

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102825\
 Data File : VX048399.D
 Acq On : 28 Oct 2025 15:11
 Operator : JC/MD
 Sample : Q3472-12 20X
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-5

Quant Time: Oct 29 01:21:05 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	119734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	238603	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	247209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130015	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	94227	56.129	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.260%
35) Dibromofluoromethane	5.373	113	69603	42.729	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.460%
50) Toluene-d8	8.634	98	291645	51.080	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.160%
62) 4-Bromofluorobenzene	11.061	95	129337	59.545	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.100%

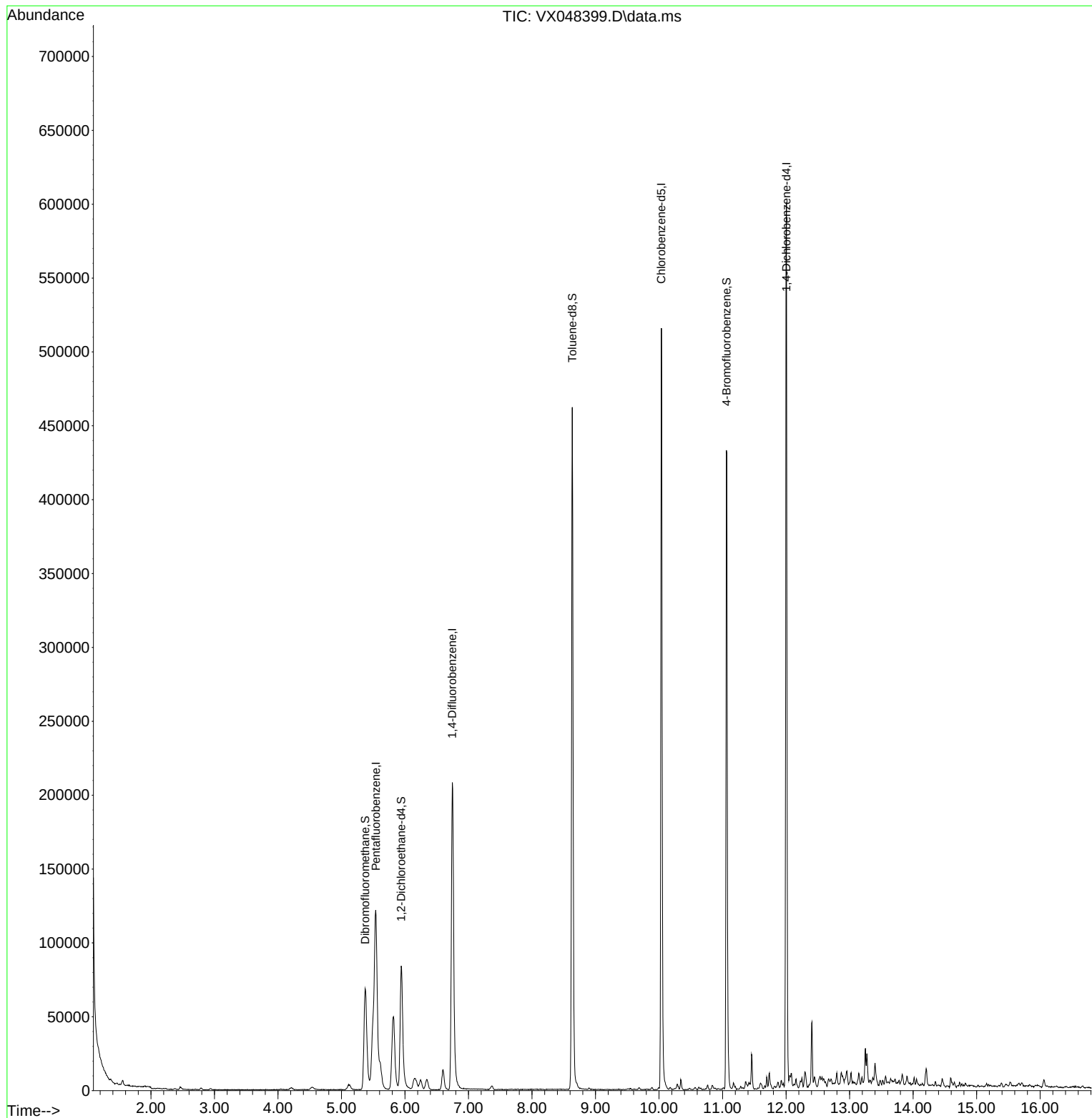
Target Compounds	Qvalue

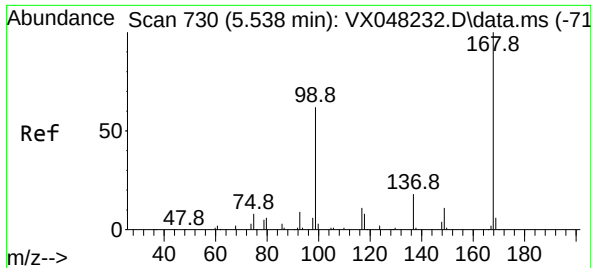
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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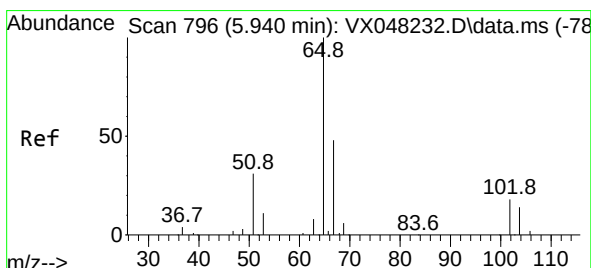
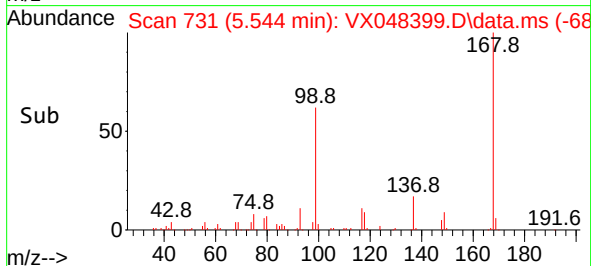
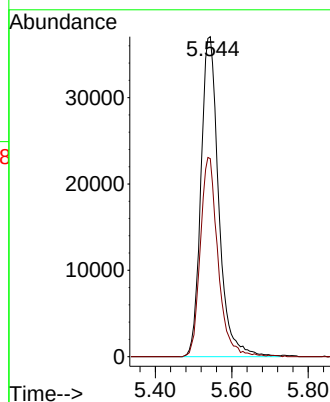
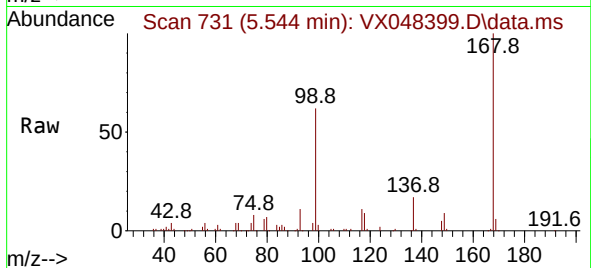




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048399.D
Acq: 28 Oct 2025 15:11

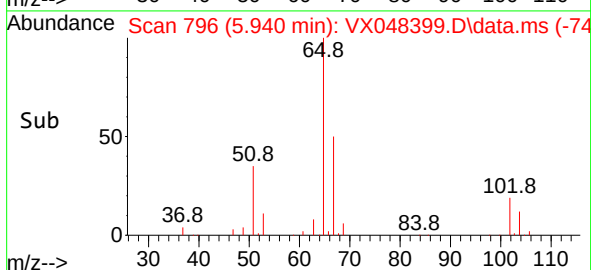
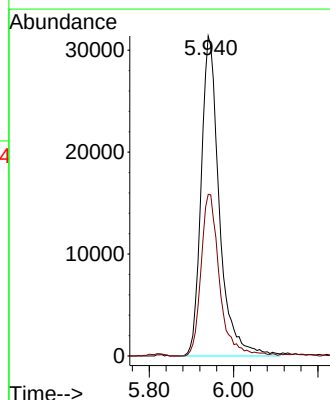
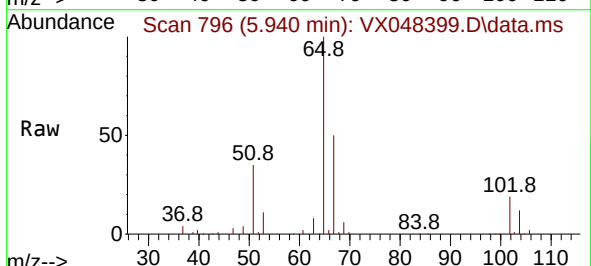
Instrument :
MSVOA_X
ClientSampleId :
COMP-5

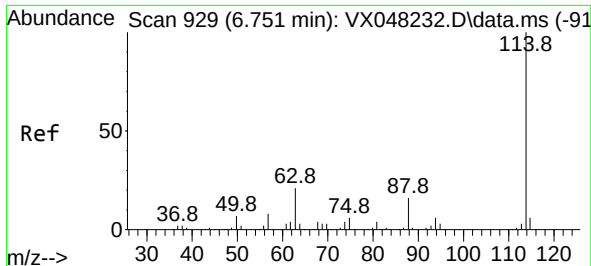
Tgt Ion:168 Resp: 119734
Ion Ratio Lower Upper
168 100
99 61.9 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 56.129 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048399.D
Acq: 28 Oct 2025 15:11

Tgt Ion: 65 Resp: 94227
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.0

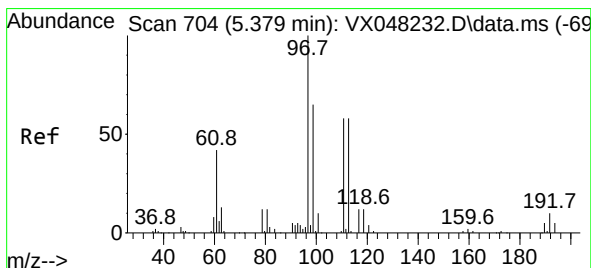
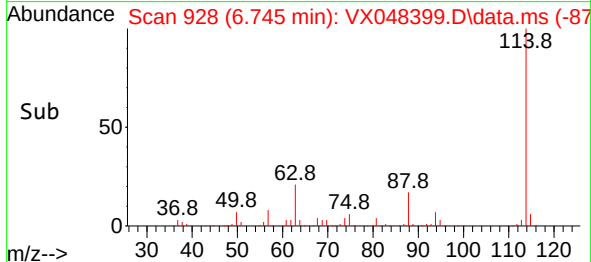
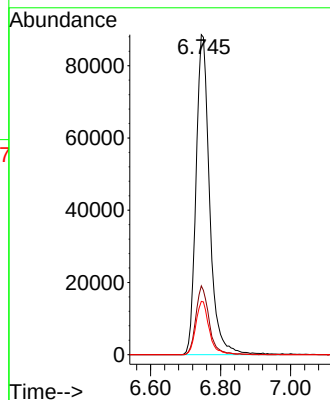
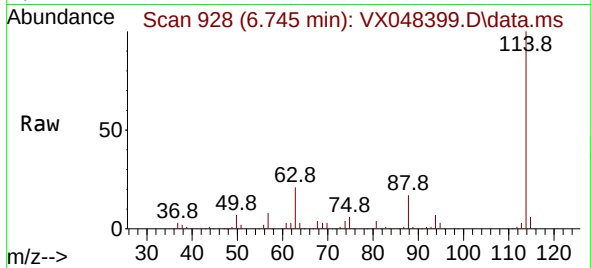




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048399.D
Acq: 28 Oct 2025 15:11

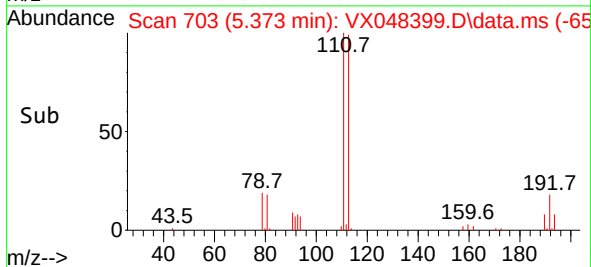
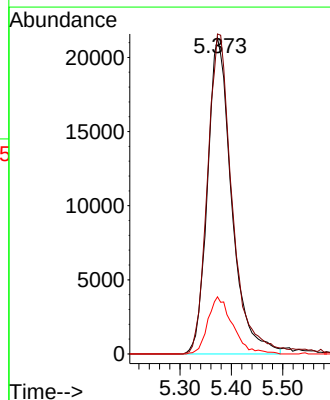
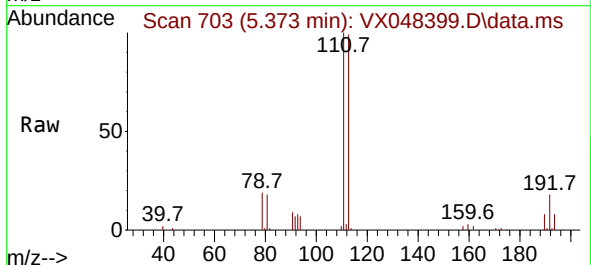
Instrument :
MSVOA_X
ClientSampleId :
COMP-5

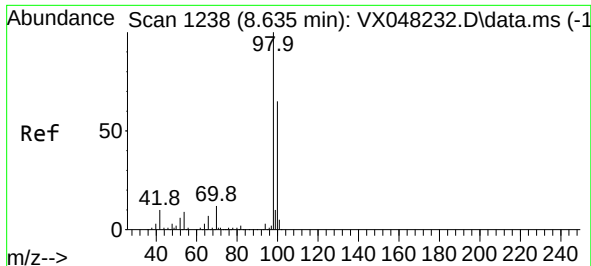
Tgt Ion:114 Resp: 238603
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 16.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 42.729 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048399.D
Acq: 28 Oct 2025 15:11

Tgt Ion:113 Resp: 69603
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 18.6 15.1 22.7

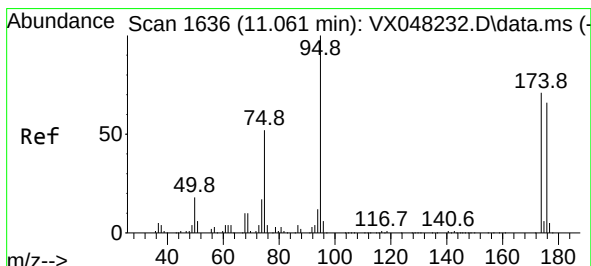
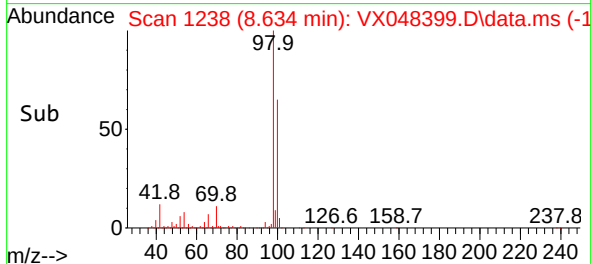
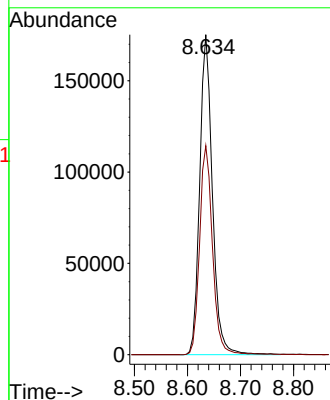
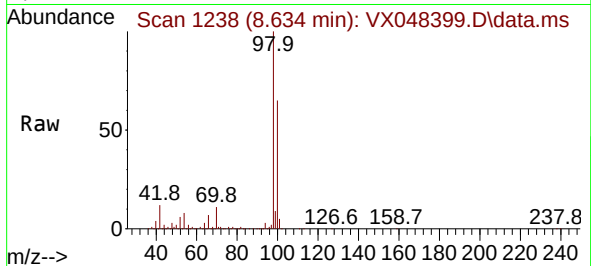




#50
Toluene-d8
Concen: 51.080 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048399.D
Acq: 28 Oct 2025 15:11

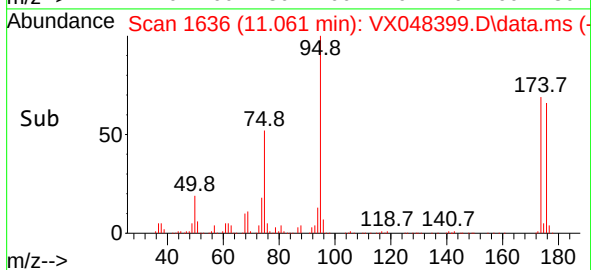
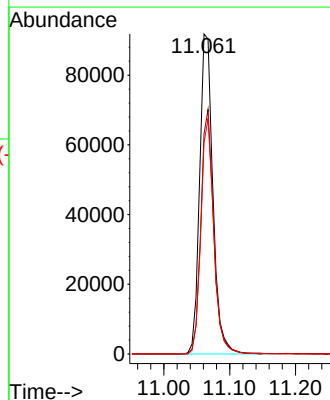
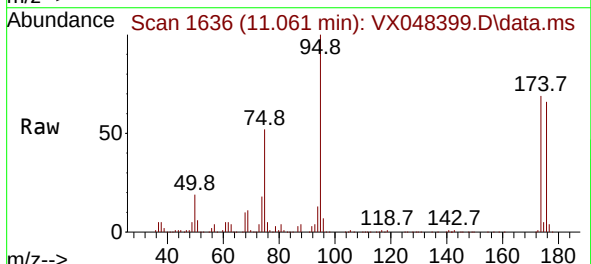
Instrument :
MSVOA_X
ClientSampleId :
COMP-5

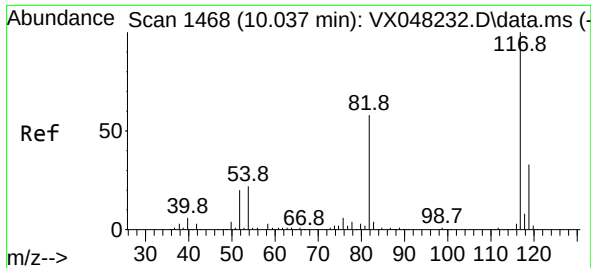
Tgt Ion: 98 Resp: 291645
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 59.545 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048399.D
Acq: 28 Oct 2025 15:11

Tgt Ion: 95 Resp: 129337
Ion Ratio Lower Upper
95 100
174 73.5 0.0 147.8
176 71.3 0.0 142.8

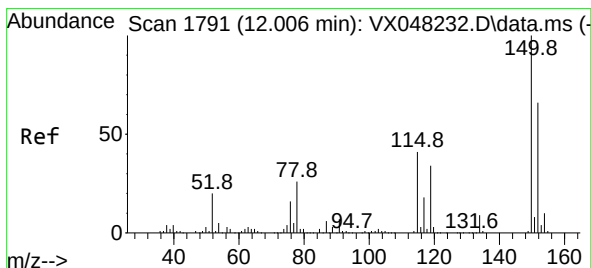
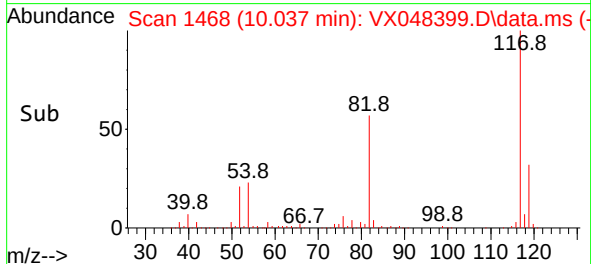
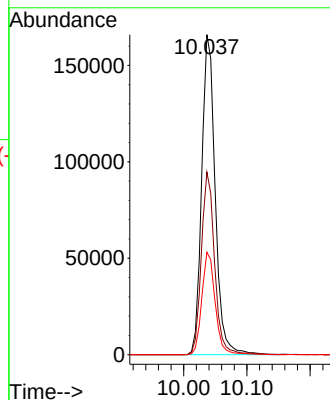
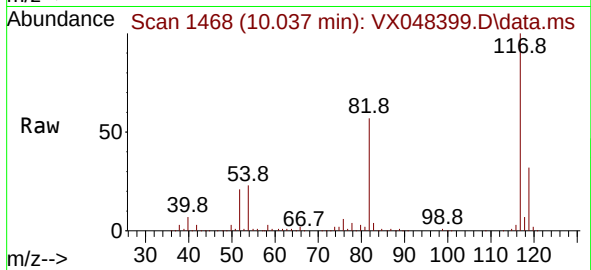




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048399.D
Acq: 28 Oct 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
COMP-5

Tgt Ion:117 Resp: 247209
Ion Ratio Lower Upper
117 100
82 57.1 46.5 69.7
119 32.0 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: VX048399.D
Acq: 28 Oct 2025 15:11

Tgt Ion:152 Resp: 130015
Ion Ratio Lower Upper
152 100
115 60.3 43.1 129.4
150 156.4 0.0 353.0

