

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
 Data File : VX047566.D
 Acq On : 29 Aug 2025 13:24
 Operator : JC/MD
 Sample : Q2987-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 29 23:54:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	194659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	390750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	200391	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	162922	54.502	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.000%
35) Dibromofluoromethane	5.398	113	134869	50.289	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.580%
50) Toluene-d8	8.653	98	483022	51.383	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.760%
62) 4-Bromofluorobenzene	11.079	95	202701	57.398	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.800%

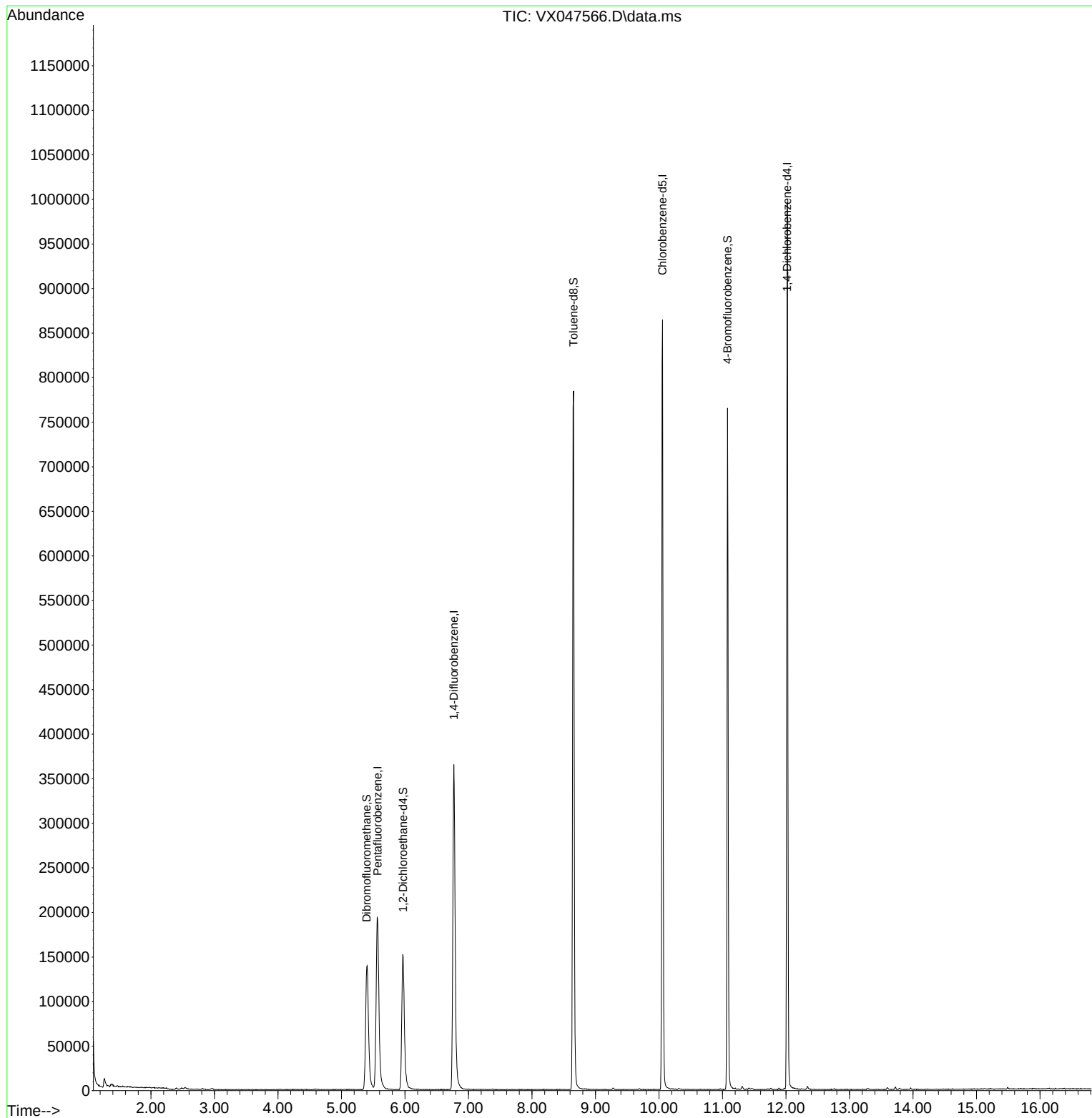
Target Compounds	Qvalue

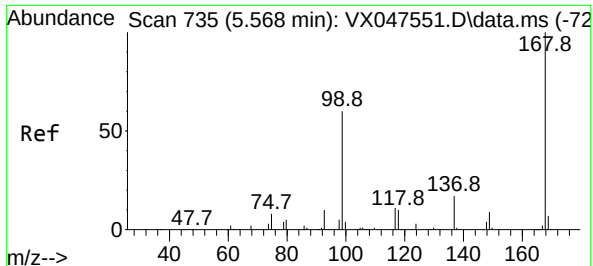
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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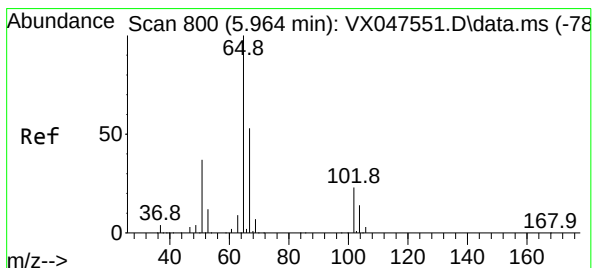
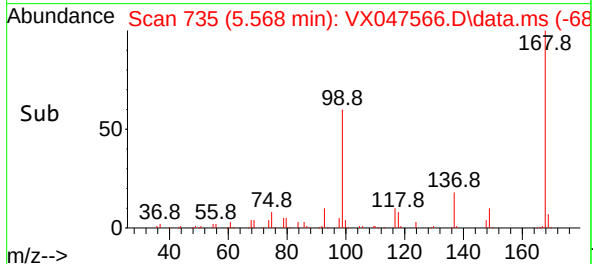
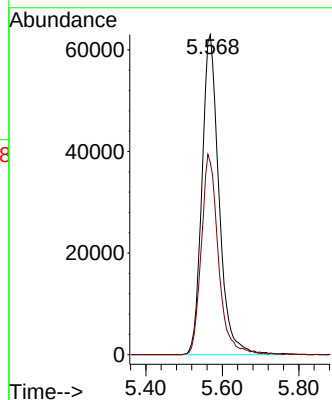
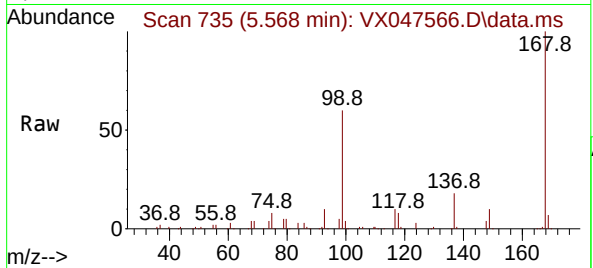




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047566.D
Acq: 29 Aug 2025 13:24

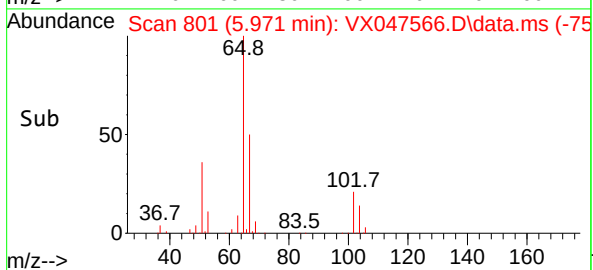
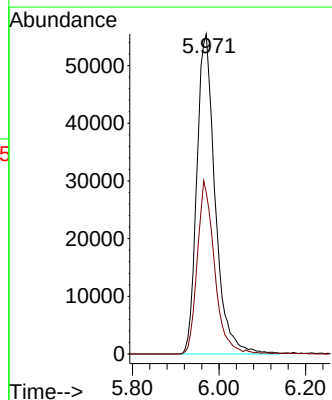
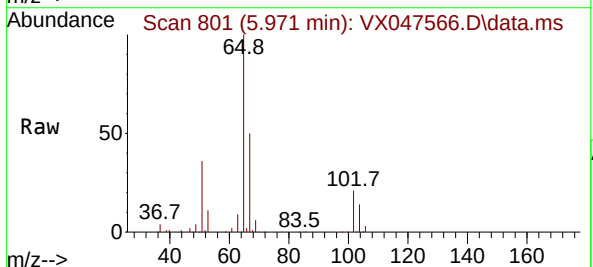
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

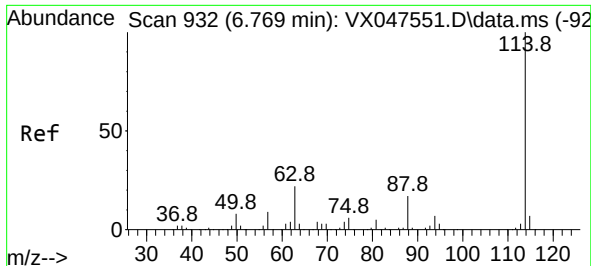
Tgt Ion:168 Resp: 194659
Ion Ratio Lower Upper
168 100
99 60.1 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 54.502 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047566.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 65 Resp: 162922
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.8

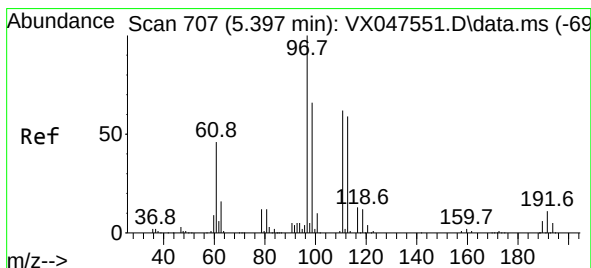
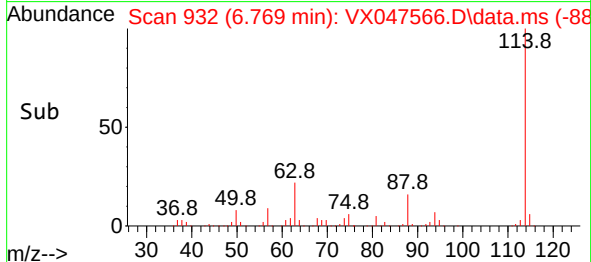
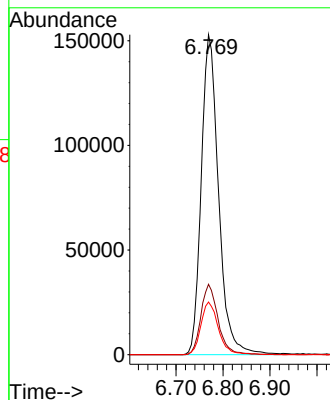
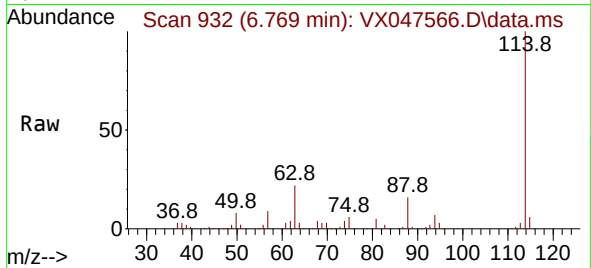




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047566.D
Acq: 29 Aug 2025 13:24

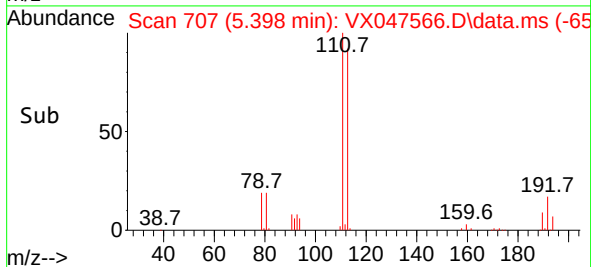
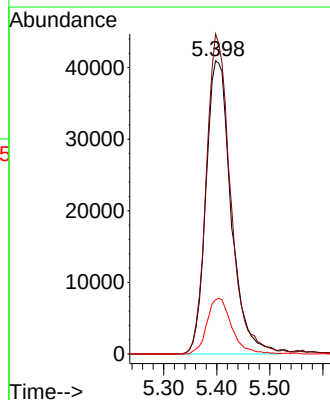
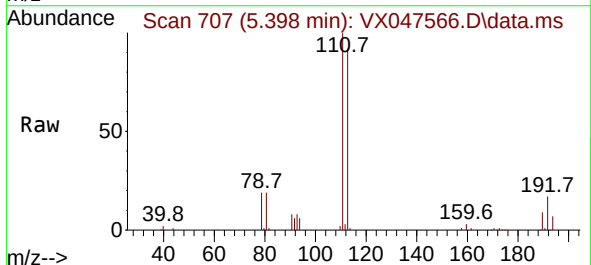
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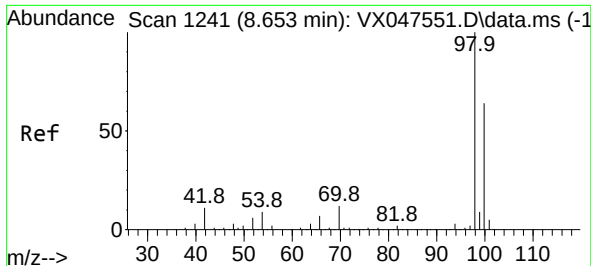
Tgt Ion:114 Resp: 390750
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.6
88 16.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.289 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047566.D
Acq: 29 Aug 2025 13:24

Tgt Ion:113 Resp: 134869
Ion Ratio Lower Upper
113 100
111 105.5 81.2 121.8
192 18.6 14.2 21.4

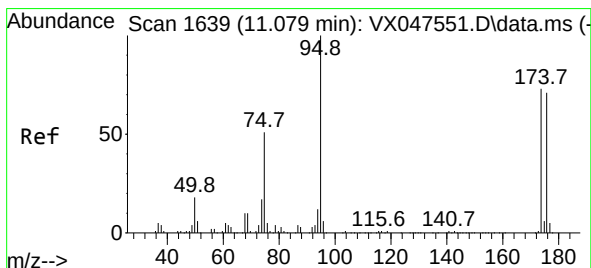
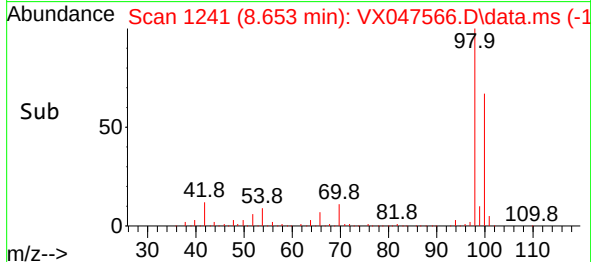
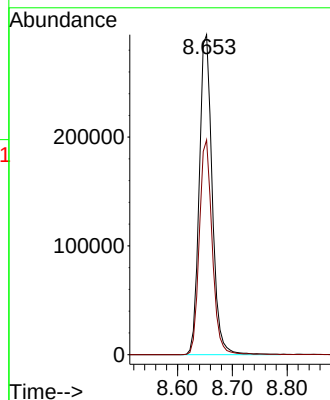
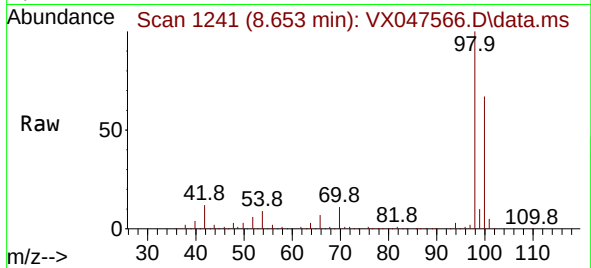




#50
Toluene-d8
Concen: 51.383 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047566.D
Acq: 29 Aug 2025 13:24

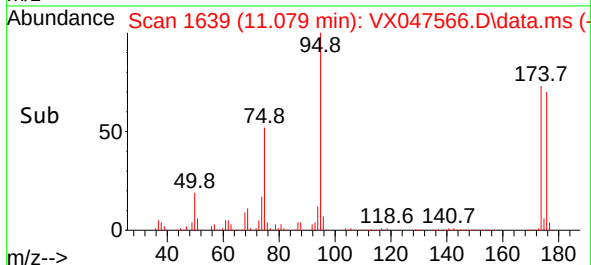
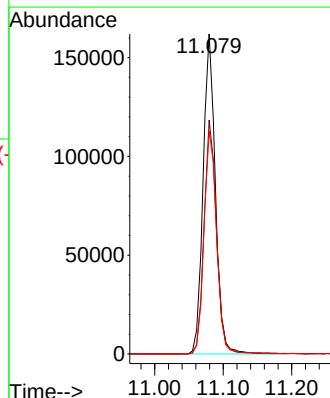
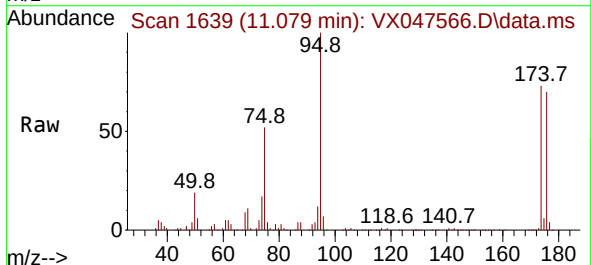
Instrument :
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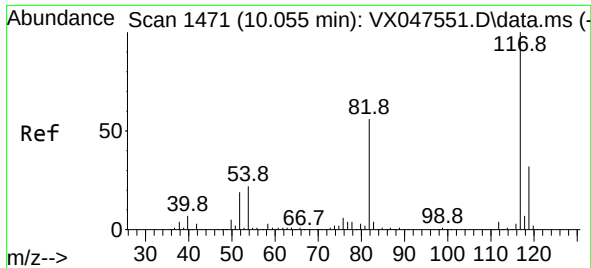
Tgt Ion: 98 Resp: 483022
Ion Ratio Lower Upper
98 100
100 66.7 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 57.398 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047566.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 95 Resp: 202701
Ion Ratio Lower Upper
95 100
174 73.8 0.0 145.2
176 71.2 0.0 140.4

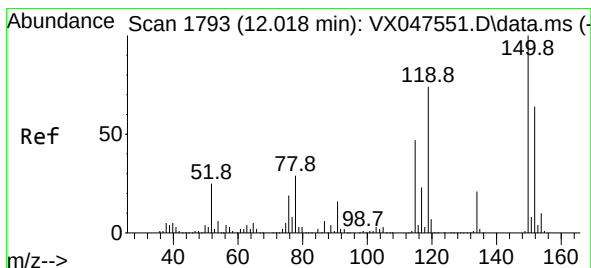
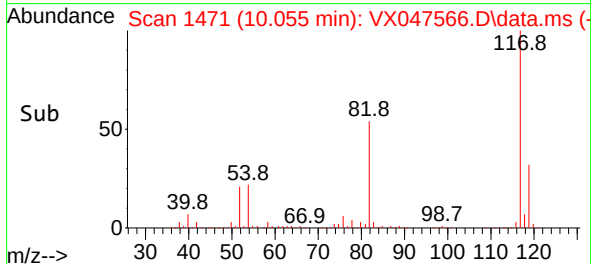
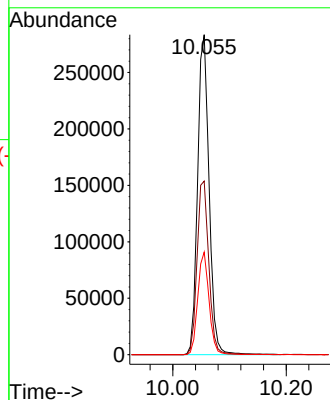
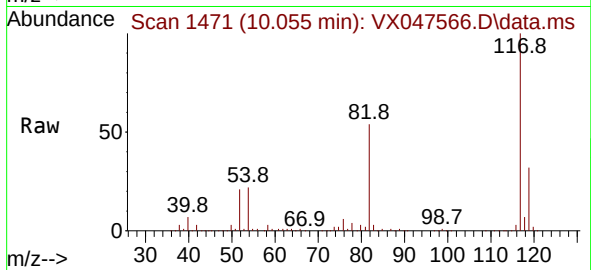




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047566.D
Acq: 29 Aug 2025 13:24

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

Tgt Ion:117 Resp: 397369
Ion Ratio Lower Upper
117 100
82 54.2 44.6 66.8
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047566.D
Acq: 29 Aug 2025 13:24

Tgt Ion:152 Resp: 200391
Ion Ratio Lower Upper
152 100
115 61.0 42.9 128.5
150 154.9 0.0 351.0

