

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047485.D
 Acq On : 22 Aug 2025 10:32
 Operator : JC/MD
 Sample : VX0822MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822MBL01

Quant Time: Aug 25 01:23:44 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	5.556	168	178497	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	359085	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	174023	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149450	59.825	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	119.640%#
35) Dibromofluoromethane	5.391	113	126192	54.148	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.300%
50) Toluene-d8	8.647	98	442844	53.164	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.320%
62) 4-Bromofluorobenzene	11.079	95	176868	57.539	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.080%

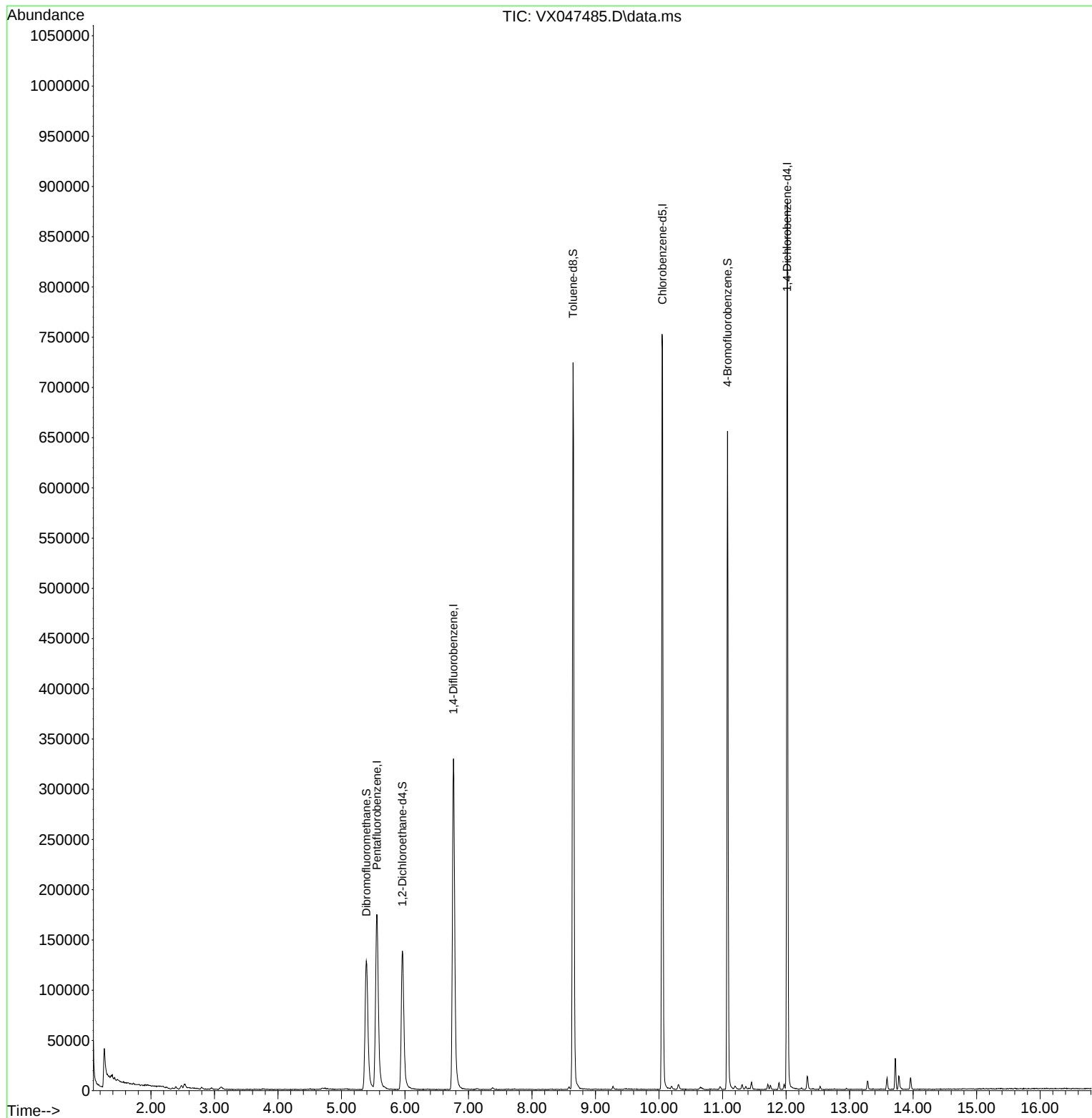
Target Compounds	Qvalue

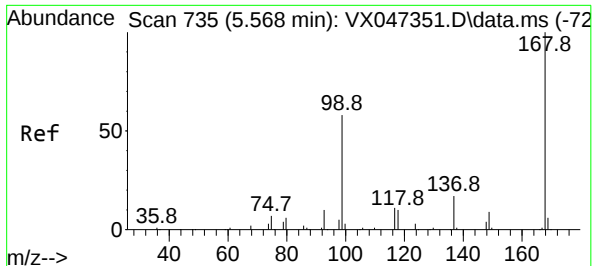
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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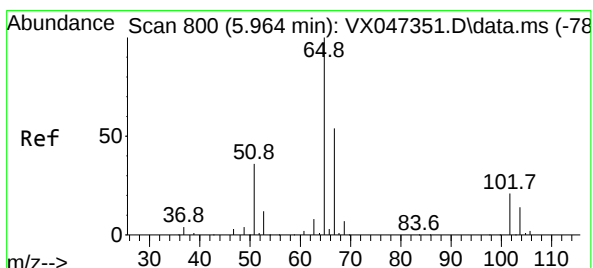
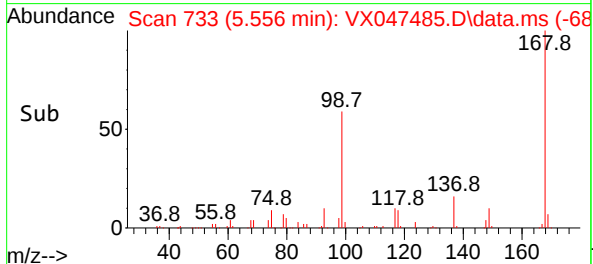
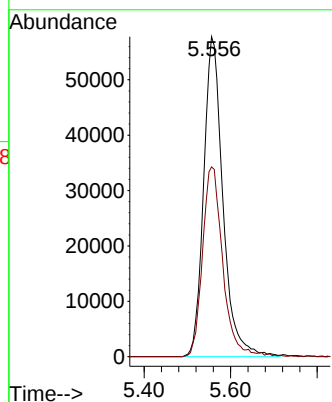
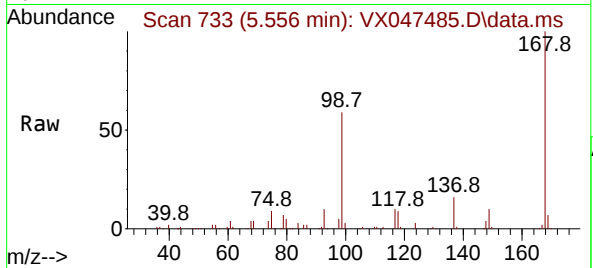




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.012 min
Lab File: VX047485.D
Acq: 22 Aug 2025 10:32

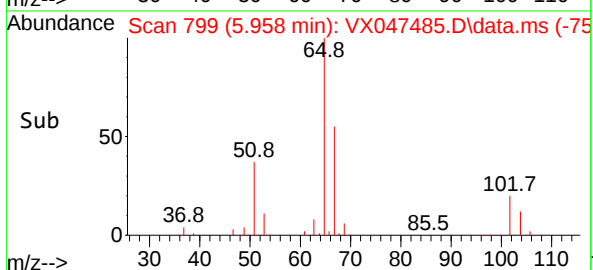
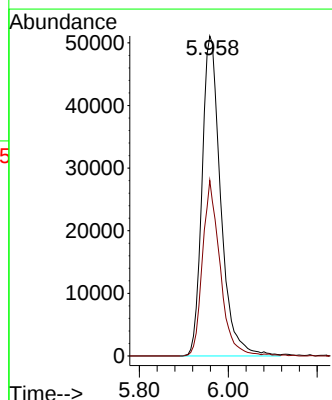
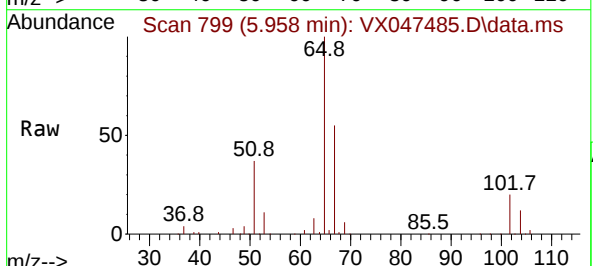
Instrument :
MSVOA_X
ClientSampleId :
VX0822MBL01

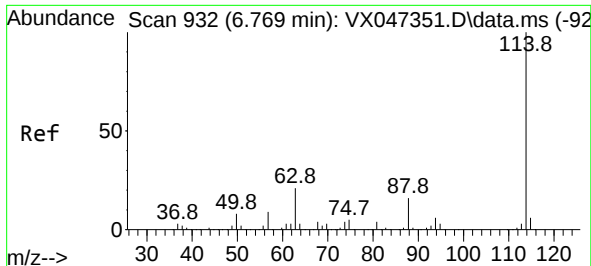
Tgt Ion:168 Resp: 178497
Ion Ratio Lower Upper
168 100
99 59.3 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 59.825 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047485.D
Acq: 22 Aug 2025 10:32

Tgt Ion: 65 Resp: 149450
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.0

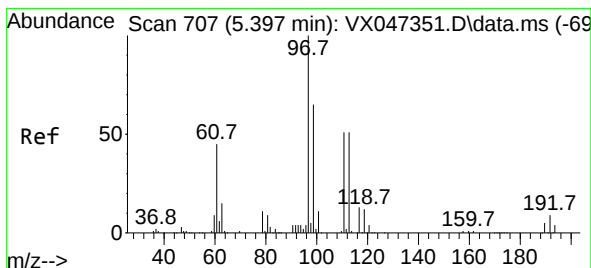
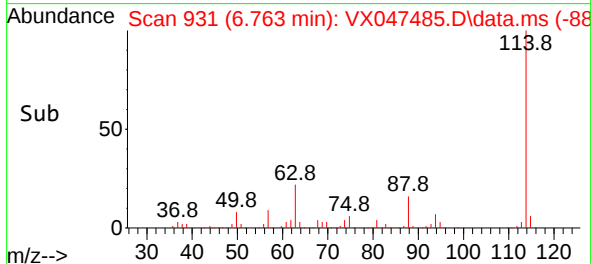
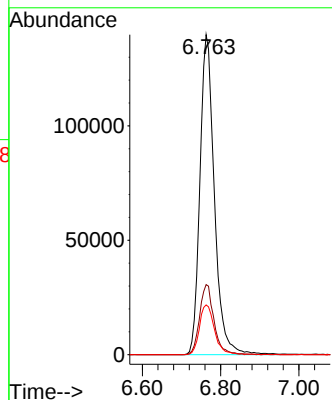
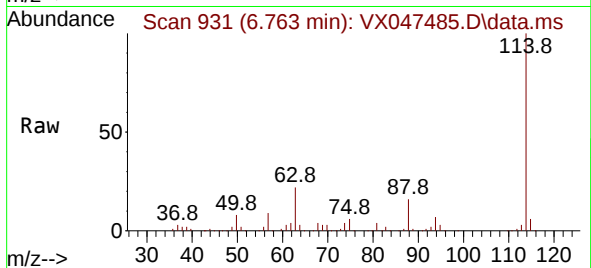




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047485.D
Acq: 22 Aug 2025 10:32

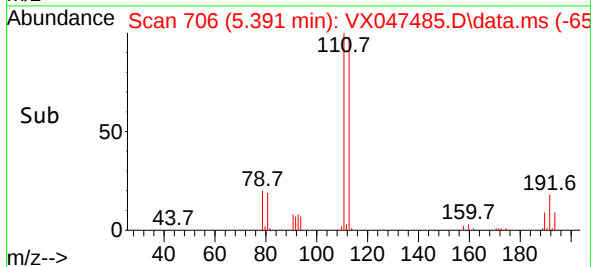
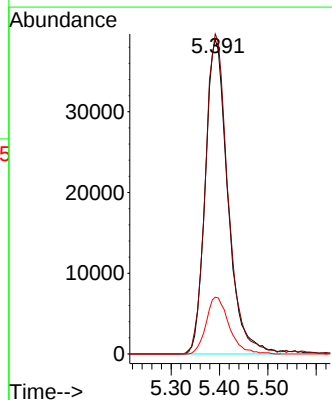
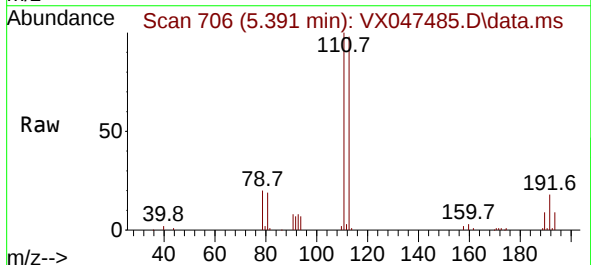
Instrument :
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VX0822MBL01

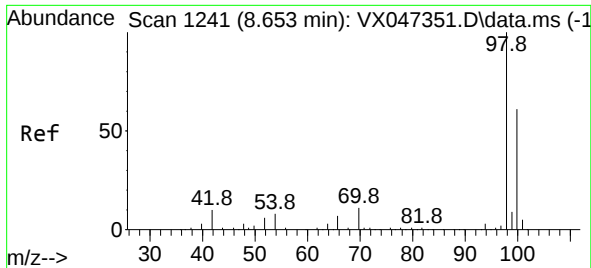
Tgt Ion:114 Resp: 359085
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.4
88 15.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 54.148 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047485.D
Acq: 22 Aug 2025 10:32

Tgt Ion:113 Resp: 126192
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.2
192 18.4 14.1 21.1

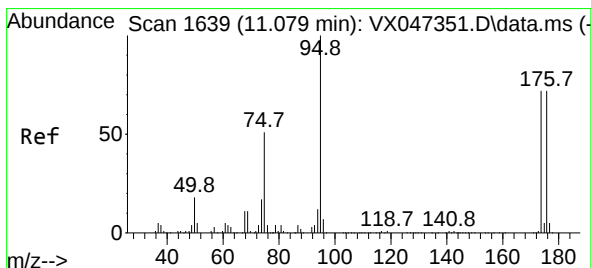
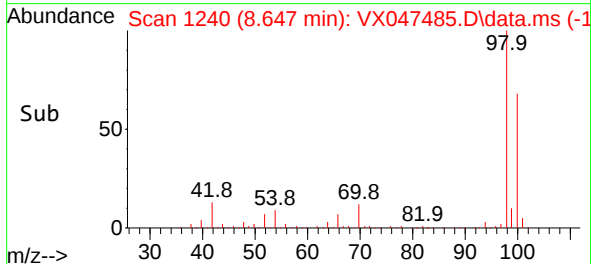
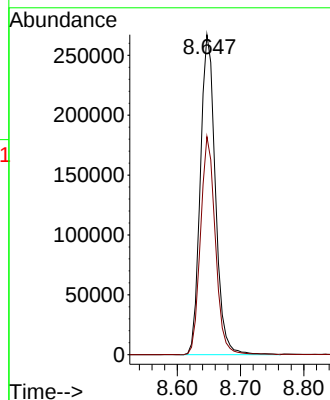
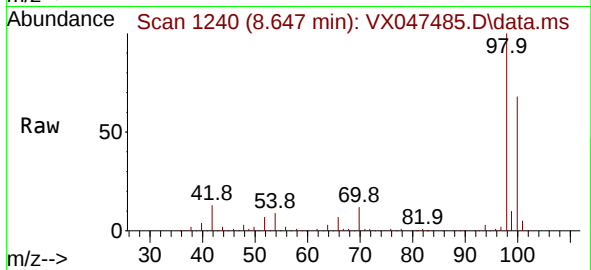




#50
Toluene-d8
Concen: 53.164 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047485.D
Acq: 22 Aug 2025 10:32

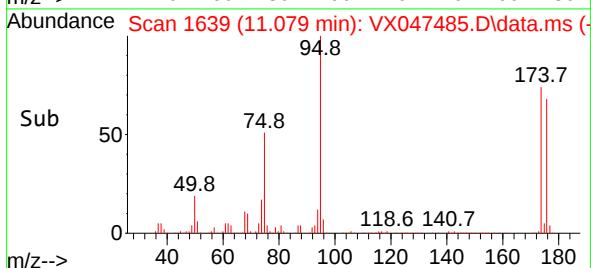
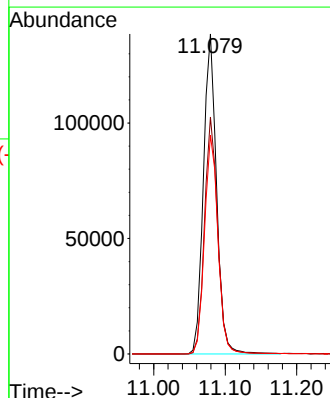
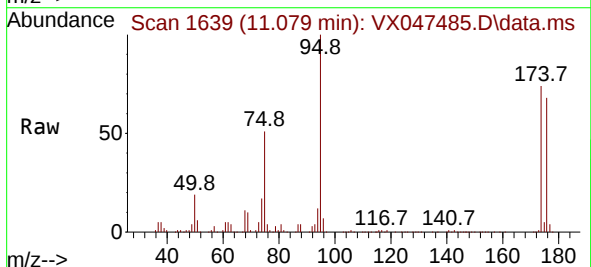
Instrument :
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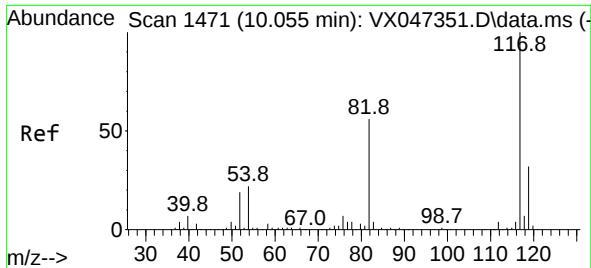
Tgt Ion: 98 Resp: 442844
Ion Ratio Lower Upper
98 100
100 67.3 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 57.539 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047485.D
Acq: 22 Aug 2025 10:32

Tgt Ion: 95 Resp: 176868
Ion Ratio Lower Upper
95 100
174 74.8 0.0 148.0
176 70.0 0.0 145.4

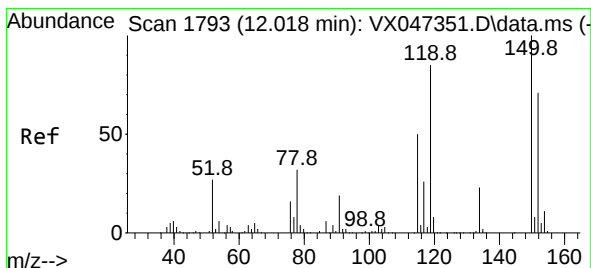
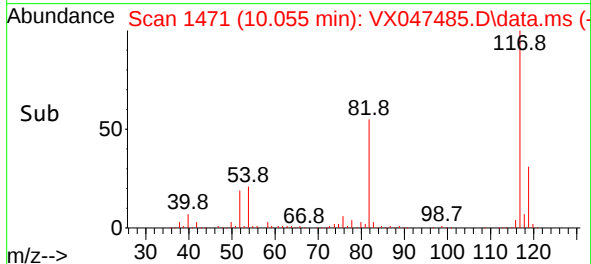
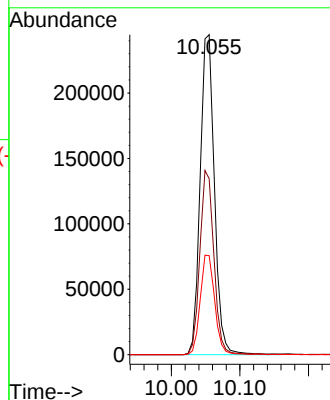
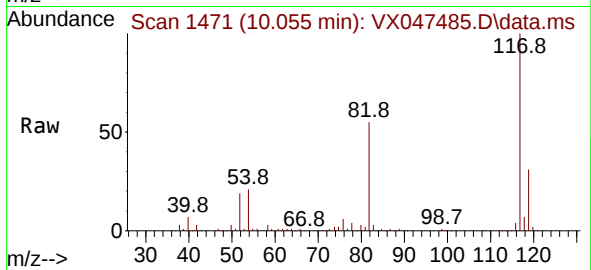




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047485.D
Acq: 22 Aug 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VX0822MBL01

Tgt Ion:117 Resp: 354818
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 31.0 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: VX047485.D
Acq: 22 Aug 2025 10:32

Tgt Ion:152 Resp: 174023
Ion Ratio Lower Upper
152 100
115 61.0 44.6 133.8
150 156.4 0.0 349.8

