

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082725\
 Data File : VX047535.D
 Acq On : 27 Aug 2025 12:53
 Operator : JC/MD
 Sample : VX0827MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBL01

Quant Time: Aug 28 01:17:32 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	175441	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	348377	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	349752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	172238	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143061	58.265	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	116.520%
35) Dibromofluoromethane	5.391	113	121293	53.646	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.300%
50) Toluene-d8	8.647	98	431065	53.340	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.680%
62) 4-Bromofluorobenzene	11.079	95	176061	59.037	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.080%

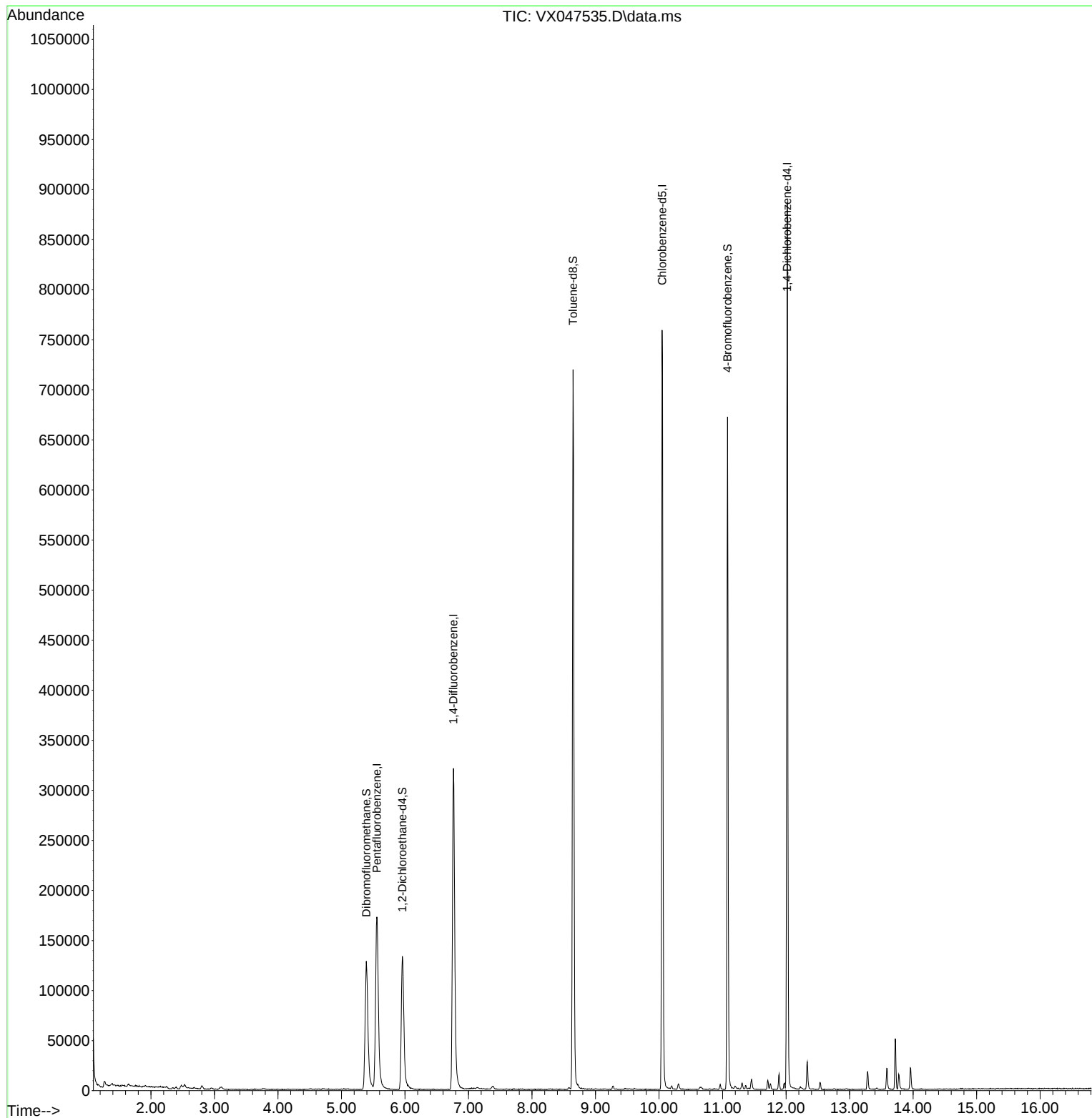
Target Compounds	Qvalue

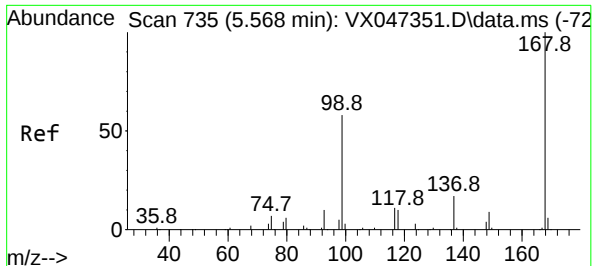
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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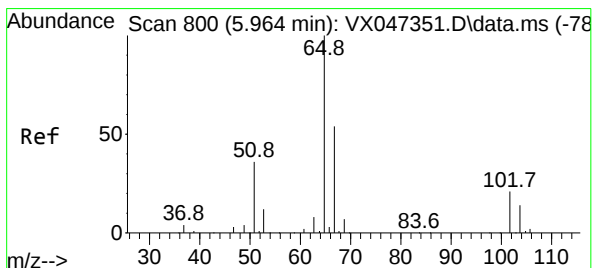
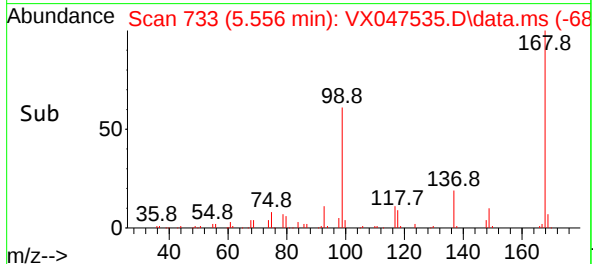
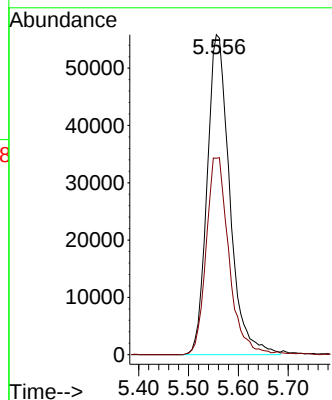
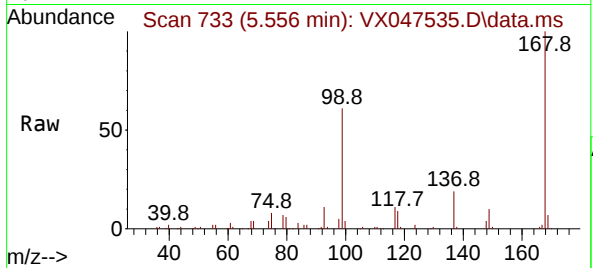




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.012 min
Lab File: VX047535.D
Acq: 27 Aug 2025 12:53

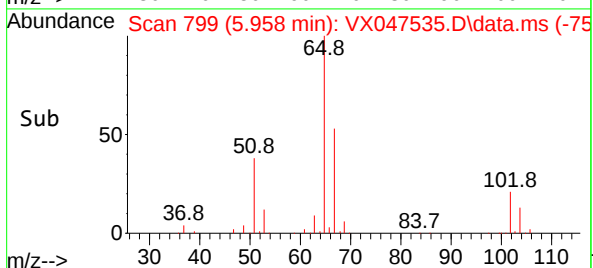
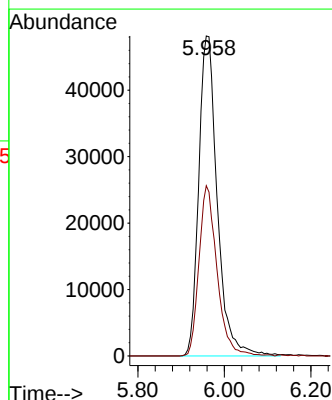
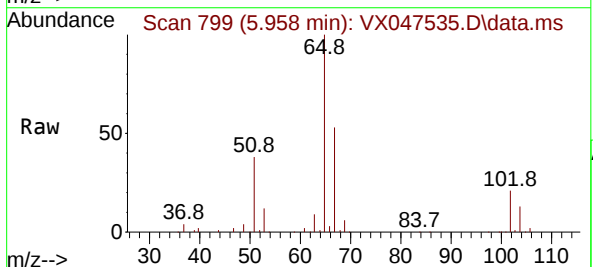
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBL01

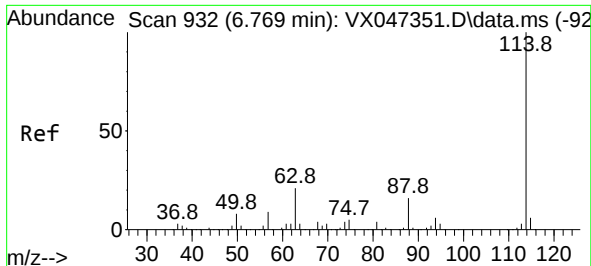
Tgt Ion:168 Resp: 175441
Ion Ratio Lower Upper
168 100
99 61.4 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 58.265 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047535.D
Acq: 27 Aug 2025 12:53

Tgt Ion: 65 Resp: 143061
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.0

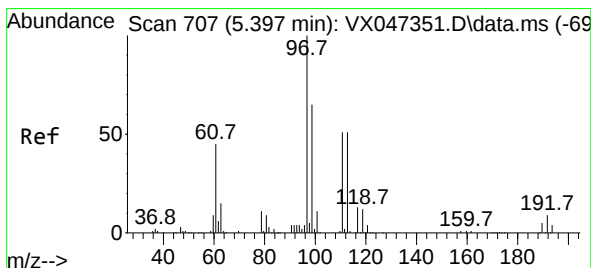
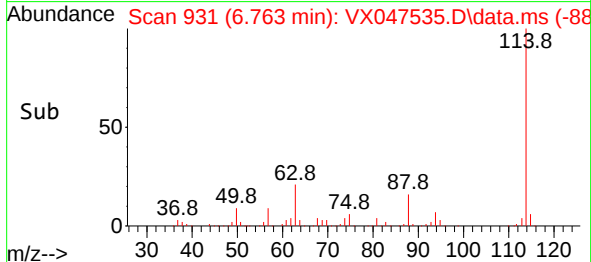
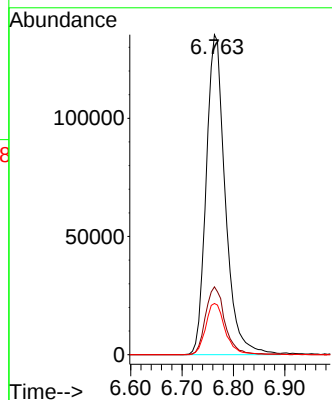
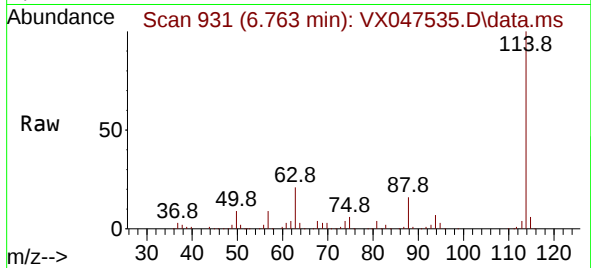




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047535.D
Acq: 27 Aug 2025 12:53

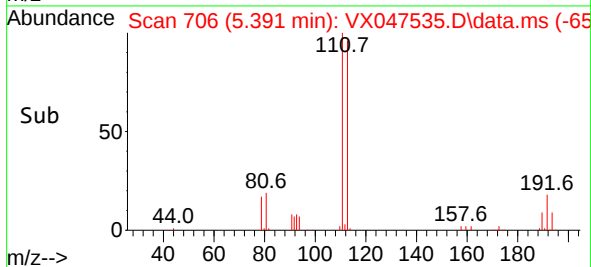
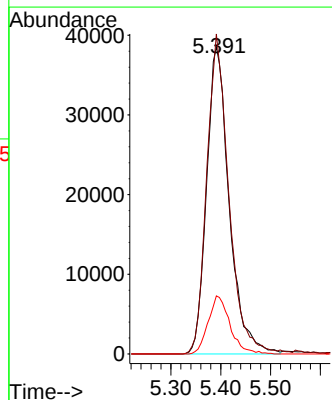
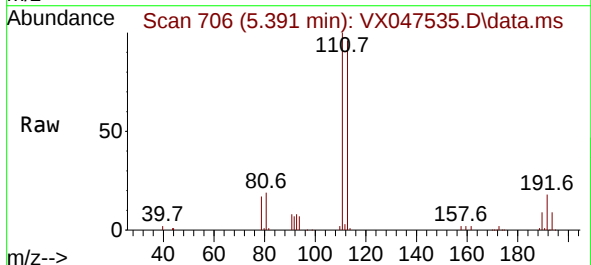
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBL01

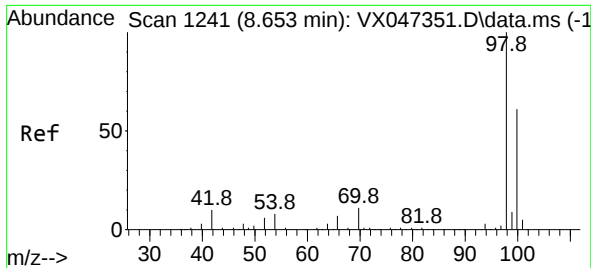
Tgt Ion:114 Resp: 348377
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.4
88 16.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 53.646 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047535.D
Acq: 27 Aug 2025 12:53

Tgt Ion:113 Resp: 121293
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.2
192 18.3 14.1 21.1

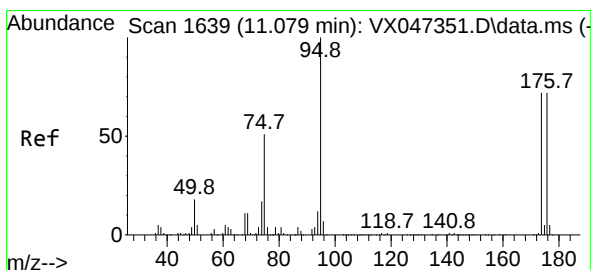
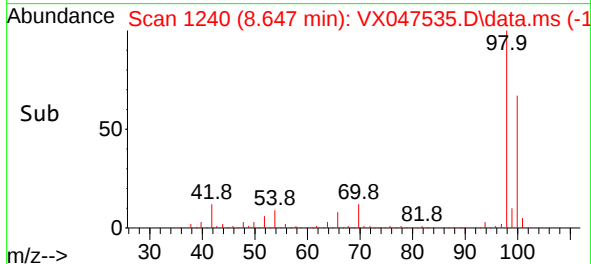
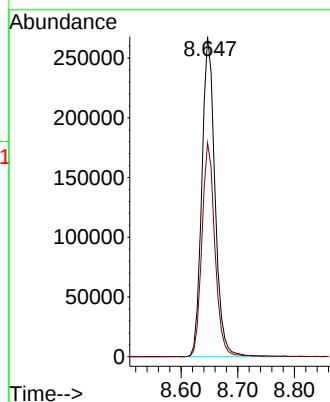
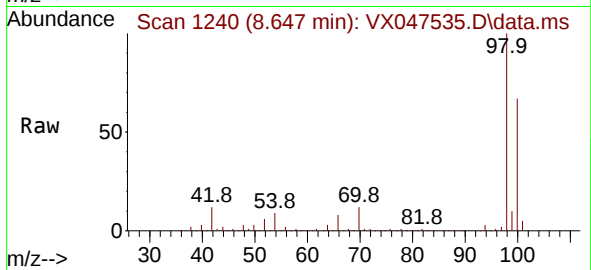




#50
Toluene-d8
Concen: 53.340 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047535.D
Acq: 27 Aug 2025 12:53

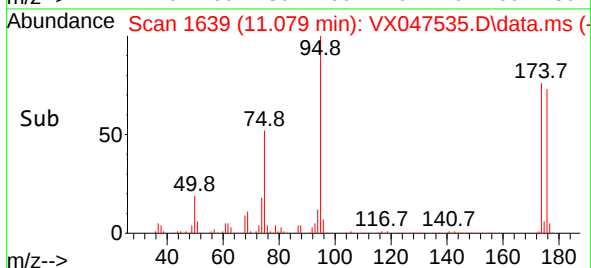
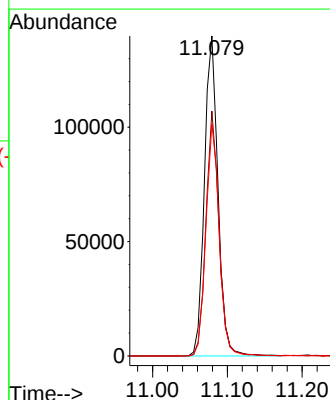
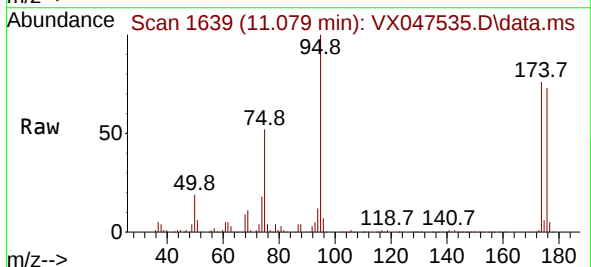
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBL01

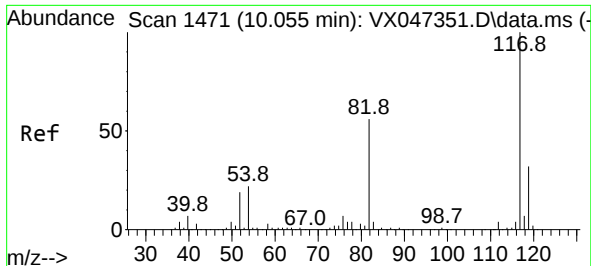
Tgt Ion: 98 Resp: 431065
Ion Ratio Lower Upper
98 100
100 66.2 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 59.037 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047535.D
Acq: 27 Aug 2025 12:53

Tgt Ion: 95 Resp: 176061
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.0
176 71.2 0.0 145.4

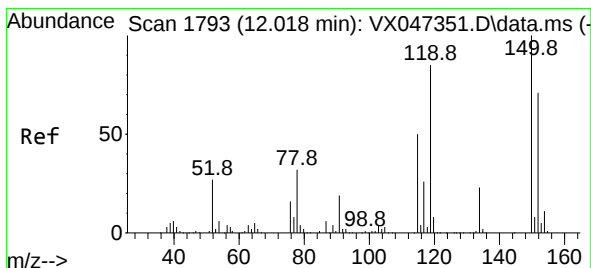
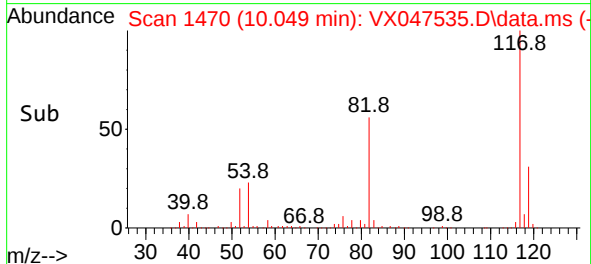
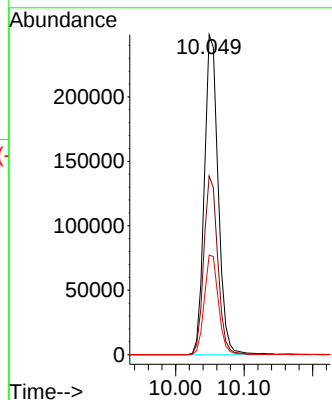
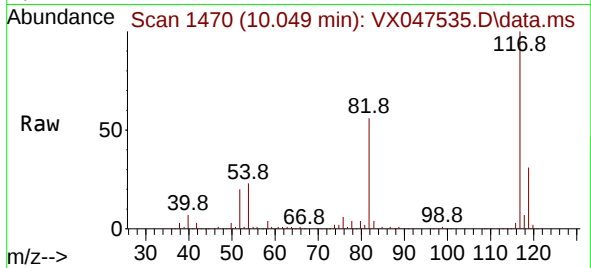




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047535.D
Acq: 27 Aug 2025 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0827MBL01

Tgt Ion:117 Resp: 349752
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 31.1 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: VX047535.D
Acq: 27 Aug 2025 12:53

Tgt Ion:152 Resp: 172238
Ion Ratio Lower Upper
152 100
115 61.6 44.6 133.8
150 156.0 0.0 349.8

