

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102825\
 Data File : VX048396.D
 Acq On : 28 Oct 2025 14:09
 Operator : JC/MD
 Sample : Q3472-06 20X
 Misc : 2.17g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2

Quant Time: Oct 29 01:20:12 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	5.538	168	118728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	242873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	253038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131717	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	104858	62.991	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	125.980%#
35) Dibromofluoromethane	5.373	113	72485	43.716	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.440%
50) Toluene-d8	8.635	98	301509	51.879	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.760%
62) 4-Bromofluorobenzene	11.061	95	130604	59.071	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.140%

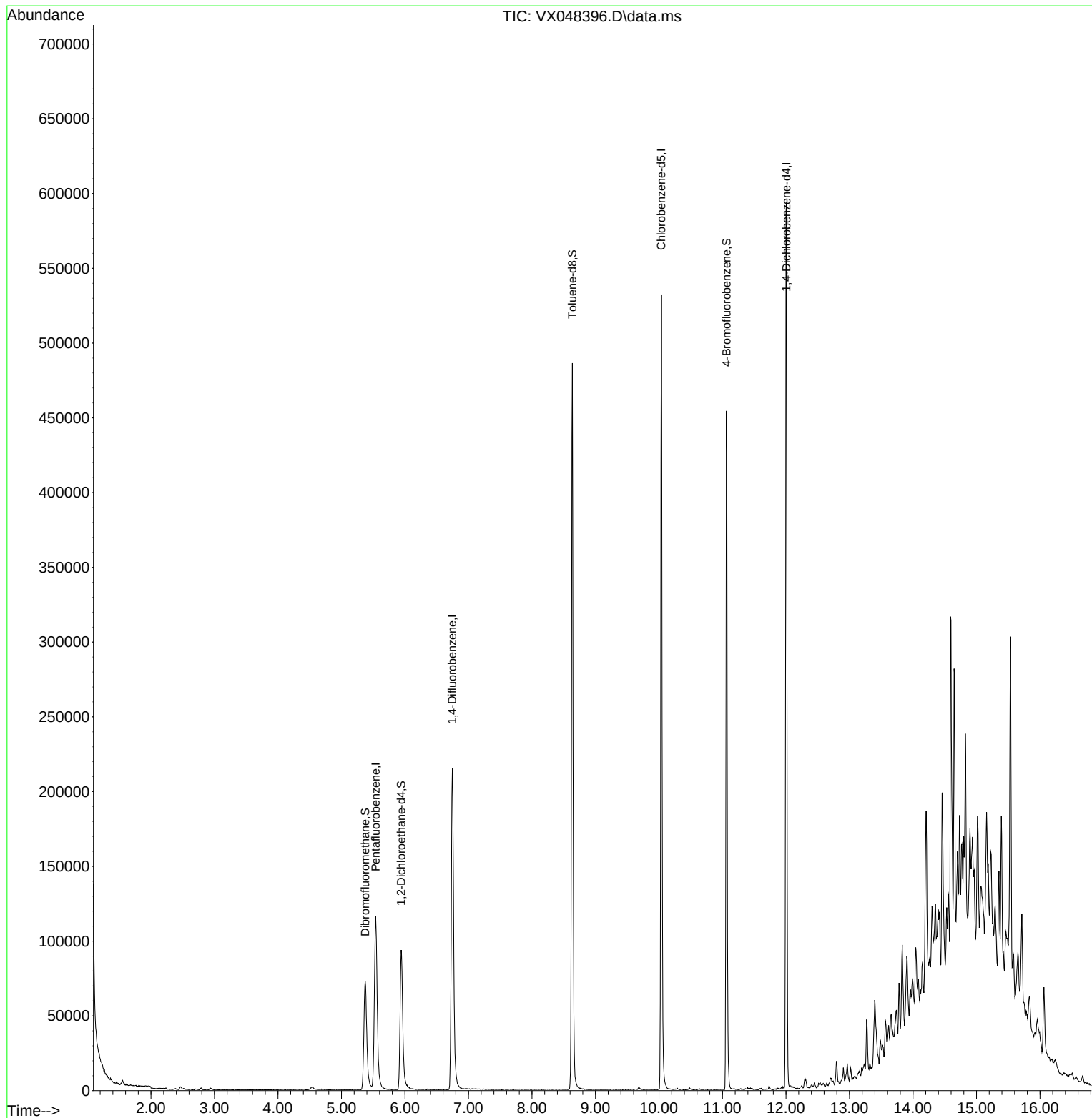
Target Compounds	Qvalue

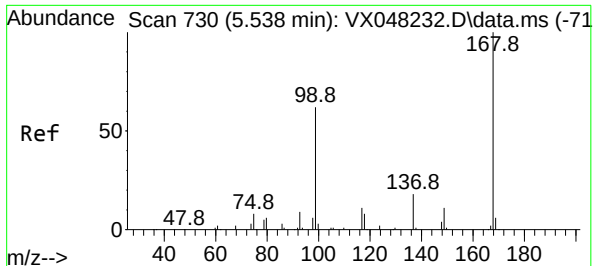
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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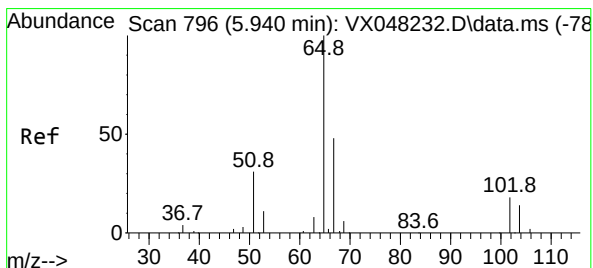
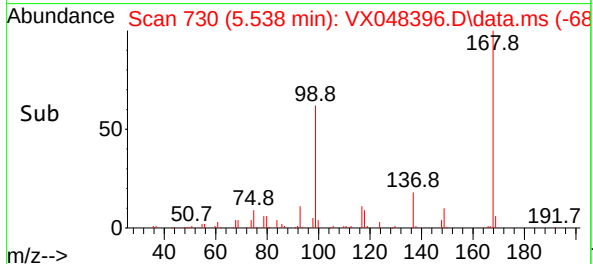
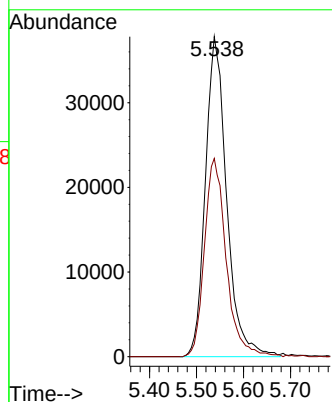
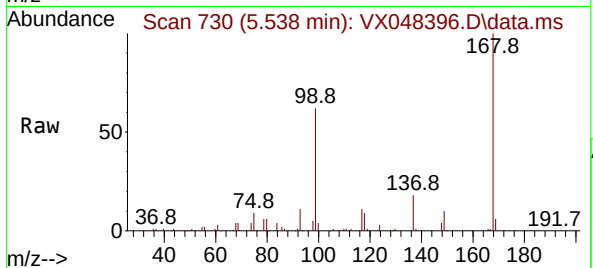




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

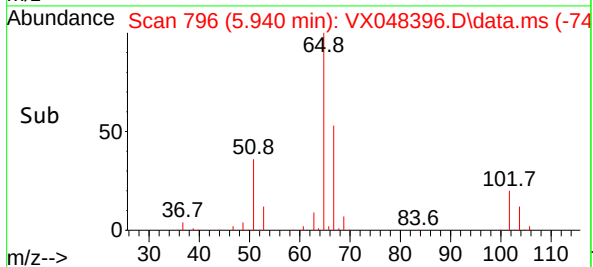
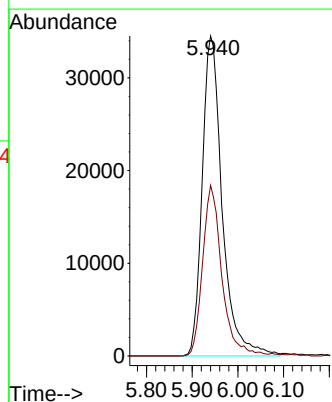
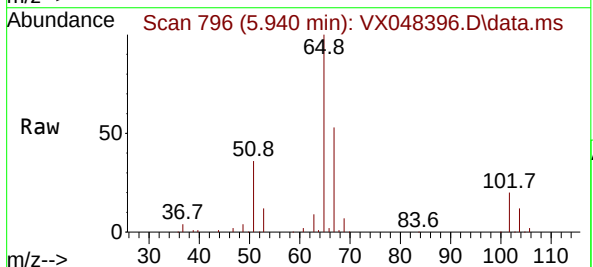
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

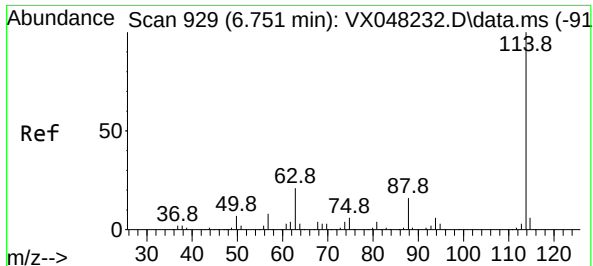
Tgt Ion:168 Resp: 118728
Ion Ratio Lower Upper
168 100
99 61.9 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 62.991 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

Tgt Ion: 65 Resp: 104858
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.0

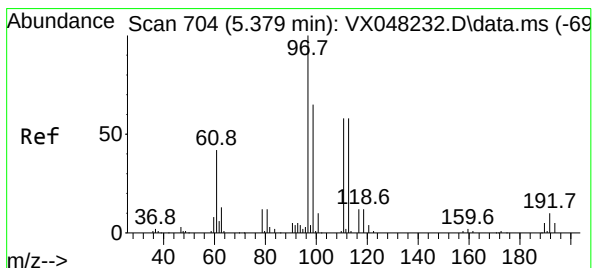
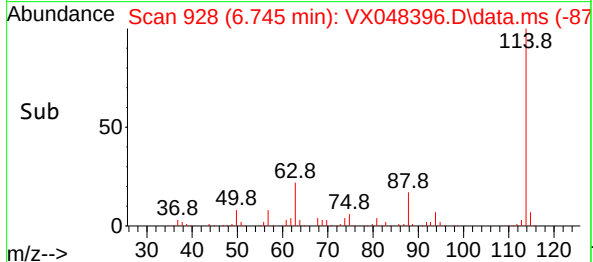
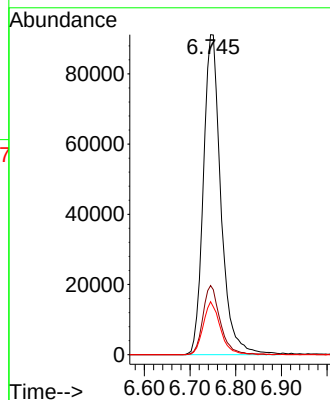
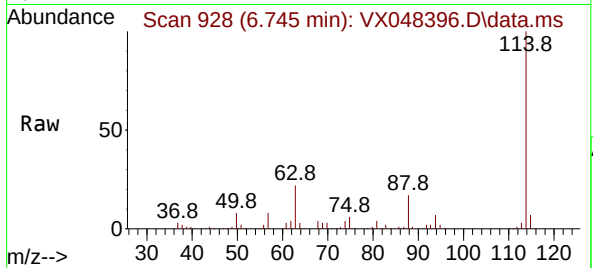




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

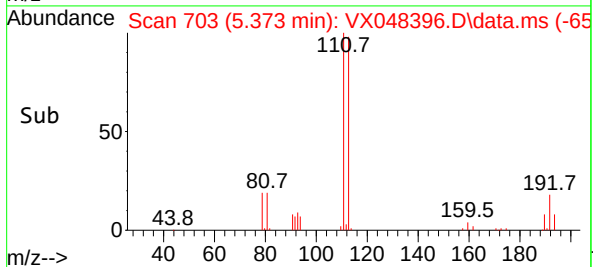
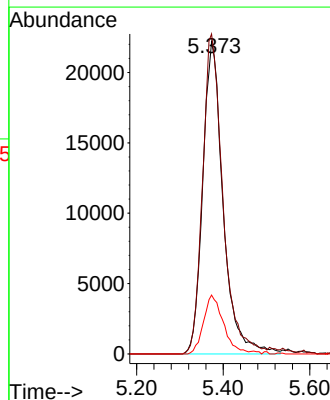
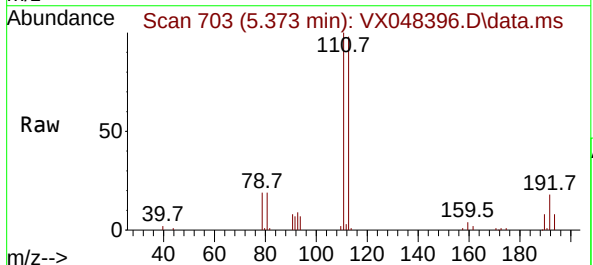
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

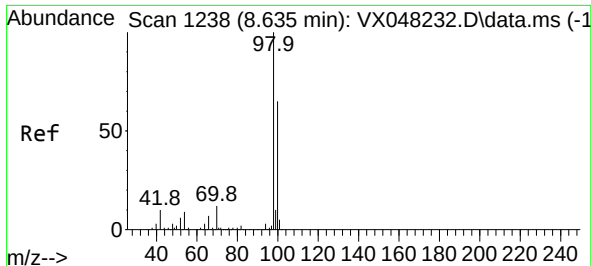
Tgt Ion:114 Resp: 242873
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.2
88 16.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 43.716 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

Tgt Ion:113 Resp: 72485
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 18.4 15.1 22.7

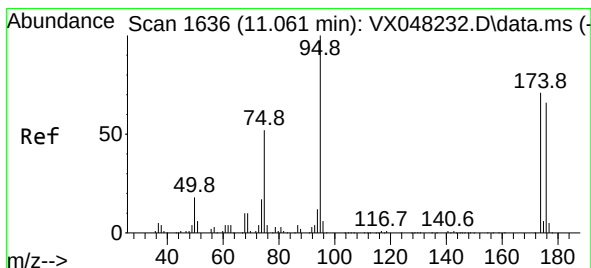
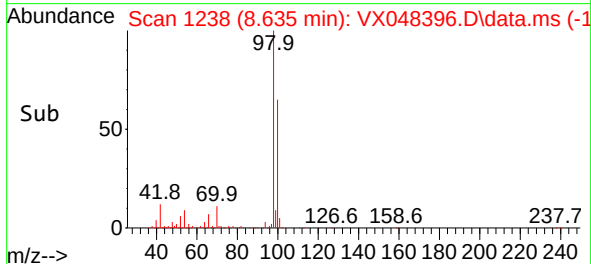
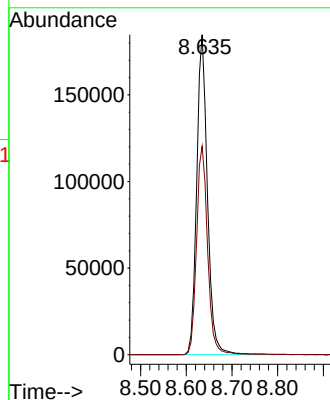
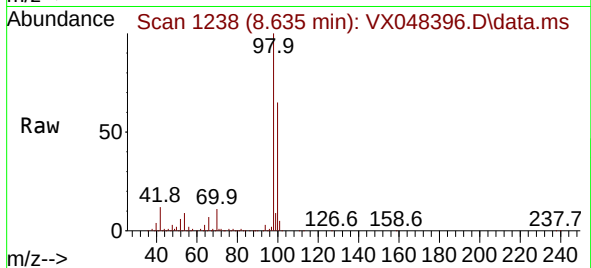




#50
Toluene-d8
Concen: 51.879 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

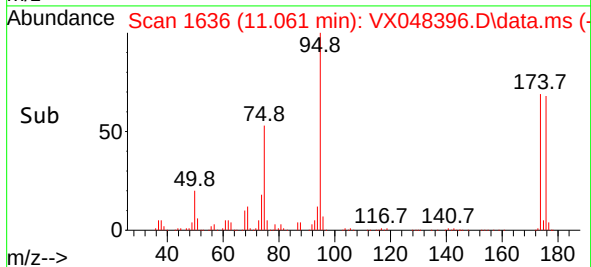
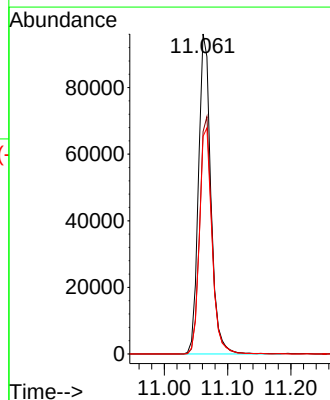
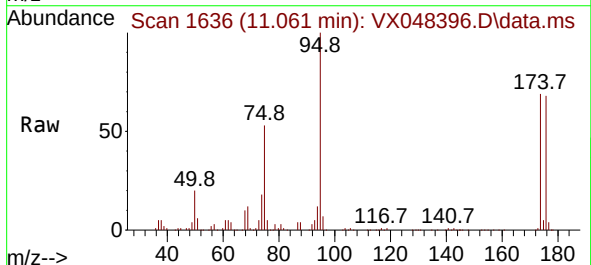
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

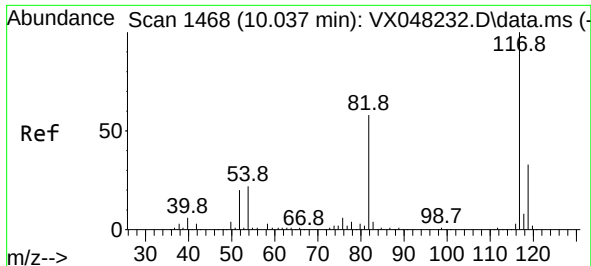
Tgt Ion: 98 Resp: 301509
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 59.071 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

Tgt Ion: 95 Resp: 130604
Ion Ratio Lower Upper
95 100
174 74.2 0.0 147.8
176 71.8 0.0 142.8

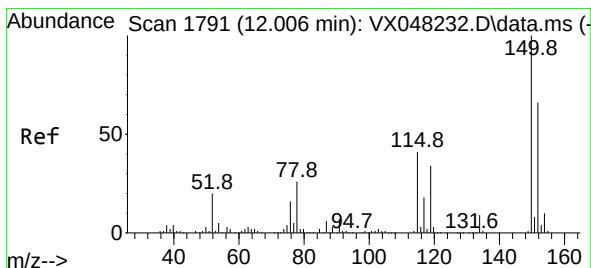
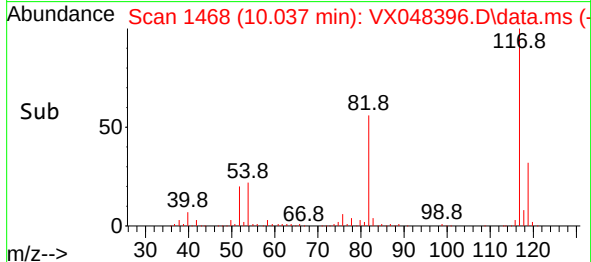
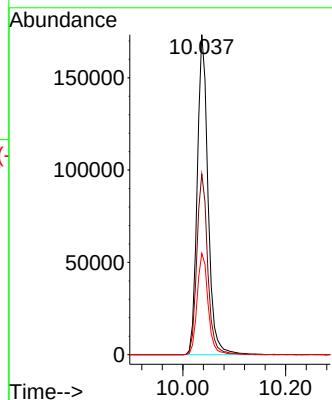
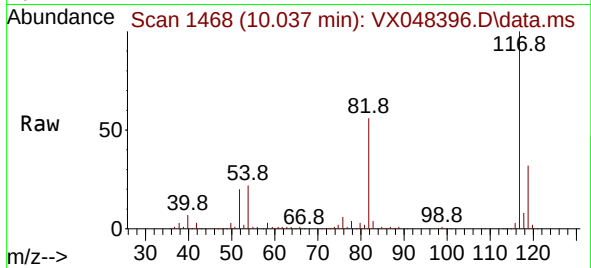




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
COMP-2

Tgt Ion:117 Resp: 253038
Ion Ratio Lower Upper
117 100
82 56.5 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: VX048396.D
Acq: 28 Oct 2025 14:09

Tgt Ion:152 Resp: 131717
Ion Ratio Lower Upper
152 100
115 61.8 43.1 129.4
150 157.0 0.0 353.0

