

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
 Data File : VX047050.D
 Acq On : 18 Jul 2025 15:21
 Operator : JC/MD
 Sample : Q2637-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Jul 19 04:25:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	449004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	797488	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	745002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	366135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	316374	53.335	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.680%
35) Dibromofluoromethane	5.397	113	261781	48.358	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.720%
50) Toluene-d8	8.653	98	962920	50.416	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.840%
62) 4-Bromofluorobenzene	11.079	95	385387	53.092	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.180%

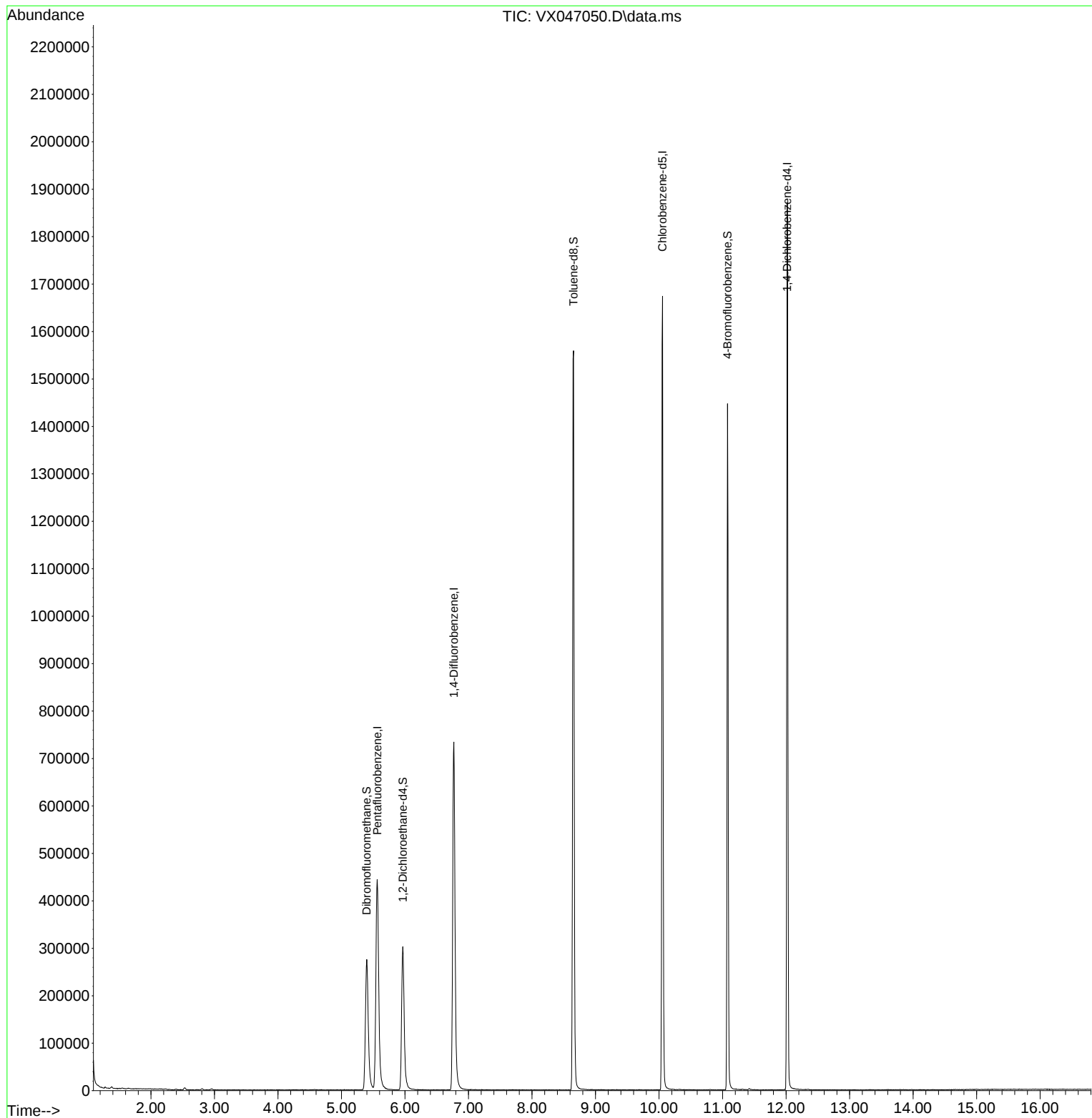
Target Compounds	Qvalue

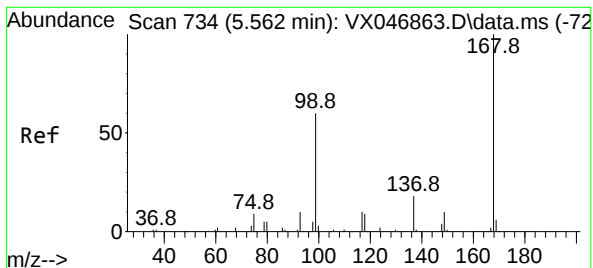
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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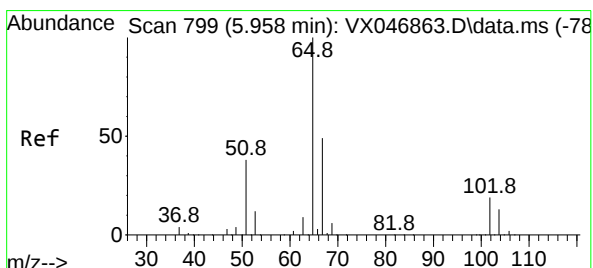
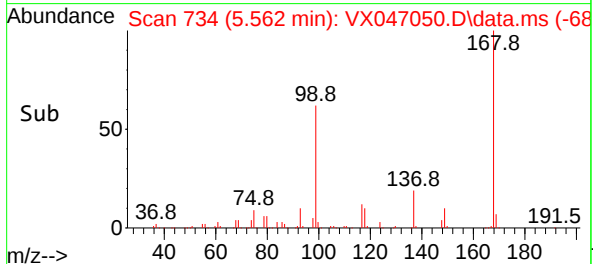
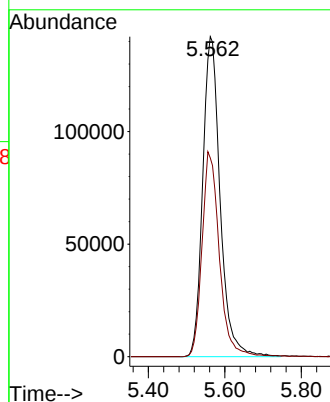
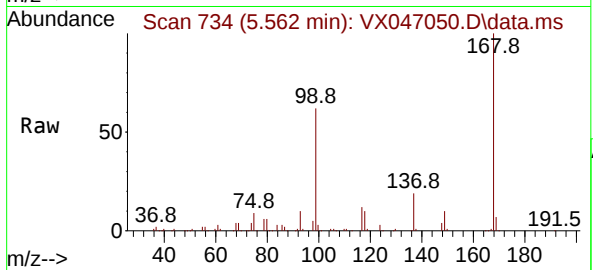




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

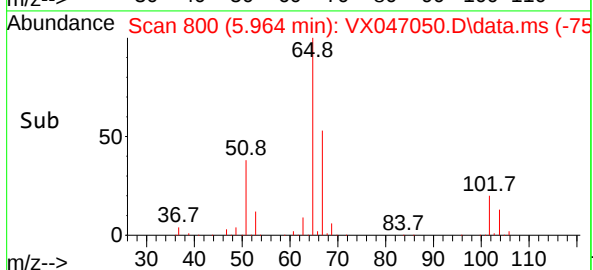
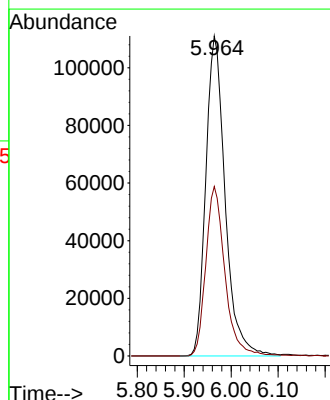
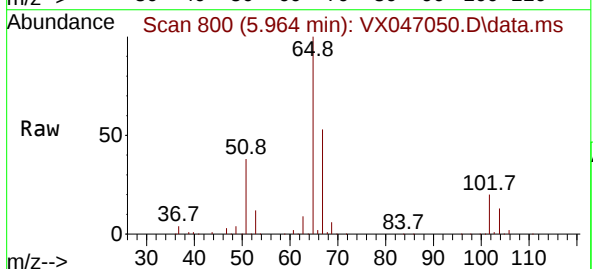
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

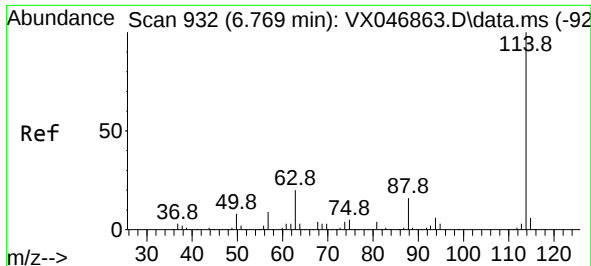
Tgt Ion:168 Resp: 449004
Ion Ratio Lower Upper
168 100
99 62.1 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 53.335 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

Tgt Ion: 65 Resp: 316374
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.2

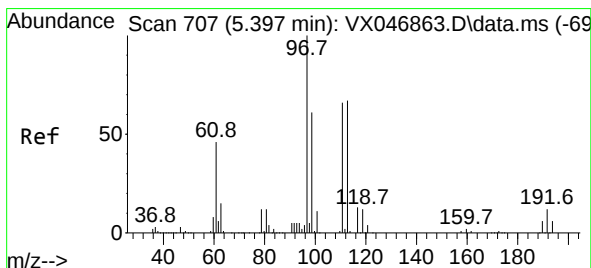
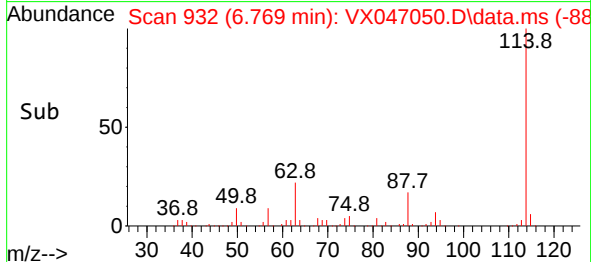
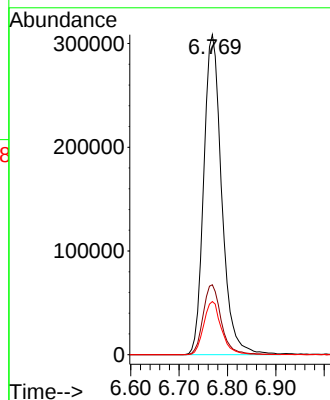
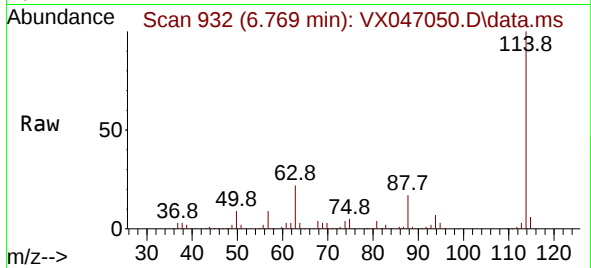




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

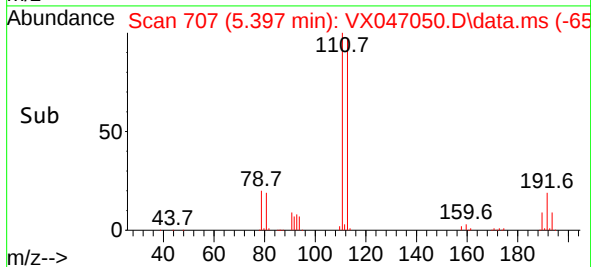
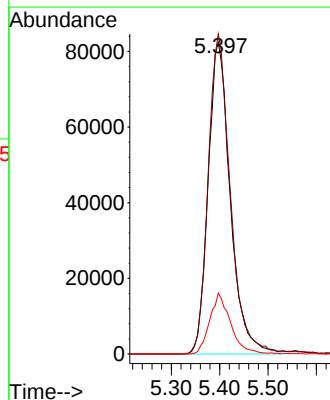
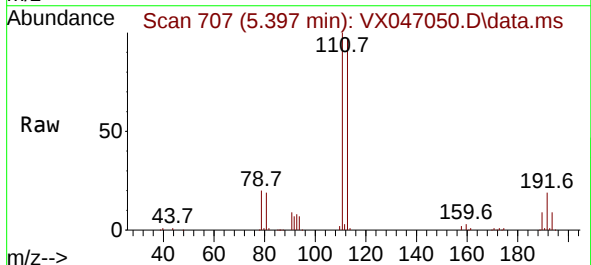
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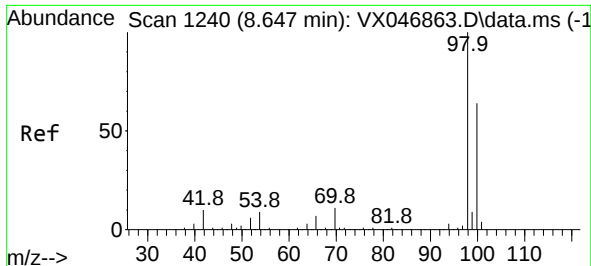
Tgt Ion:114 Resp: 797488
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.4
88 16.6 0.0 31.0



#35
Dibromofluoromethane
Concen: 48.358 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

Tgt Ion:113 Resp: 261781
Ion Ratio Lower Upper
113 100
111 102.8 81.2 121.8
192 18.4 15.3 22.9

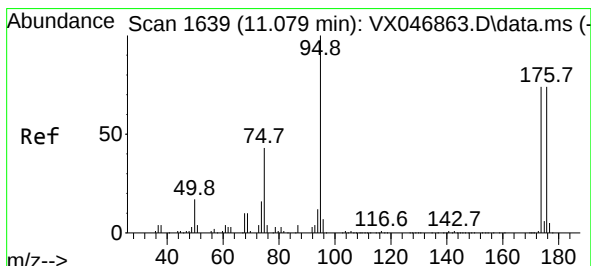
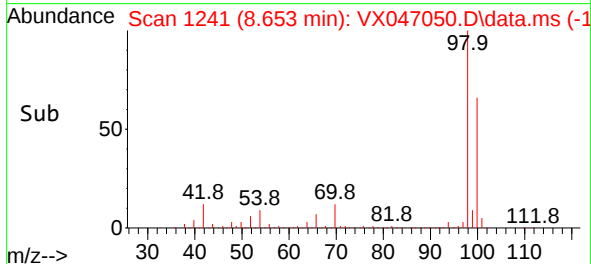
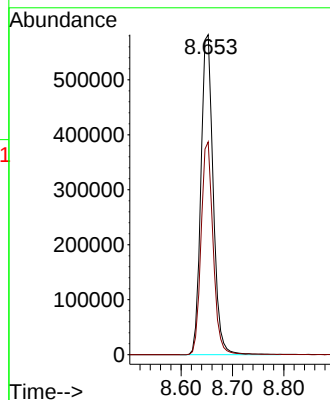
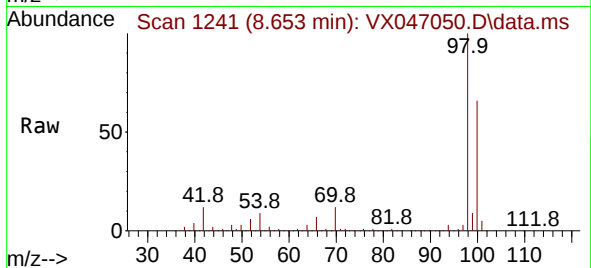




#50
Toluene-d8
Concen: 50.416 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

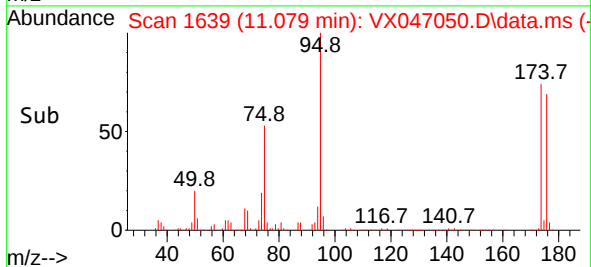
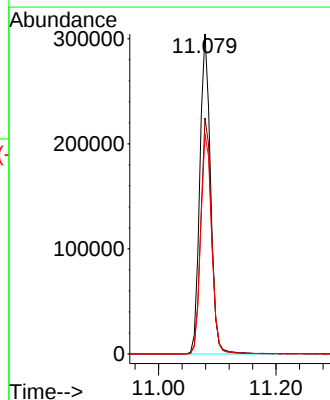
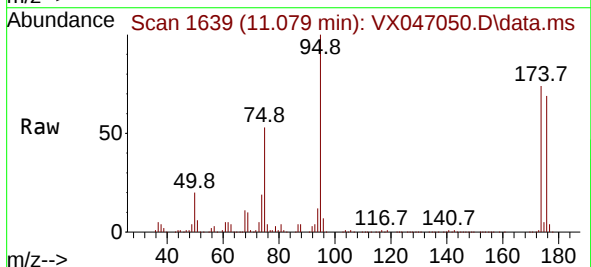
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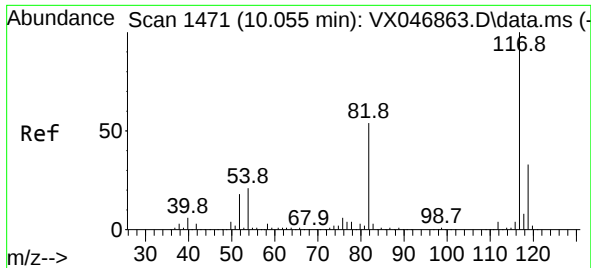
Tgt Ion: 98 Resp: 962920
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 53.092 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

Tgt Ion: 95 Resp: 385387
Ion Ratio Lower Upper
95 100
174 74.1 0.0 152.0
176 70.3 0.0 145.2

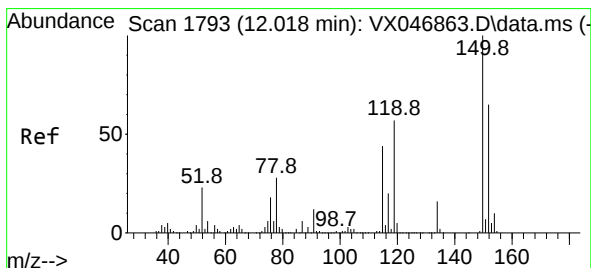
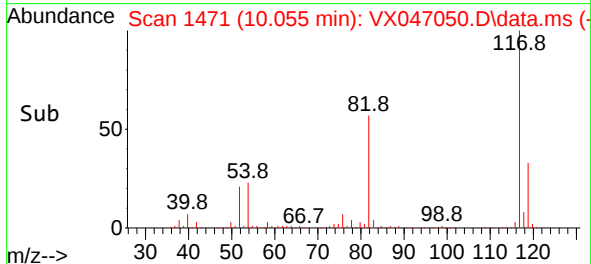
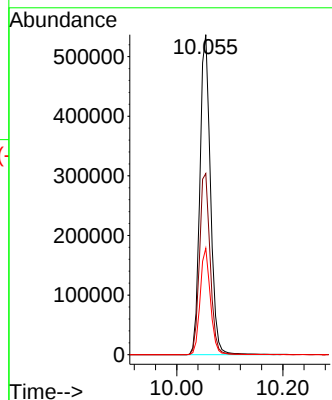
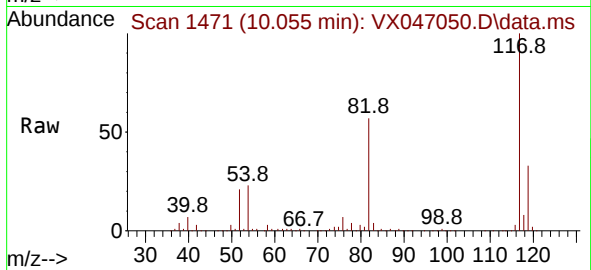




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 745002
Ion Ratio Lower Upper
117 100
82 56.6 43.3 64.9
119 33.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

Tgt Ion:152 Resp: 366135
Ion Ratio Lower Upper
152 100
115 62.7 42.4 127.1
150 156.7 0.0 349.2

