

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102825\
 Data File : VX048398.D
 Acq On : 28 Oct 2025 14:50
 Operator : JC/MD
 Sample : Q3472-10 20X
 Misc : 1.10g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-4

Quant Time: Oct 29 01:20:47 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	5.544	168	120579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	249241	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	264809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	138669	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	109132	64.552	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	129.100%#
35) Dibromofluoromethane	5.373	113	75295	44.251	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.500%
50) Toluene-d8	8.635	98	309517	51.896	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.800%
62) 4-Bromofluorobenzene	11.061	95	138556	61.067	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.140%

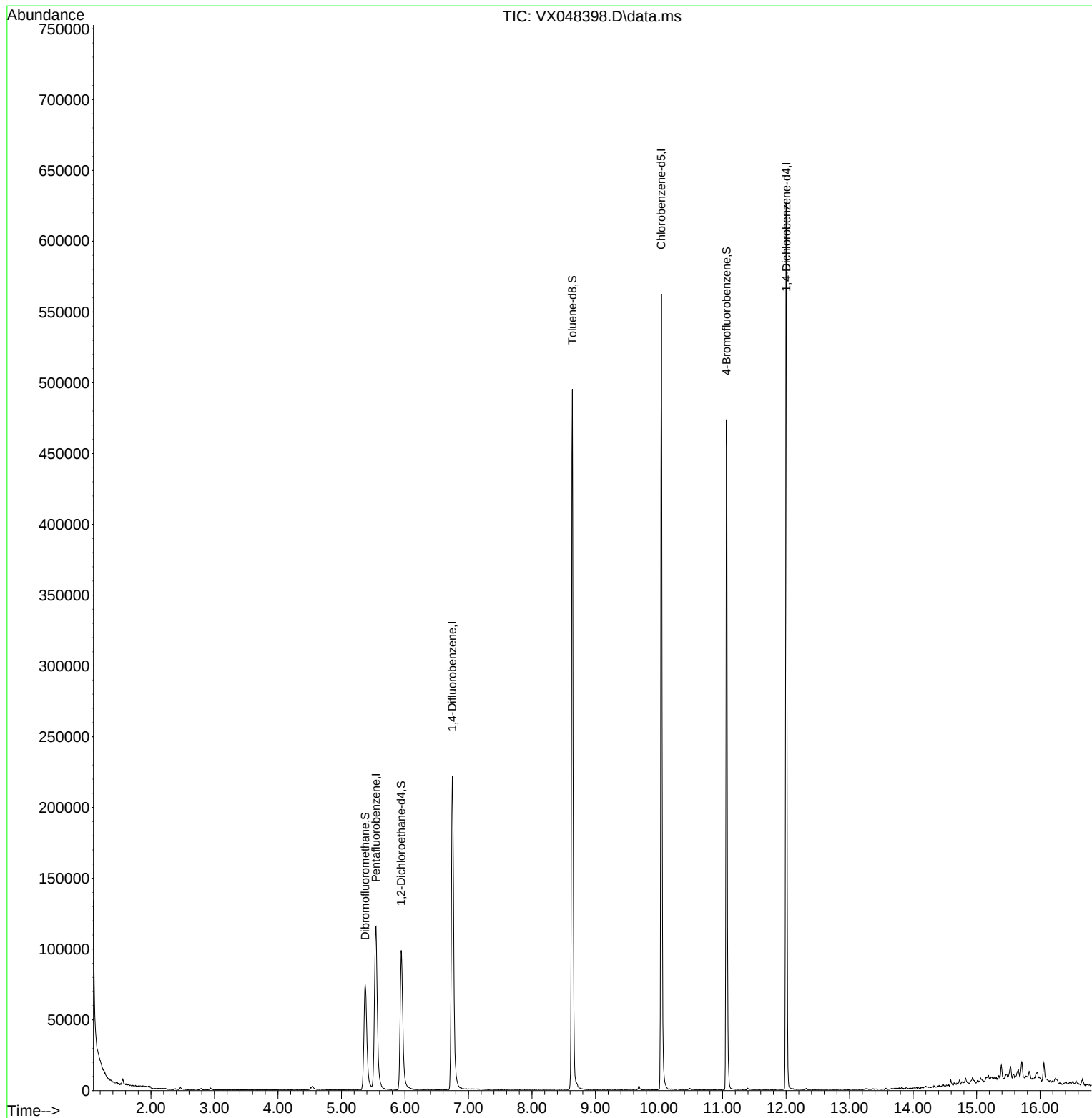
Target Compounds	Qvalue

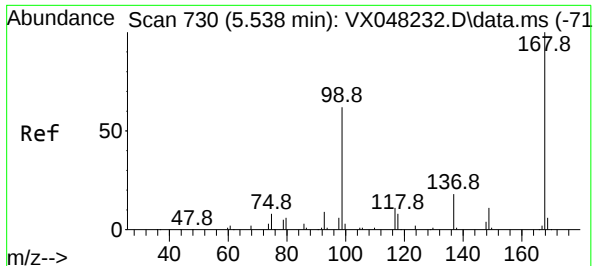
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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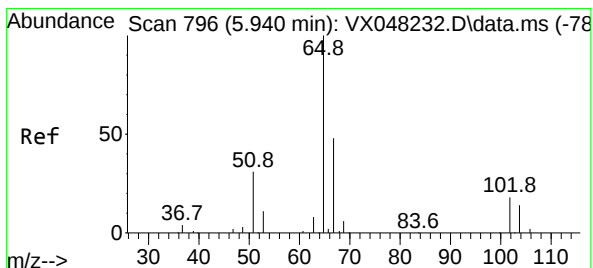
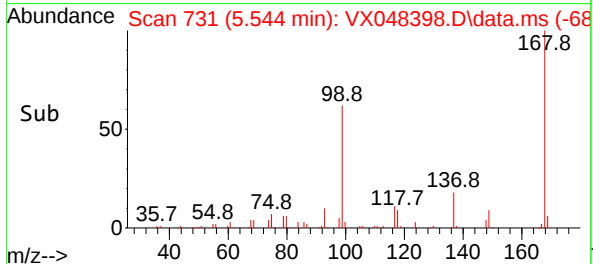
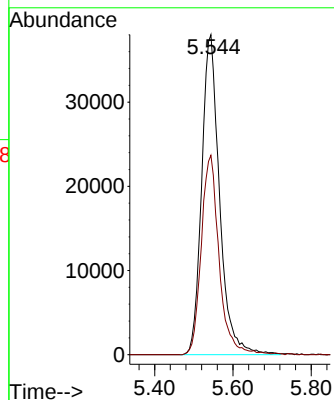
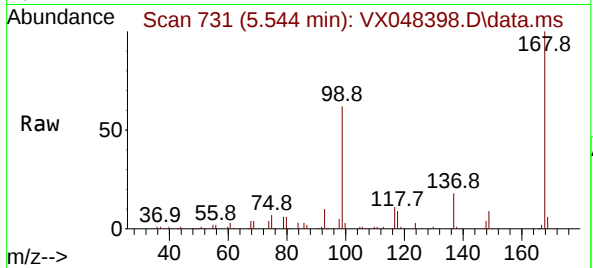




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048398.D
Acq: 28 Oct 2025 14:50

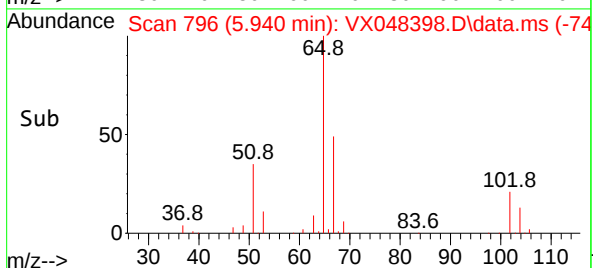
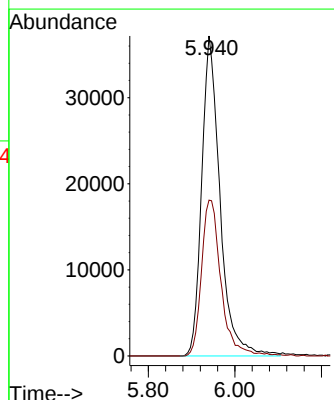
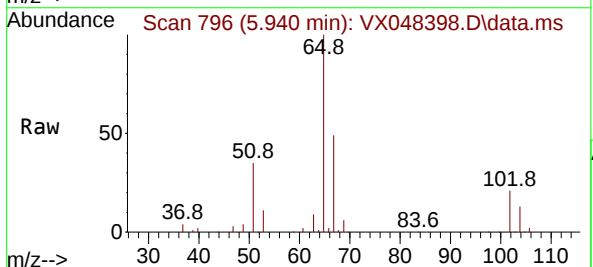
Instrument :
MSVOA_X
ClientSampleId :
COMP-4

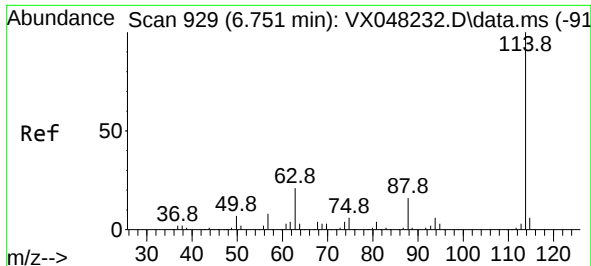
Tgt Ion:168 Resp: 120579
Ion Ratio Lower Upper
168 100
99 62.3 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 64.552 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048398.D
Acq: 28 Oct 2025 14:50

Tgt Ion: 65 Resp: 109132
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.0

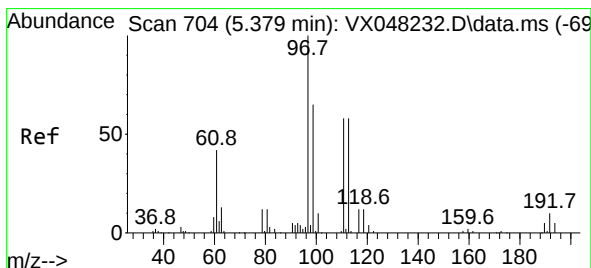
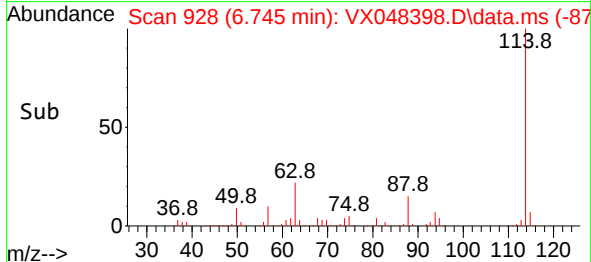
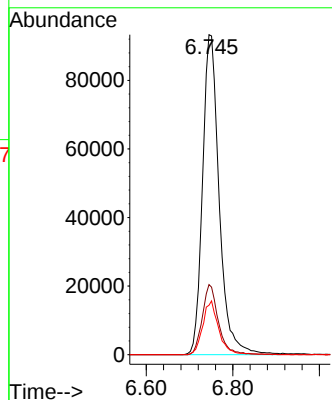
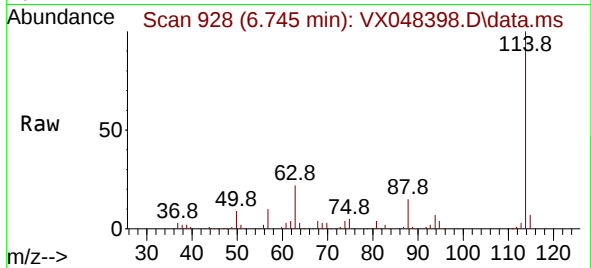




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048398.D
Acq: 28 Oct 2025 14:50

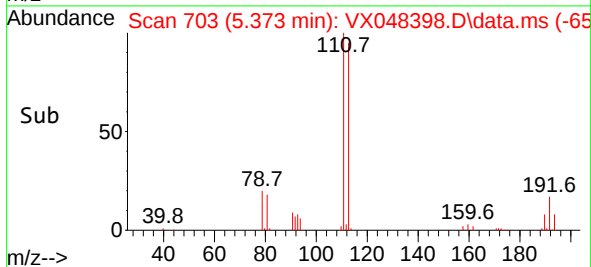
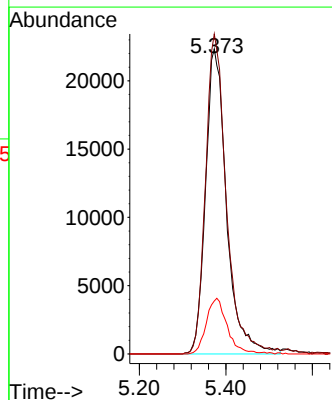
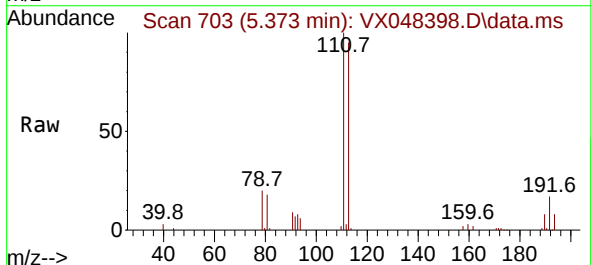
Instrument :
MSVOA_X
ClientSampleId :
COMP-4

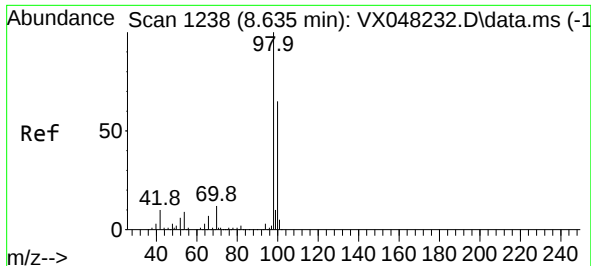
Tgt Ion:114 Resp: 249241
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.2
88 15.4 0.0 33.6



#35
Dibromofluoromethane
Concen: 44.251 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048398.D
Acq: 28 Oct 2025 14:50

Tgt Ion:113 Resp: 75295
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 18.3 15.1 22.7

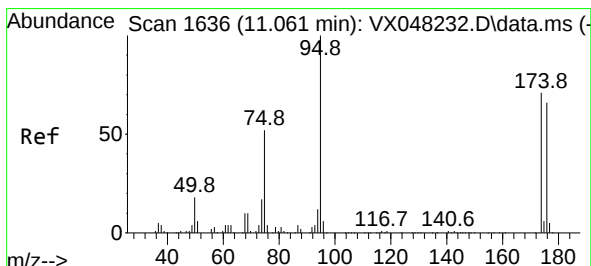
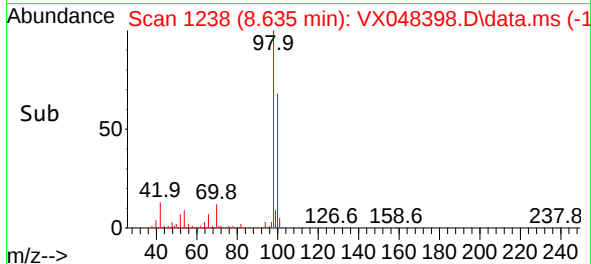
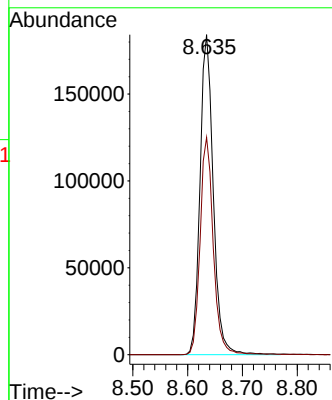
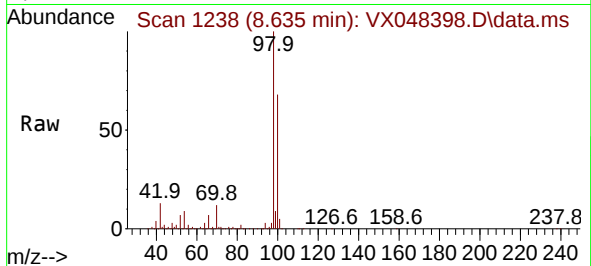




#50
Toluene-d8
Concen: 51.896 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048398.D
Acq: 28 Oct 2025 14:50

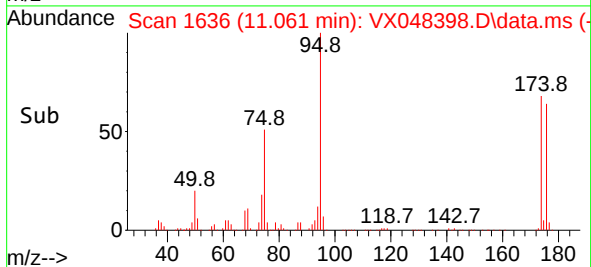
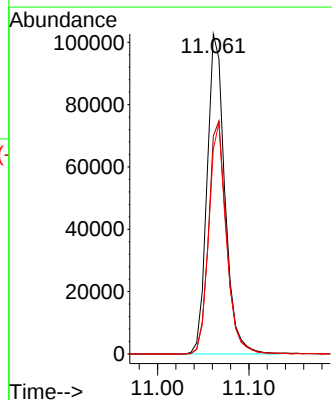
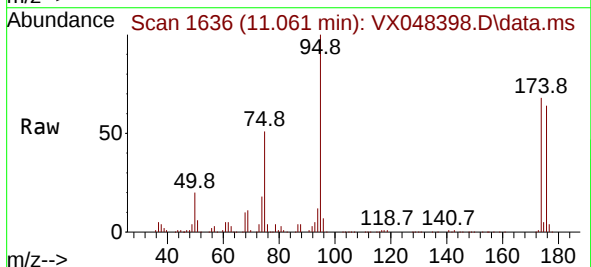
Instrument :
MSVOA_X
ClientSampleId :
COMP-4

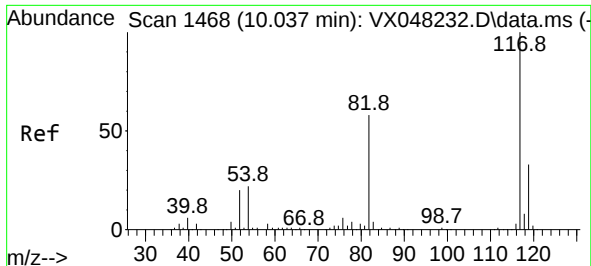
Tgt Ion: 98 Resp: 309517
Ion Ratio Lower Upper
98 100
100 67.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 61.067 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048398.D
Acq: 28 Oct 2025 14:50

Tgt Ion: 95 Resp: 138556
Ion Ratio Lower Upper
95 100
174 73.4 0.0 147.8
176 71.1 0.0 142.8

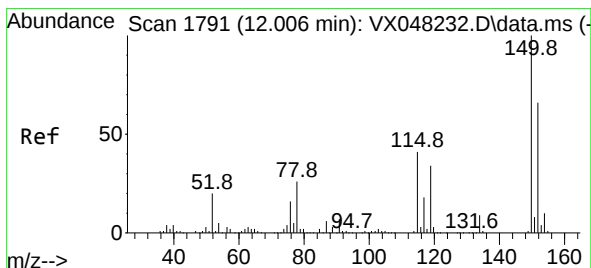
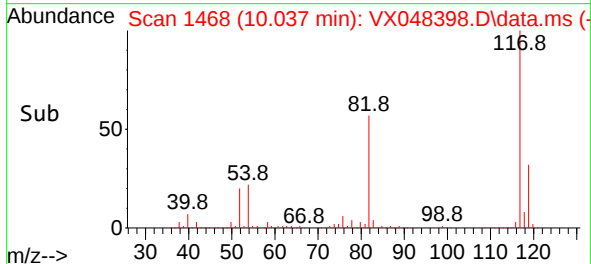
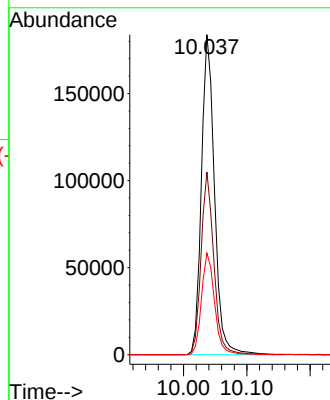
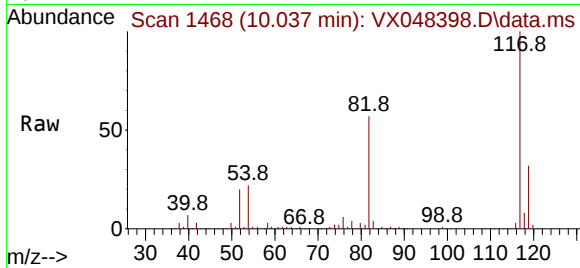




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048398.D
Acq: 28 Oct 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
COMP-4

Tgt Ion:117 Resp: 264809
Ion Ratio Lower Upper
117 100
82 57.1 46.5 69.7
119 31.7 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: VX048398.D
Acq: 28 Oct 2025 14:50

Tgt Ion:152 Resp: 138669
Ion Ratio Lower Upper
152 100
115 60.7 43.1 129.4
150 154.6 0.0 353.0

