

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072925\
 Data File : VX047173.D
 Acq On : 29 Jul 2025 11:37
 Operator : JC/MD
 Sample : VX0729WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBL01

Quant Time: Jul 30 01:13:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	306718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	528404	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	477551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	243081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	182220	47.692	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.380%
35) Dibromofluoromethane	5.391	113	158026	48.437	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.880%
50) Toluene-d8	8.647	98	478295	45.269	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.540%#
62) 4-Bromofluorobenzene	11.079	95	222197	48.800	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.600%

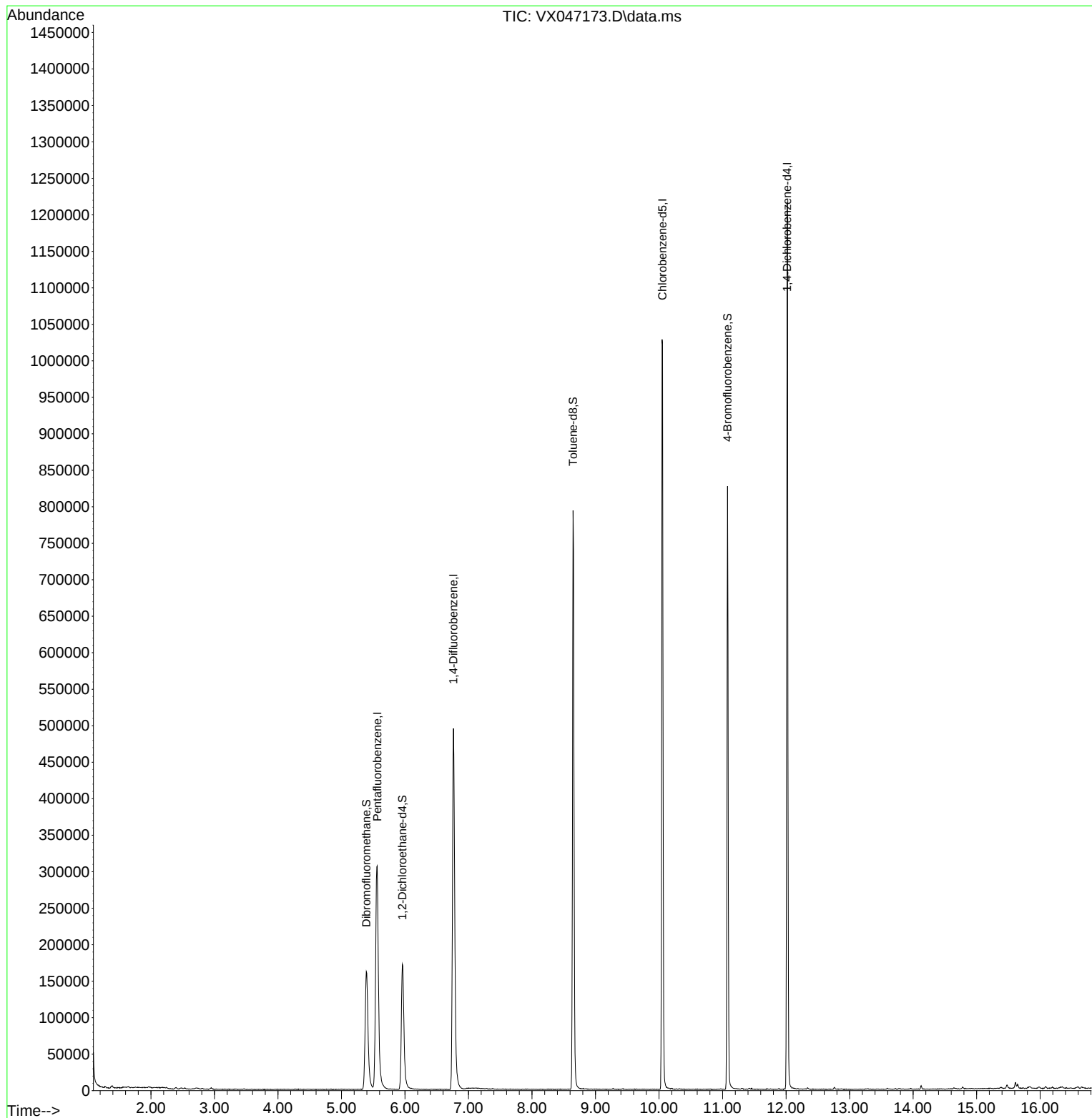
Target Compounds	Qvalue

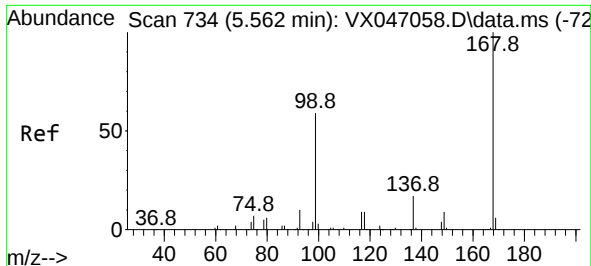
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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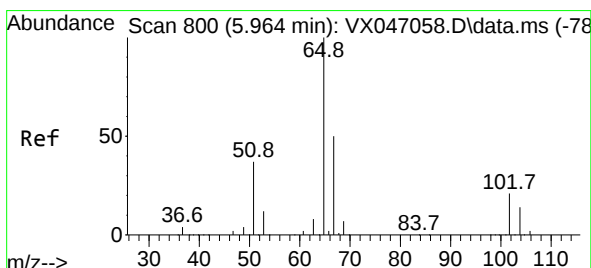
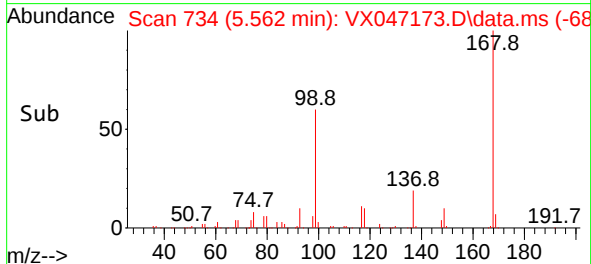
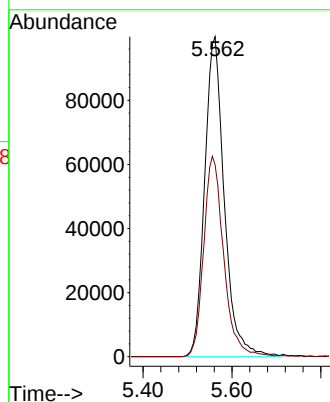
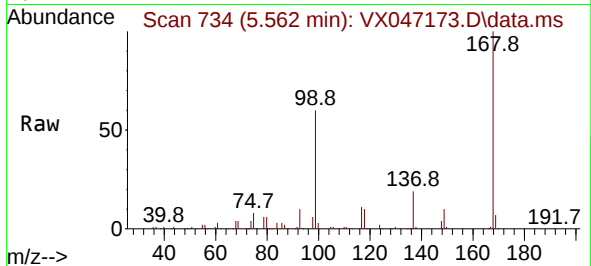




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX047173.D
Acq: 29 Jul 2025 11:37

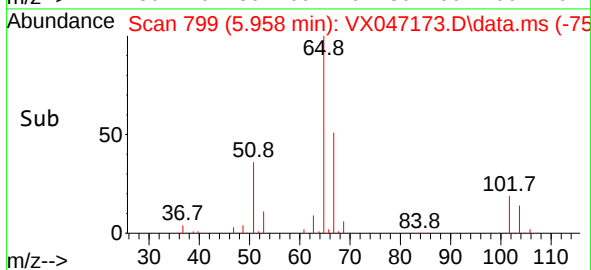
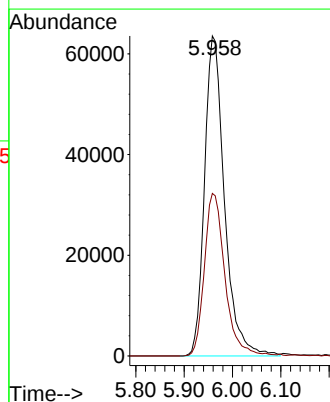
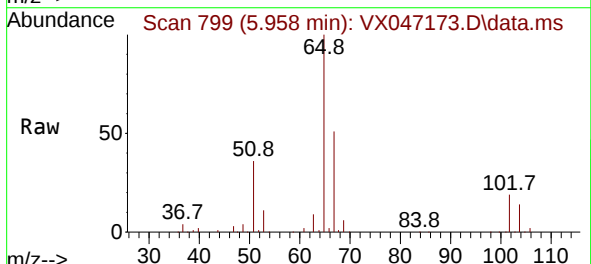
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBL01

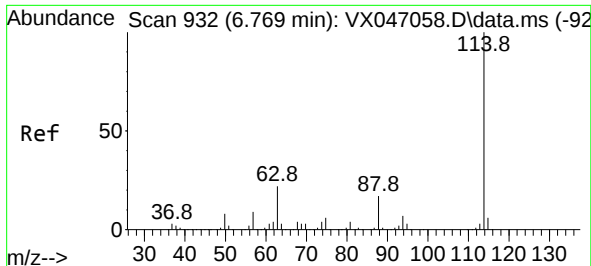
Tgt Ion:168 Resp: 306718
Ion Ratio Lower Upper
168 100
99 60.0 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 47.692 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047173.D
Acq: 29 Jul 2025 11:37

Tgt Ion: 65 Resp: 182220
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8

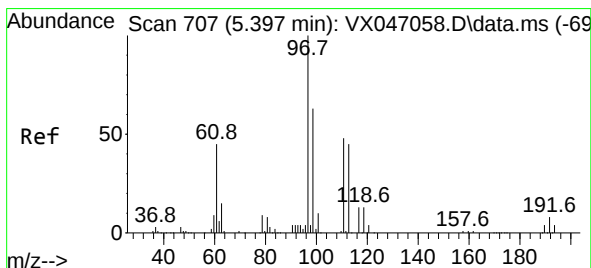
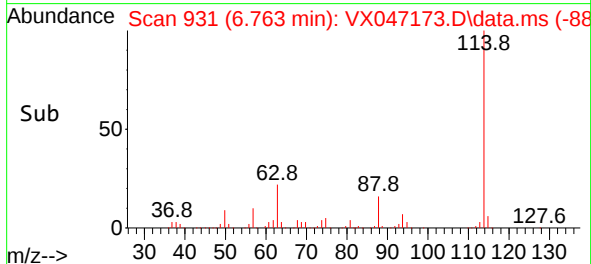
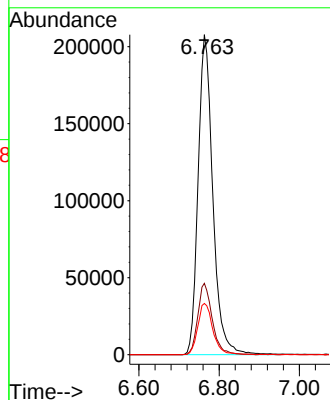
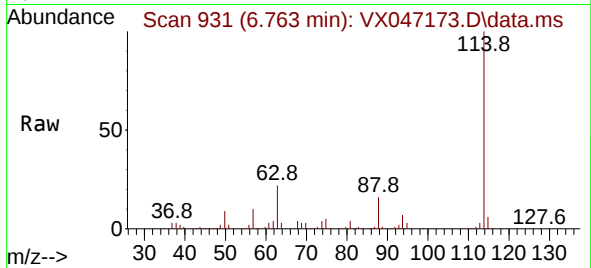




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047173.D
Acq: 29 Jul 2025 11:37

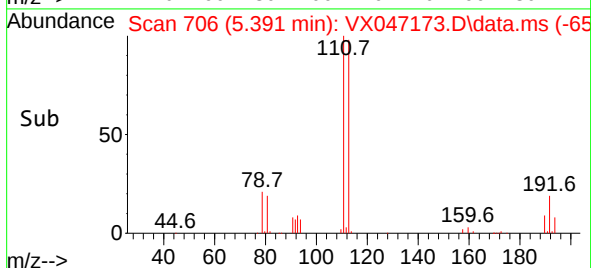
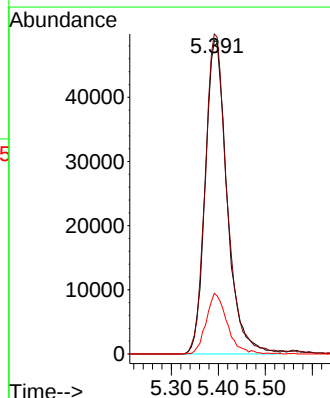
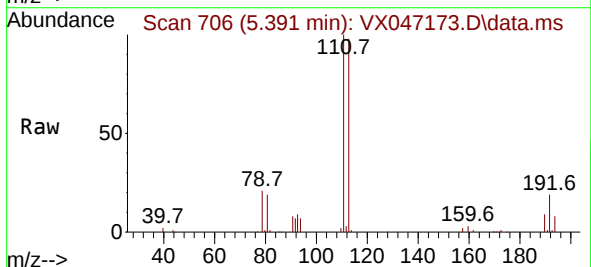
Instrument :
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ClientSampleId :
VX0729WBL01

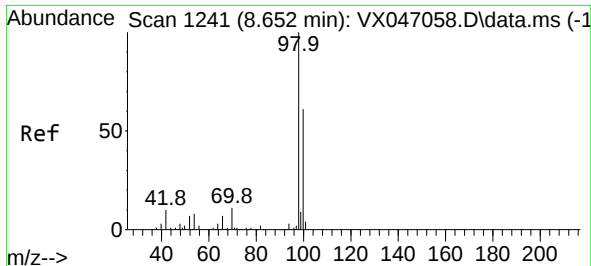
Tgt Ion:114 Resp: 528404
Ion Ratio Lower Upper
114 100
63 22.3 0.0 43.2
88 16.0 0.0 33.8



#35
Dibromofluoromethane
Concen: 48.437 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047173.D
Acq: 29 Jul 2025 11:37

Tgt Ion:113 Resp: 158026
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 18.5 14.9 22.3

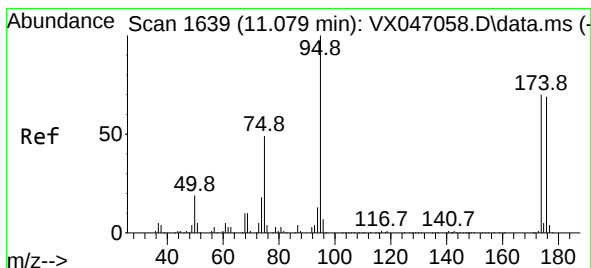
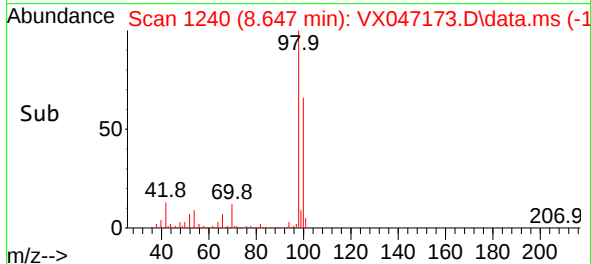
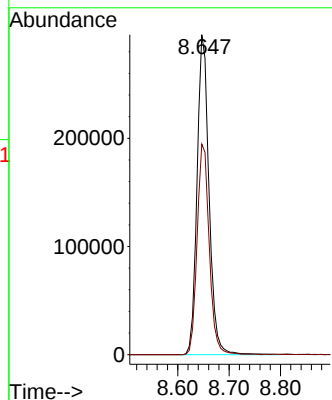
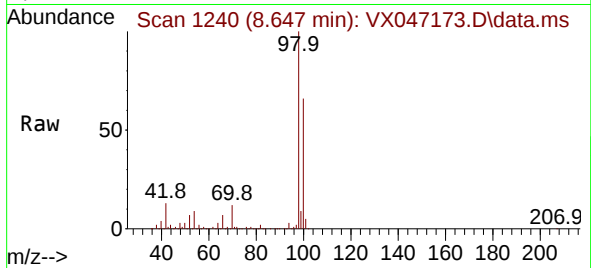




#50
Toluene-d8
Concen: 45.269 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047173.D
Acq: 29 Jul 2025 11:37

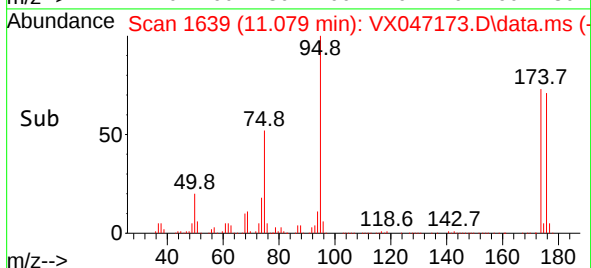
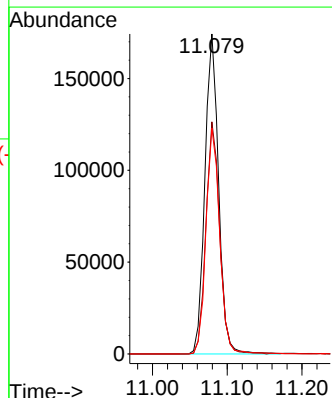
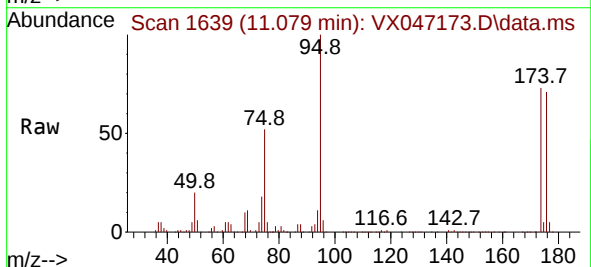
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBL01

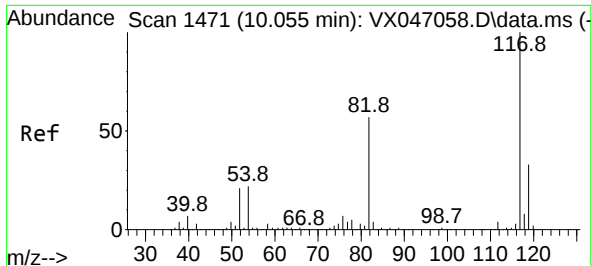
Tgt Ion: 98 Resp: 478295
Ion Ratio Lower Upper
98 100
100 66.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 48.800 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047173.D
Acq: 29 Jul 2025 11:37

Tgt Ion: 95 Resp: 222197
Ion Ratio Lower Upper
95 100
174 72.5 0.0 144.6
176 70.9 0.0 139.6

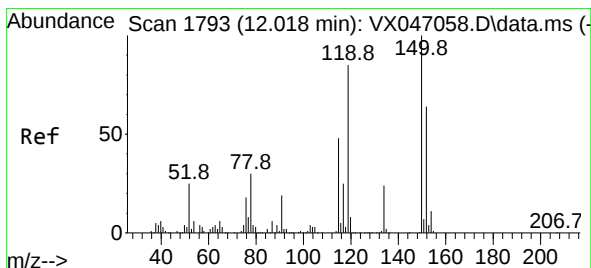
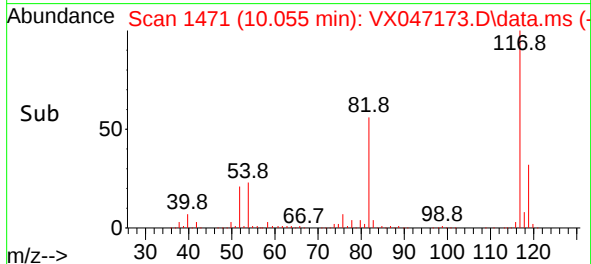
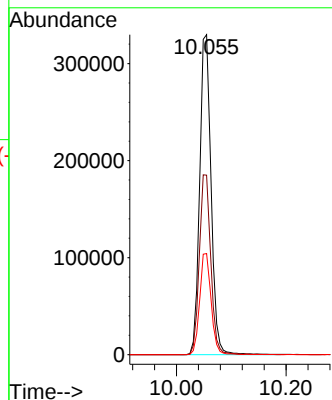
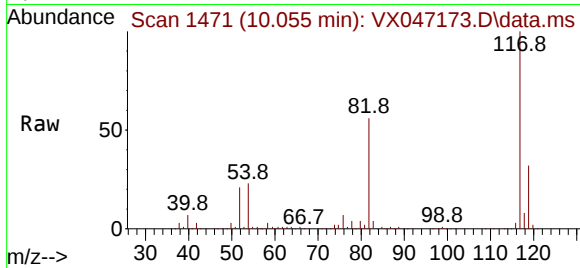




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047173.D
Acq: 29 Jul 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBL01

Tgt Ion:117 Resp: 477551
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 31.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047173.D
Acq: 29 Jul 2025 11:37

Tgt Ion:152 Resp: 243081
Ion Ratio Lower Upper
152 100
115 61.1 45.6 136.7
150 154.7 0.0 354.6

