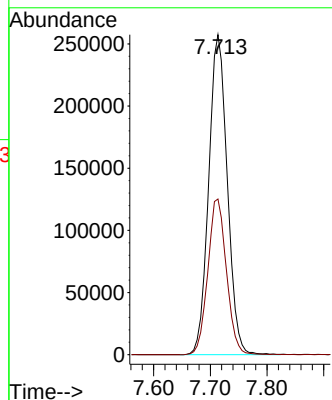
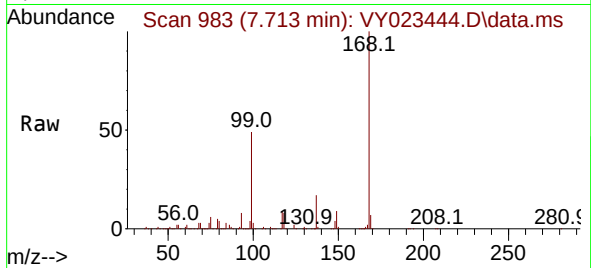




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023444.D
Acq: 10 Oct 2025 17:11

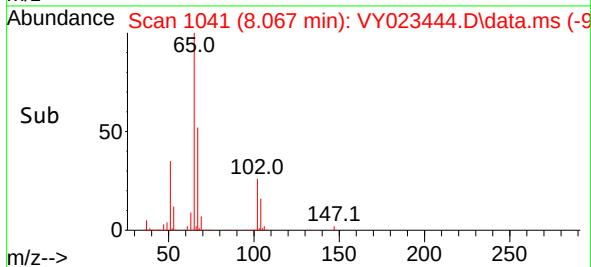
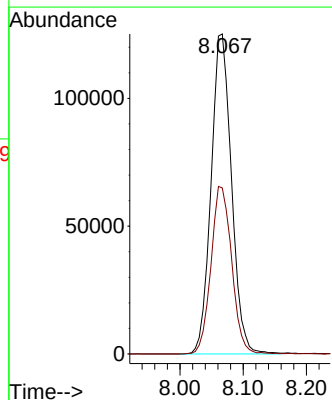
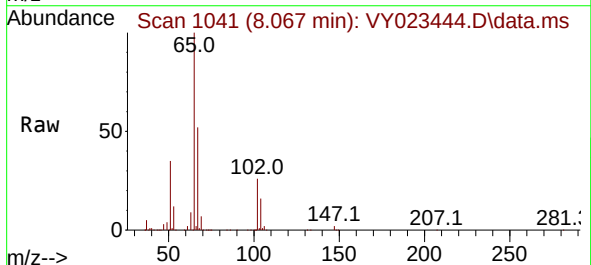
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

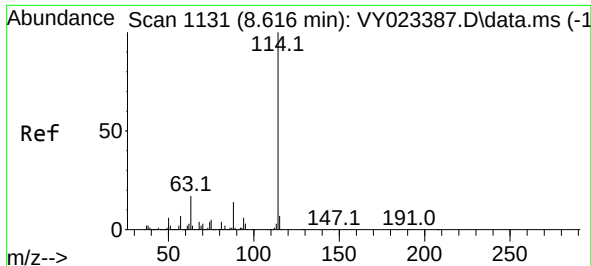
Tgt Ion:168 Resp: 585978
Ion Ratio Lower Upper
168 100
99 48.7 39.7 59.5



#33
1,2-Dichloroethane-d4
Concen: 57.258 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023444.D
Acq: 10 Oct 2025 17:11

Tgt Ion: 65 Resp: 280567
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.8

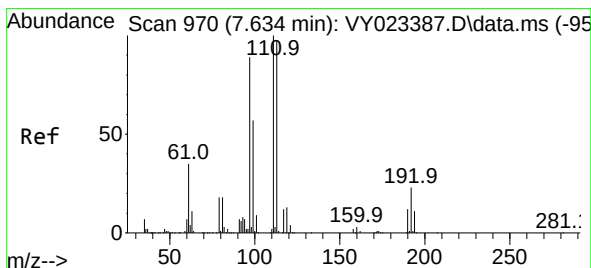
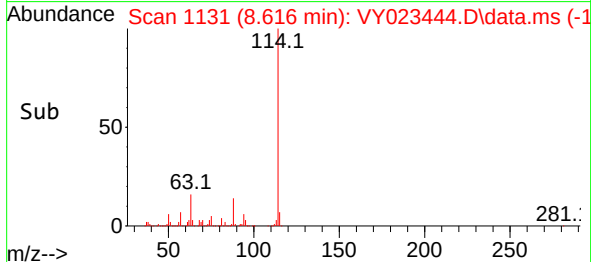
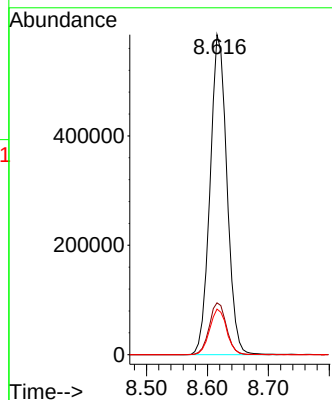
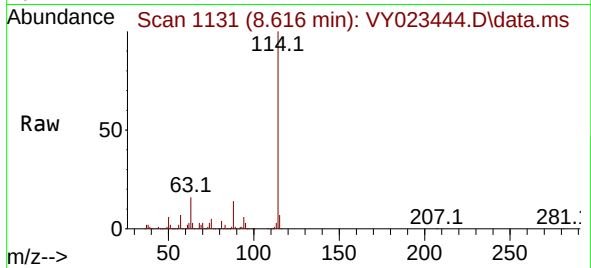




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023444.D
Acq: 10 Oct 2025 17:11

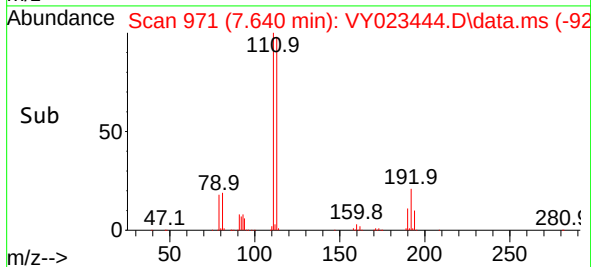
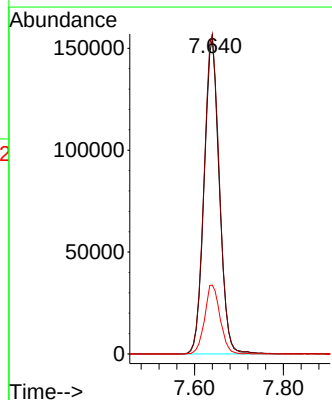
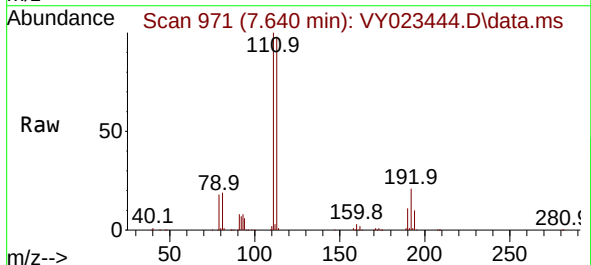
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

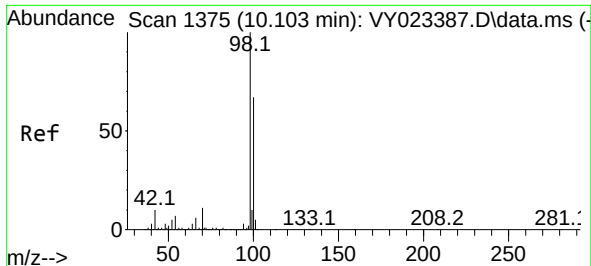
Tgt Ion:114 Resp: 1125300
Ion Ratio Lower Upper
114 100
63 16.2 0.0 34.2
88 14.2 0.0 28.4



#35
Dibromofluoromethane
Concen: 53.313 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023444.D
Acq: 10 Oct 2025 17:11

Tgt Ion:113 Resp: 368629
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 22.2 18.0 27.0

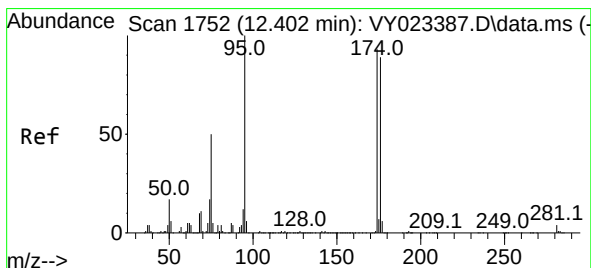
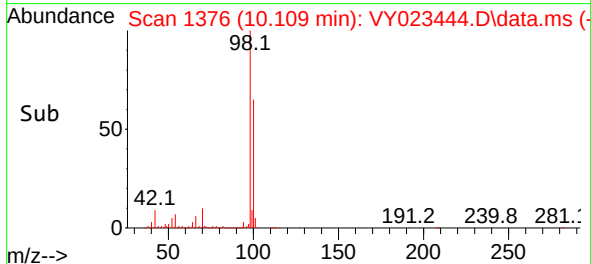
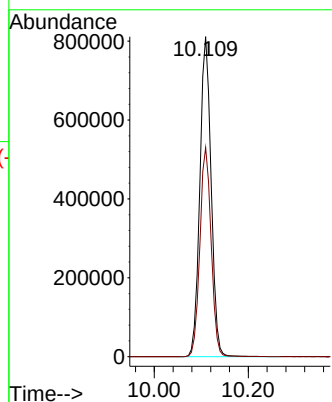
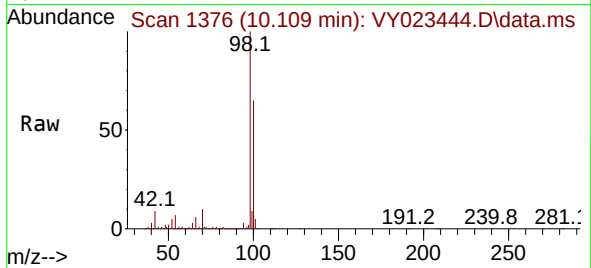




#50
Toluene-d8
Concen: 52.572 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023444.D
Acq: 10 Oct 2025 17:11

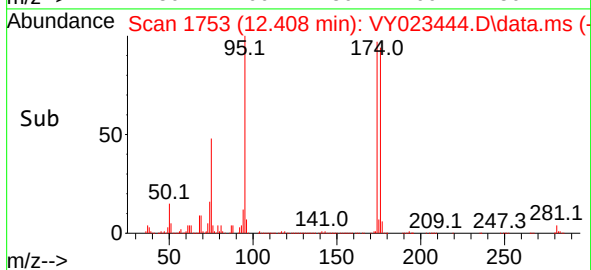
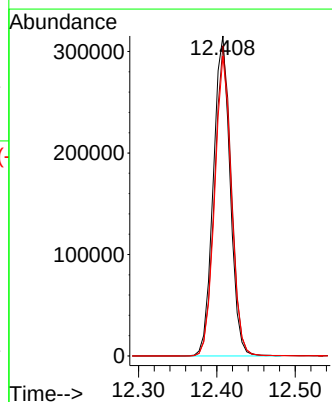
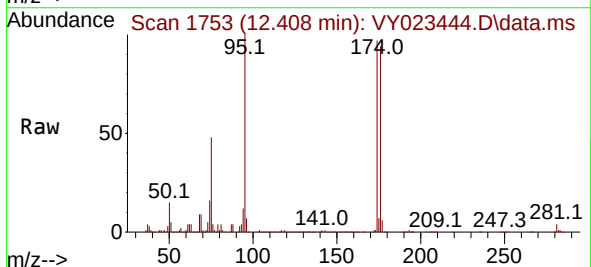
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

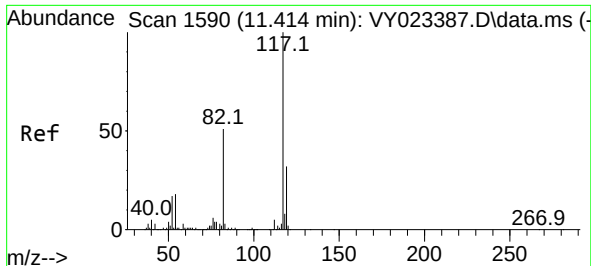
Tgt Ion: 98 Resp: 1353722
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.355 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023444.D
Acq: 10 Oct 2025 17:11

Tgt Ion: 95 Resp: 470590
Ion Ratio Lower Upper
95 100
174 97.6 0.0 192.8
176 93.2 0.0 187.6

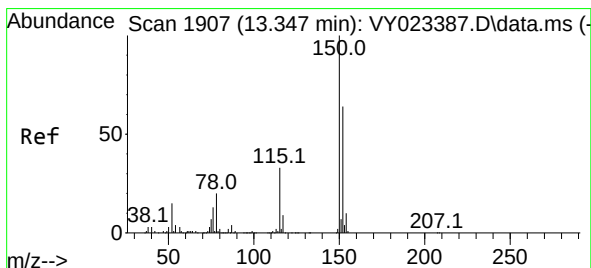
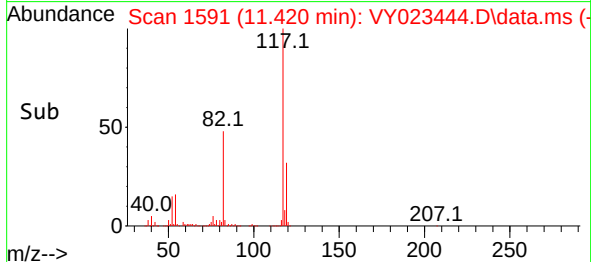
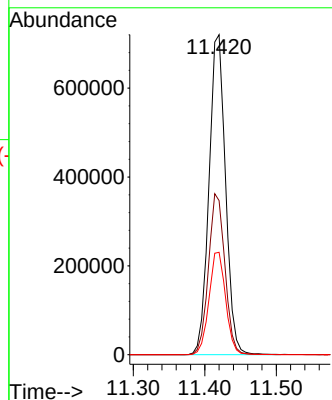
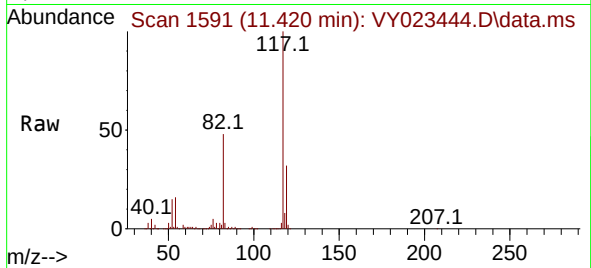




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1155856
Delta R.T. 0.006 min
Lab File: VY023444.D
Acq: 10 Oct 2025 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 1155856
Ion Ratio Lower Upper
117 100
82 48.1 41.0 61.4
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023444.D
Acq: 10 Oct 2025 17:11

Tgt Ion:152 Resp: 523108
Ion Ratio Lower Upper
152 100
115 53.8 27.1 81.2
150 155.2 0.0 347.4

