

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102825\
 Data File : VX048395.D
 Acq On : 28 Oct 2025 13:48
 Operator : JC/MD
 Sample : Q3472-04 20X
 Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-1

Quant Time: Oct 29 01:19:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	119948	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	247207	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	254252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129949	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	106776	63.491	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	126.980%#
35) Dibromofluoromethane	5.367	113	74090	43.901	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.800%
50) Toluene-d8	8.628	98	303064	51.233	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.460%
62) 4-Bromofluorobenzene	11.061	95	131103	58.257	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.520%

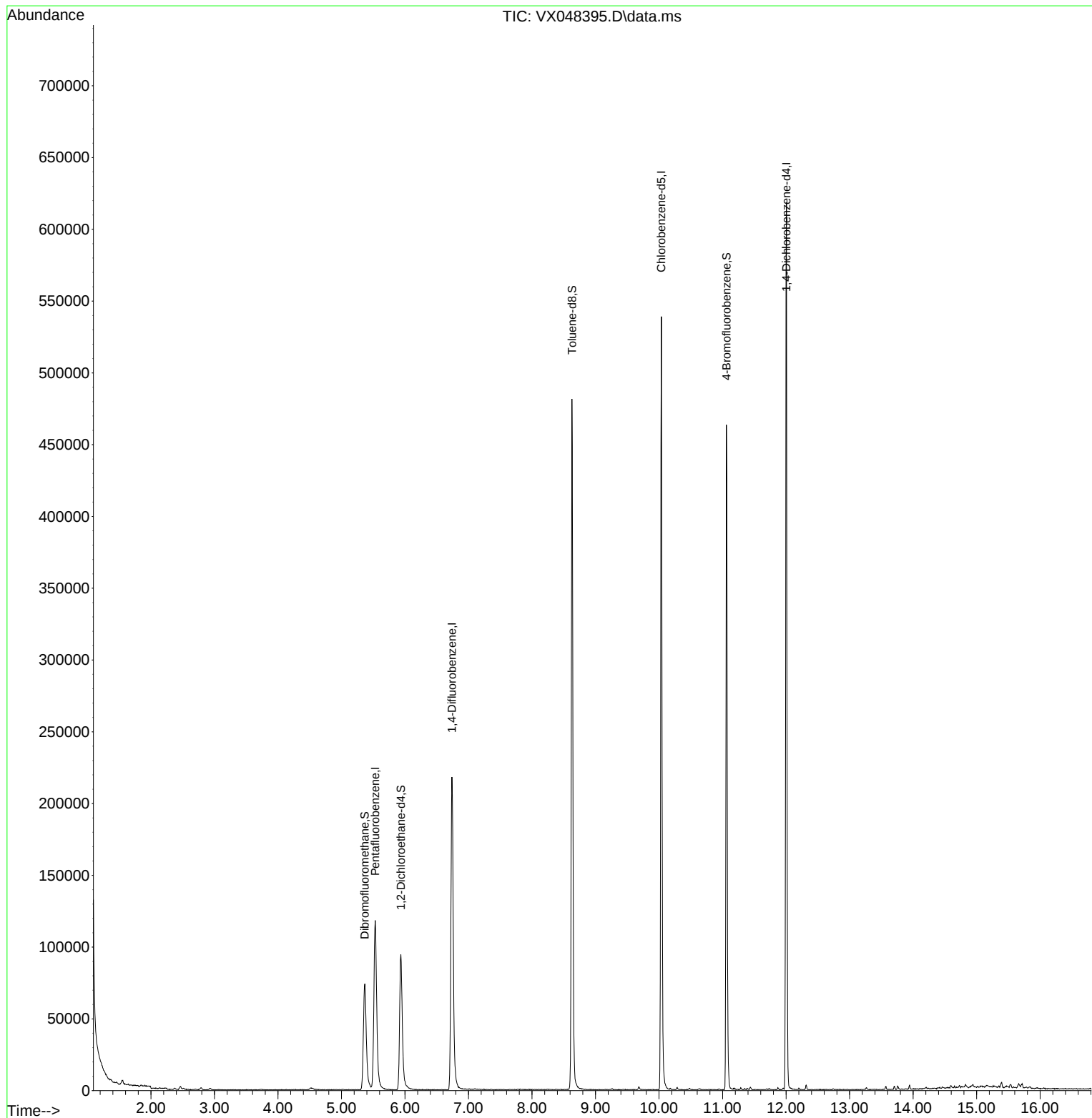
Target Compounds	Qvalue

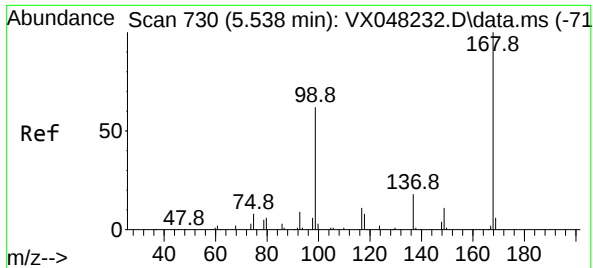
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102825\
Data File : VX048395.D
Acq On : 28 Oct 2025 13:48
Operator : JC/MD
Sample : Q3472-04 20X
Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
COMP-1

Quant Time: Oct 29 01:19:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

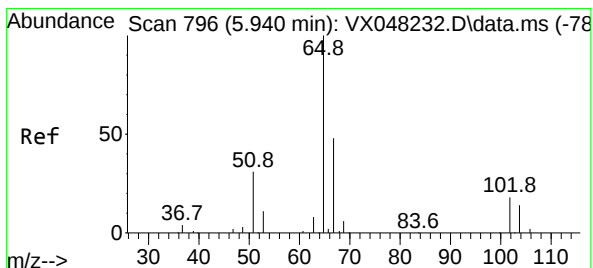
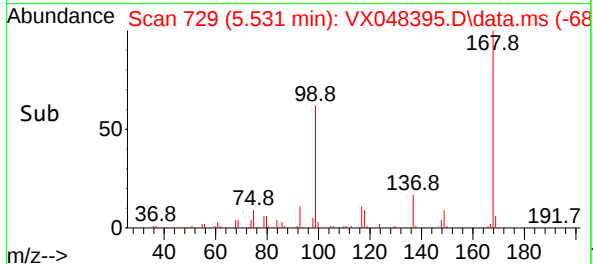
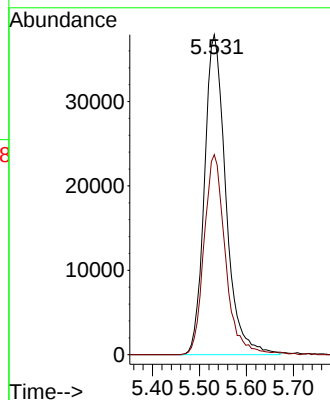
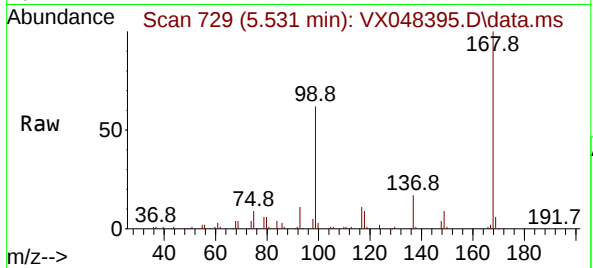




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048395.D
Acq: 28 Oct 2025 13:48

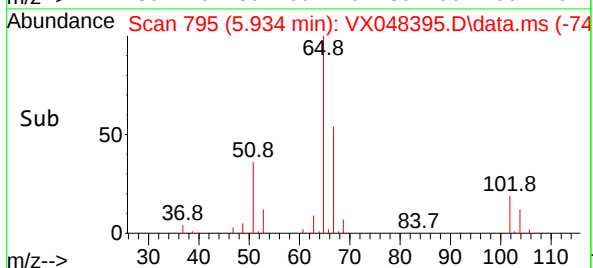
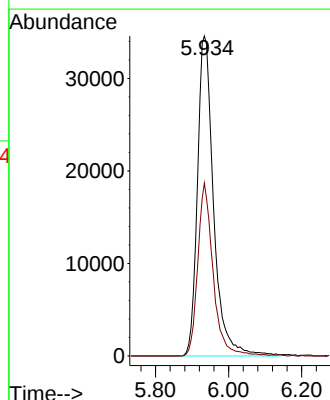
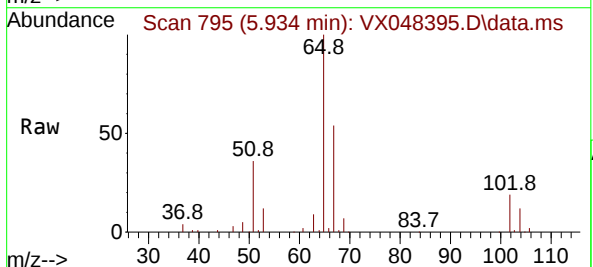
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

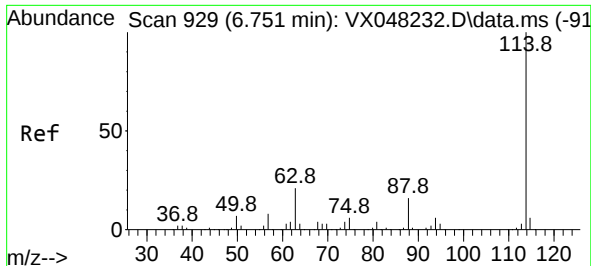
Tgt Ion:168 Resp: 119948
Ion Ratio Lower Upper
168 100
99 62.5 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 63.491 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048395.D
Acq: 28 Oct 2025 13:48

Tgt Ion: 65 Resp: 106776
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.0

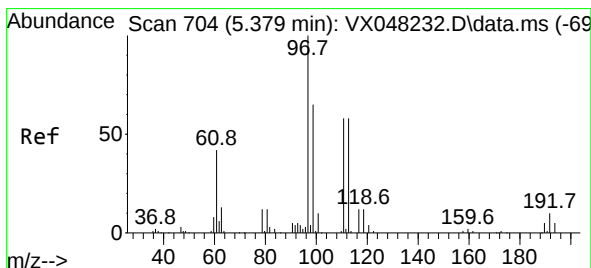
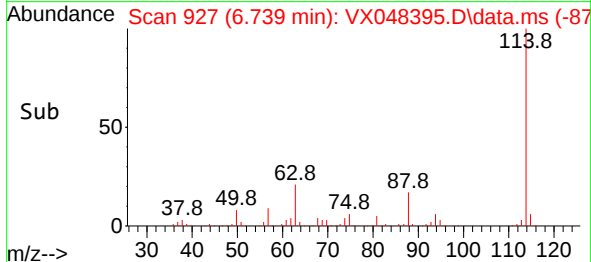
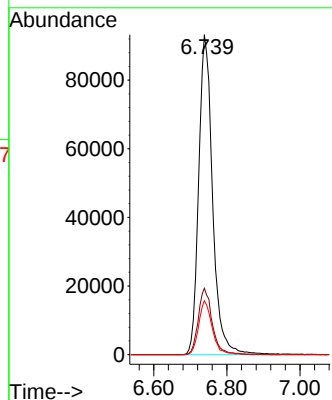
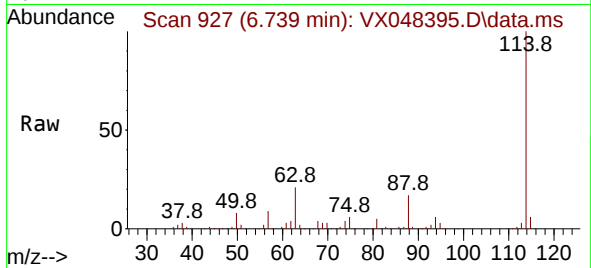




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048395.D
Acq: 28 Oct 2025 13:48

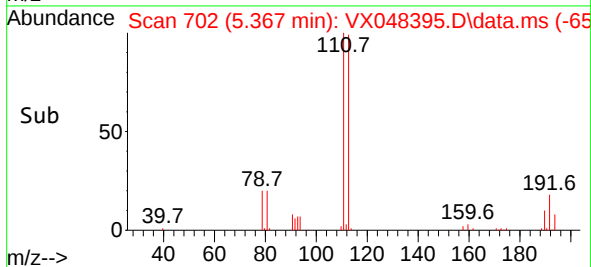
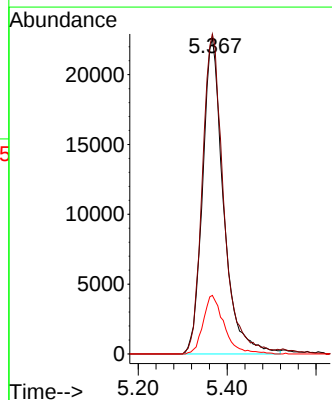
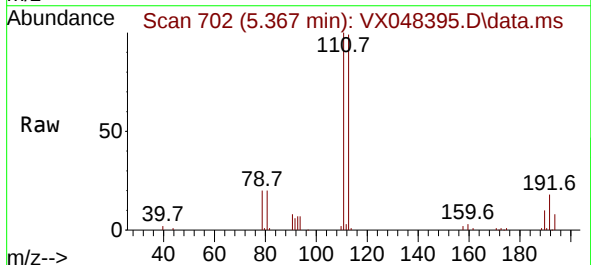
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

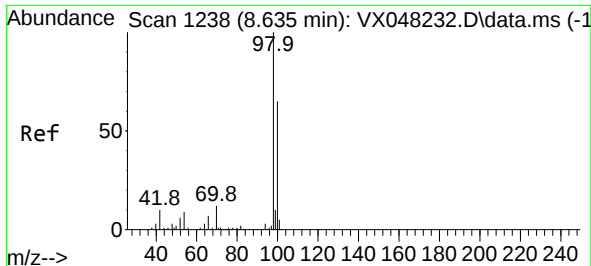
Tgt Ion:114 Resp: 247207
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.2
88 16.9 0.0 33.6



#35
Dibromofluoromethane
Concen: 43.901 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048395.D
Acq: 28 Oct 2025 13:48

Tgt Ion:113 Resp: 74090
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 18.8 15.1 22.7

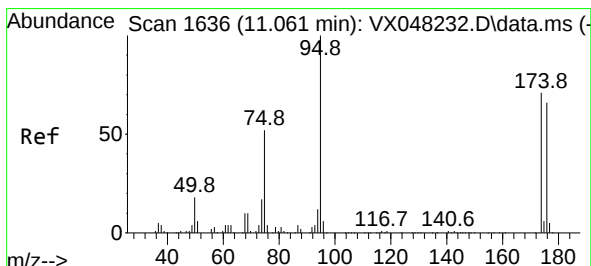
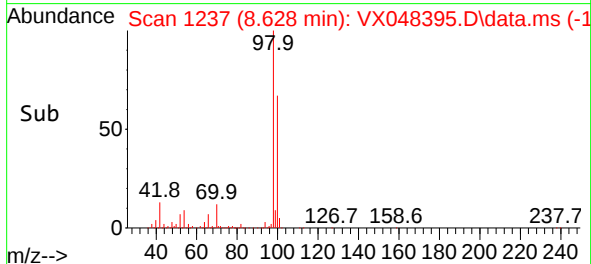
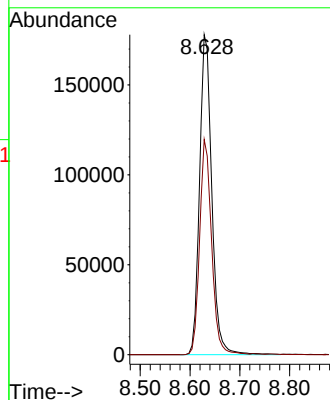
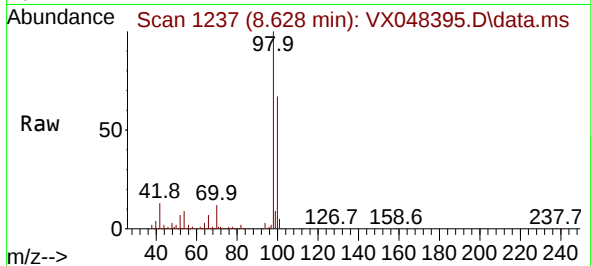




#50
Toluene-d8
Concen: 51.233 ug/l
RT: 8.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048395.D
Acq: 28 Oct 2025 13:48

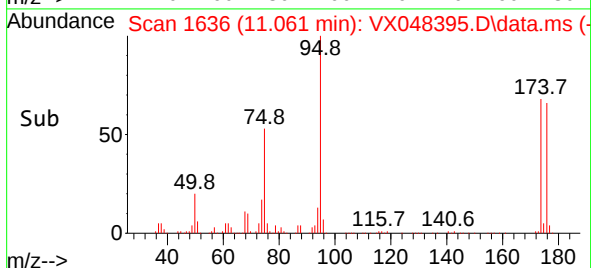
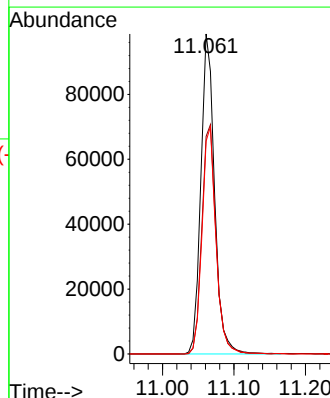
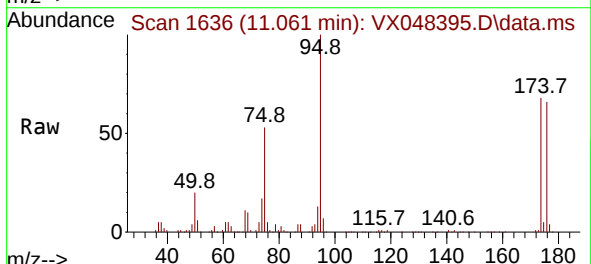
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

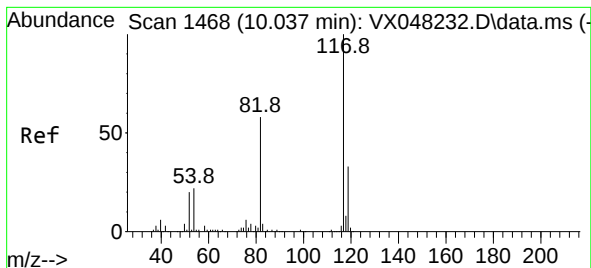
Tgt Ion: 98 Resp: 303064
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.257 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048395.D
Acq: 28 Oct 2025 13:48

Tgt Ion: 95 Resp: 131103
Ion Ratio Lower Upper
95 100
174 74.3 0.0 147.8
176 72.2 0.0 142.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048395.D

Acq: 28 Oct 2025 13:48

Instrument :

MSVOA_X

ClientSampleId :

COMP-1

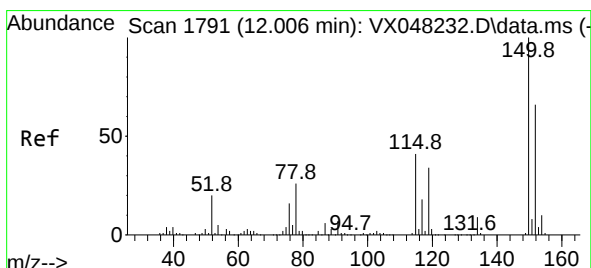
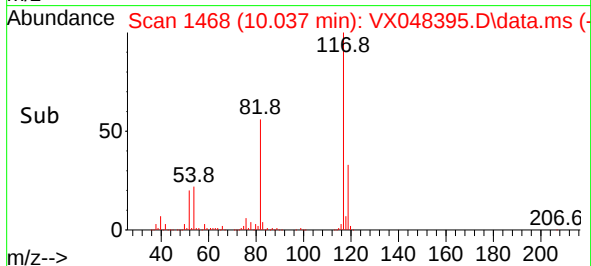
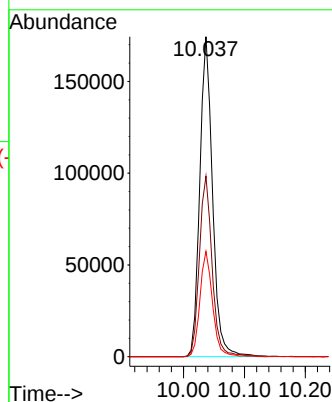
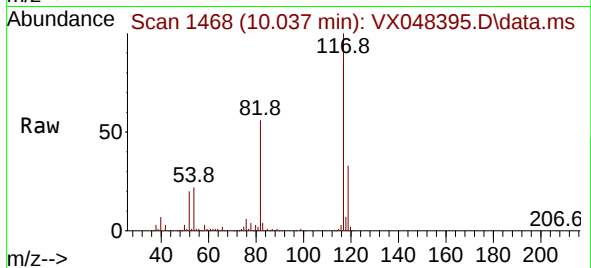
Tgt Ion:117 Resp: 254252

Ion Ratio Lower Upper

117 100

82 56.4 46.5 69.7

119 32.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048395.D

Acq: 28 Oct 2025 13:48

Tgt Ion:152 Resp: 129949

Ion Ratio Lower Upper

152 100

115 60.8 43.1 129.4

150 156.4 0.0 353.0

