

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047504.D
 Acq On : 22 Aug 2025 17:27
 Operator : JC/MD
 Sample : Q2939-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Aug 25 01:31:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	198256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	407439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	411354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	212020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	167928	60.522	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	121.040%#
35) Dibromofluoromethane	5.397	113	135008	51.056	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.120%
50) Toluene-d8	8.653	98	459218	48.587	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.180%
62) 4-Bromofluorobenzene	11.079	95	194404	55.739	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.480%

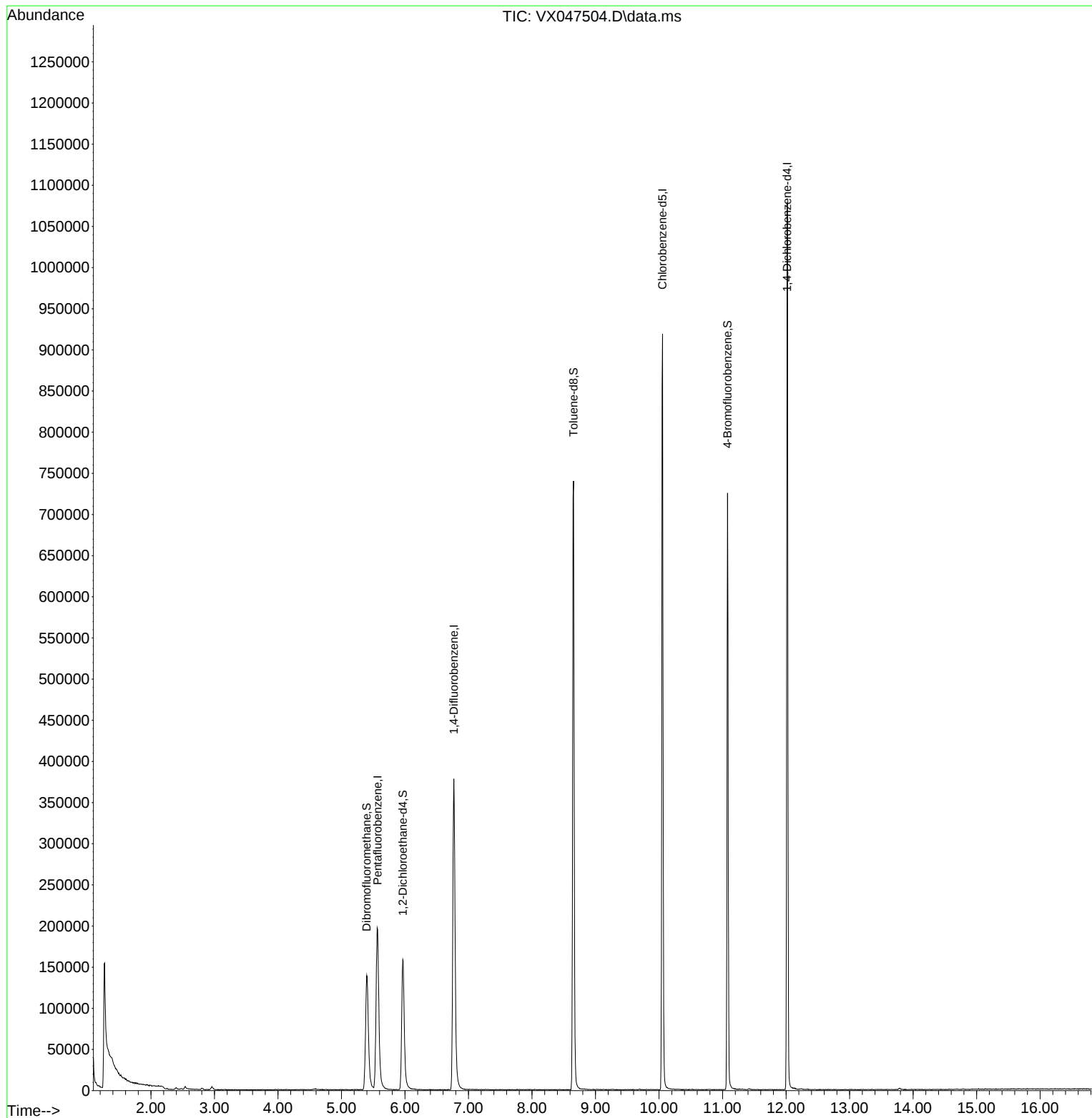
Target Compounds	Qvalue

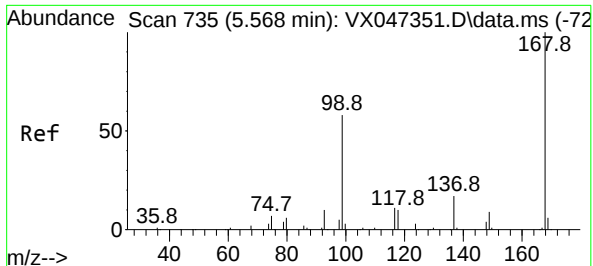
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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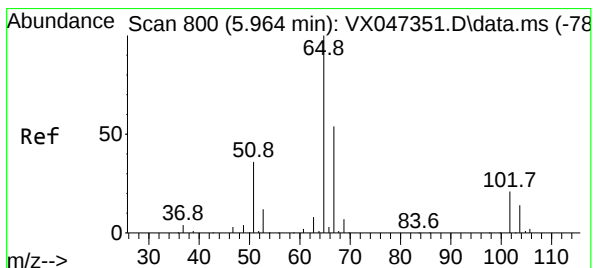
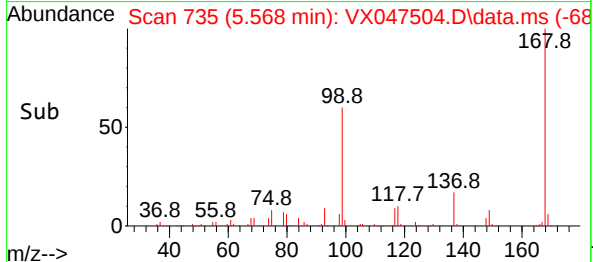
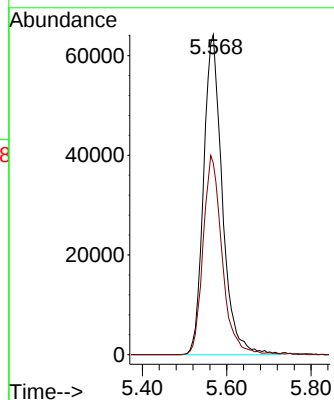
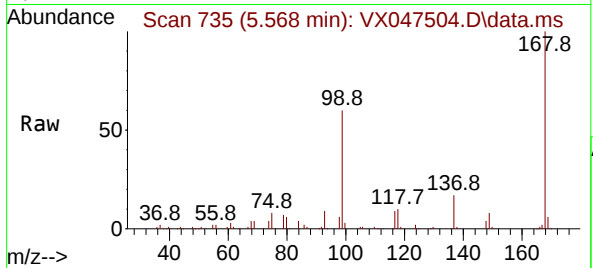




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047504.D
Acq: 22 Aug 2025 17:27

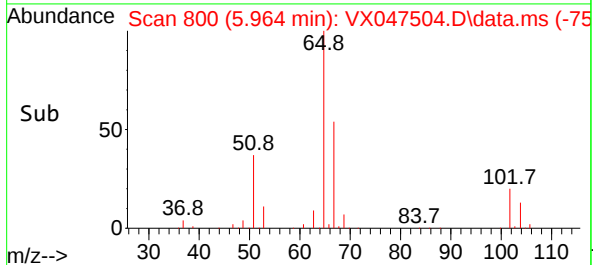
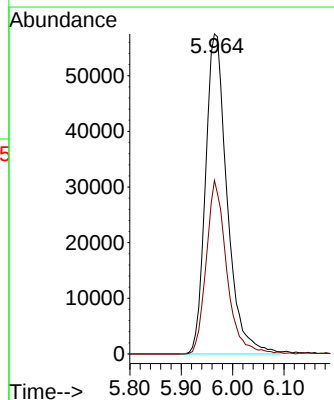
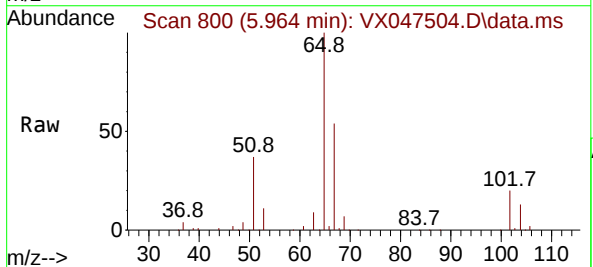
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

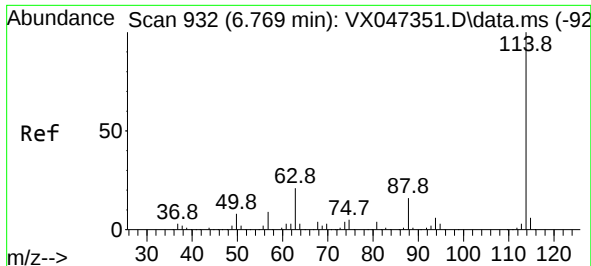
Tgt Ion:168 Resp: 198256
Ion Ratio Lower Upper
168 100
99 59.8 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 60.522 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047504.D
Acq: 22 Aug 2025 17:27

Tgt Ion: 65 Resp: 167928
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.0

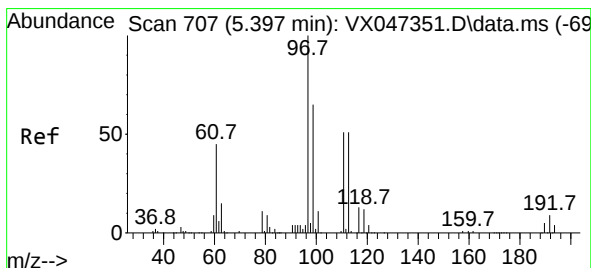
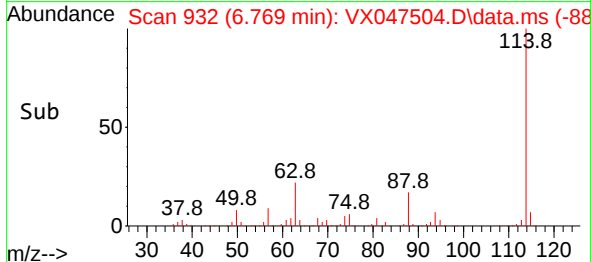
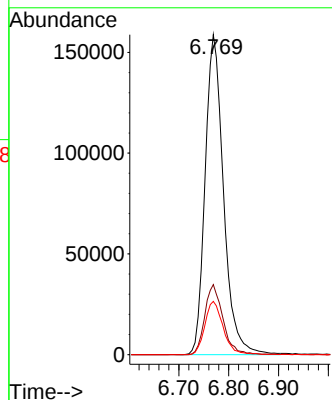
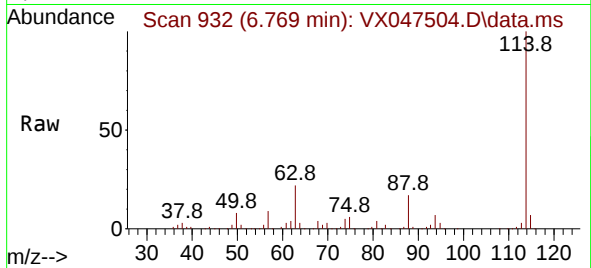




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047504.D
Acq: 22 Aug 2025 17:27

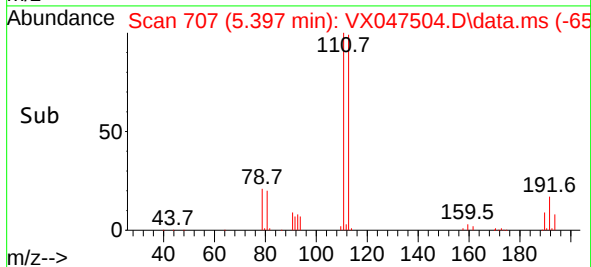
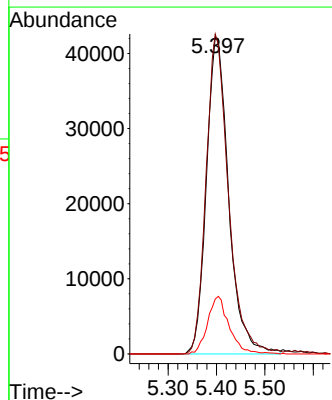
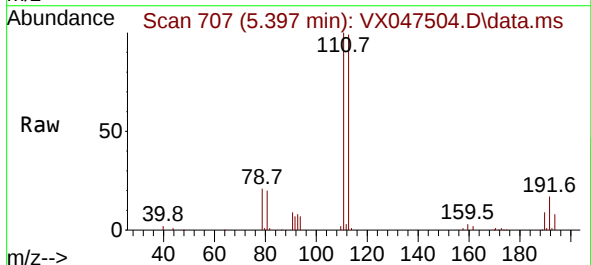
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

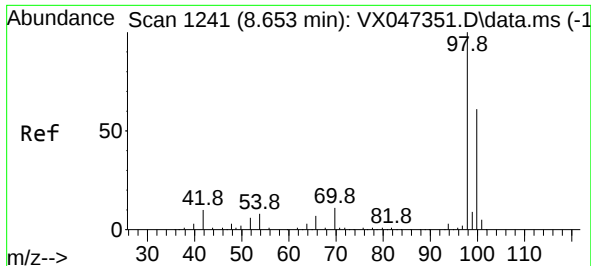
Tgt Ion:114 Resp: 407439
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.4
88 16.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.056 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047504.D
Acq: 22 Aug 2025 17:27

Tgt Ion:113 Resp: 135008
Ion Ratio Lower Upper
113 100
111 101.0 81.4 122.2
192 17.4 14.1 21.1

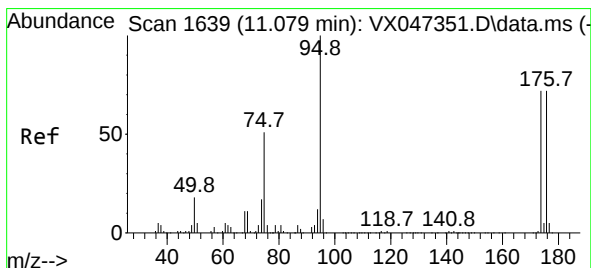
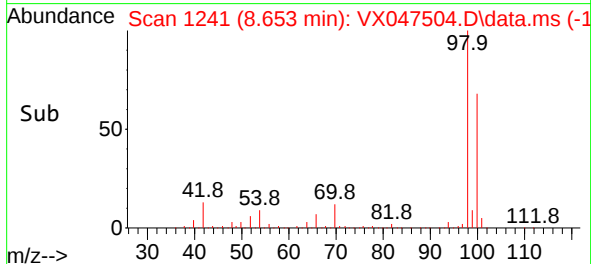
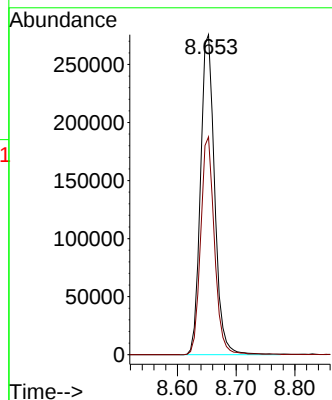
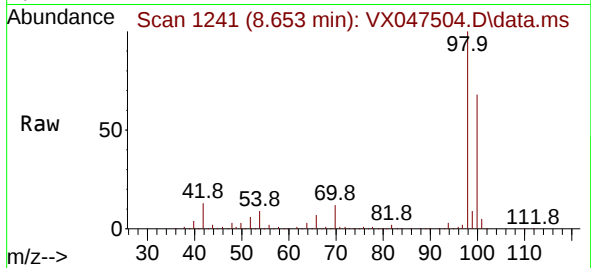




#50
Toluene-d8
Concen: 48.587 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047504.D
Acq: 22 Aug 2025 17:27

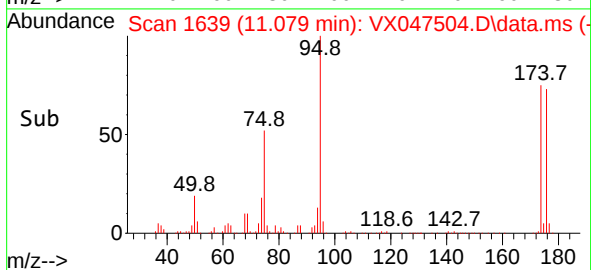
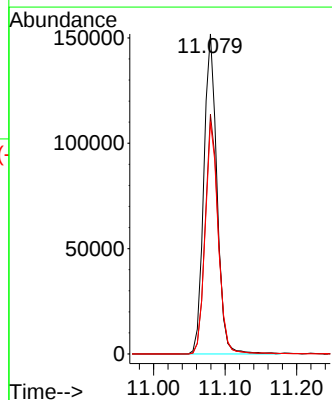
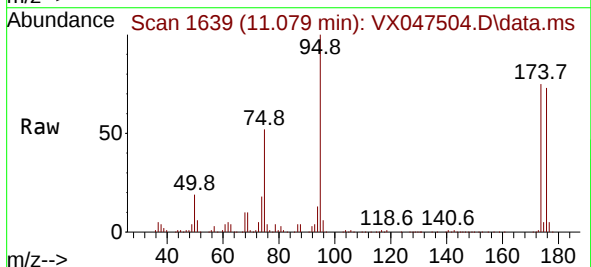
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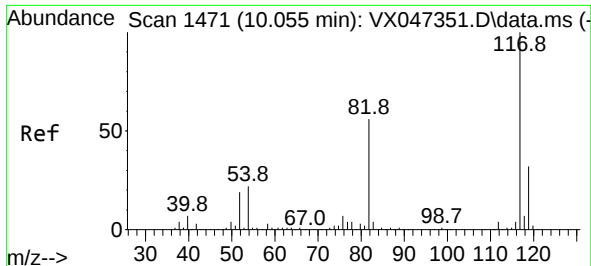
Tgt Ion: 98 Resp: 459218
Ion Ratio Lower Upper
98 100
100 66.4 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 55.739 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047504.D
Acq: 22 Aug 2025 17:27

Tgt Ion: 95 Resp: 194404
Ion Ratio Lower Upper
95 100
174 73.2 0.0 148.0
176 72.1 0.0 145.4

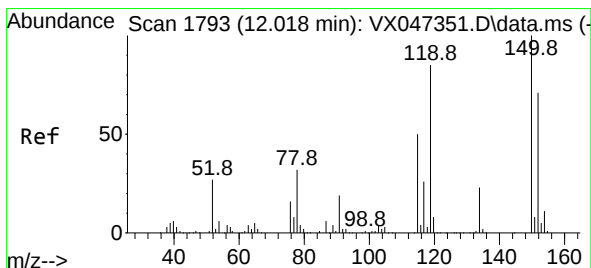
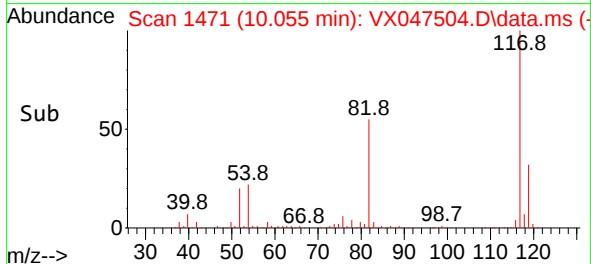
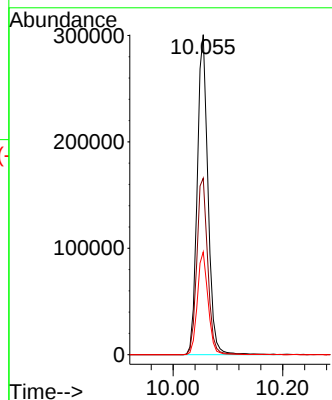
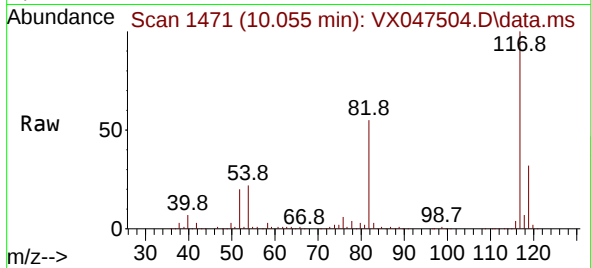




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047504.D
Acq: 22 Aug 2025 17:27

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 411354
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047504.D
Acq: 22 Aug 2025 17:27

Tgt Ion:152 Resp: 212020
Ion Ratio Lower Upper
152 100
115 62.4 44.6 133.8
150 159.7 0.0 349.8

