

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
 Data File : VX047106.D
 Acq On : 24 Jul 2025 10:13
 Operator : JC/MD
 Sample : VX0724MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724MBL01

Quant Time: Jul 25 01:18:44 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	5.556	168	340709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	609396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	574857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	291142	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	206085	48.557	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.120%
35) Dibromofluoromethane	5.391	113	168924	44.895	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.800%
50) Toluene-d8	8.646	98	604794	49.634	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.260%
62) 4-Bromofluorobenzene	11.079	95	250976	47.795	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.580%

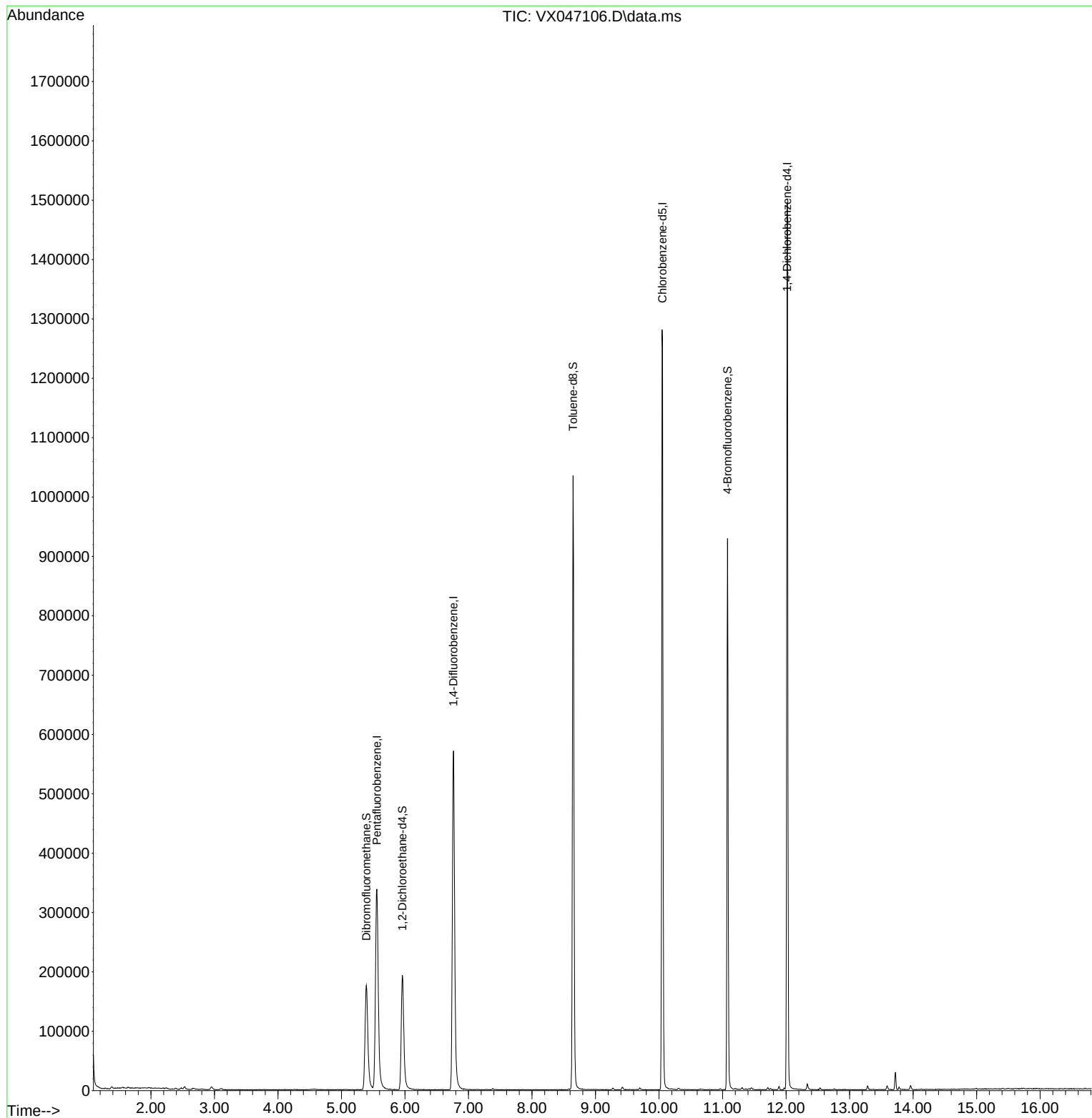
Target Compounds	Qvalue

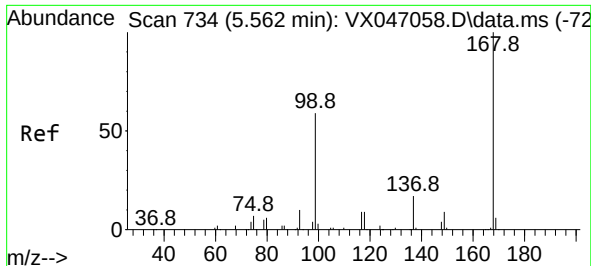
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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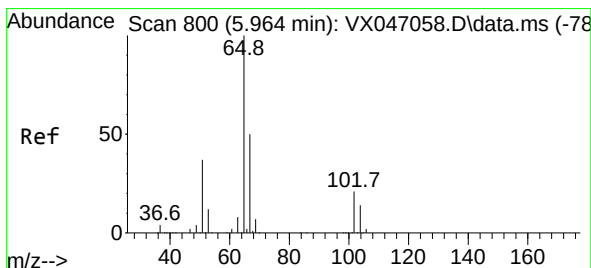
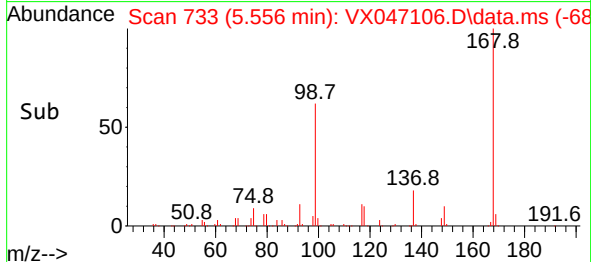
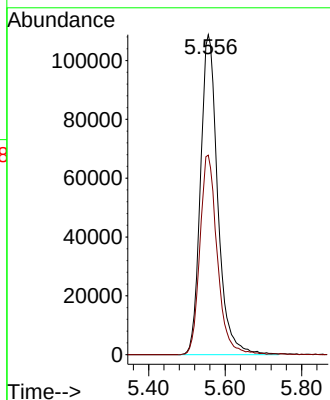
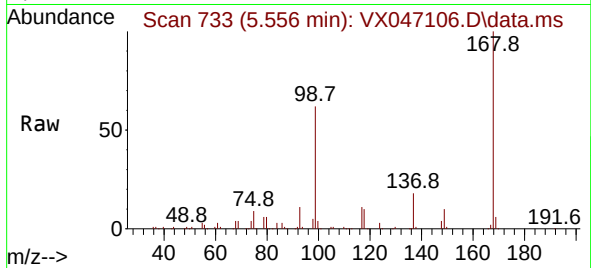




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX047106.D
Acq: 24 Jul 2025 10:13

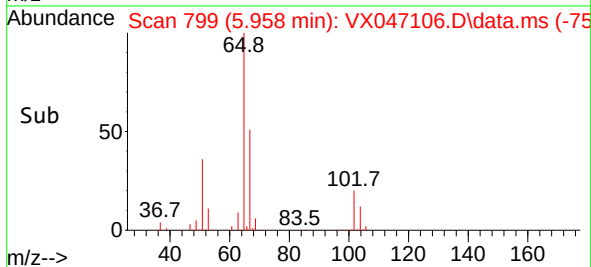
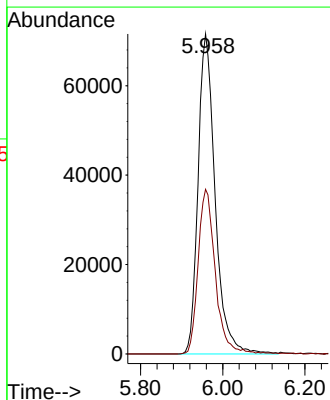
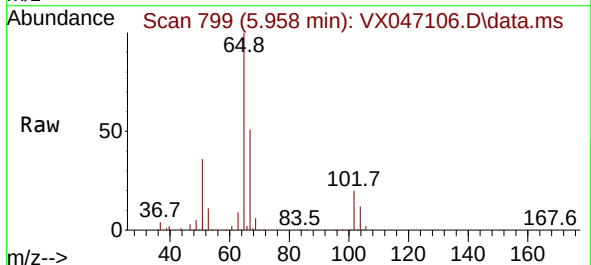
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

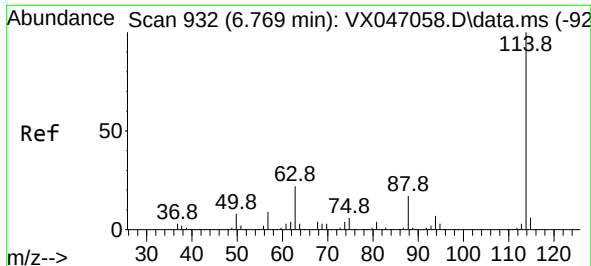
Tgt Ion:168 Resp: 340709
Ion Ratio Lower Upper
168 100
99 62.4 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 48.557 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047106.D
Acq: 24 Jul 2025 10:13

Tgt Ion: 65 Resp: 206085
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8

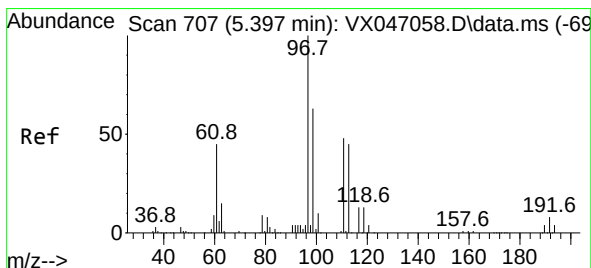
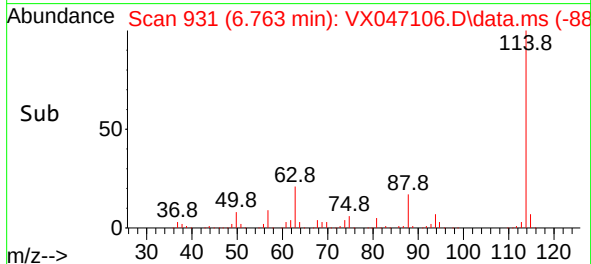
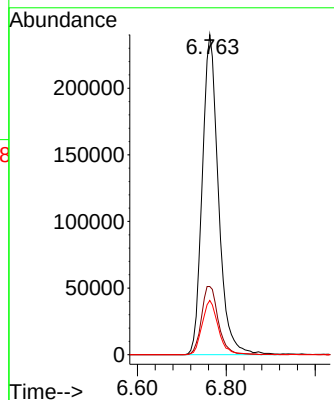
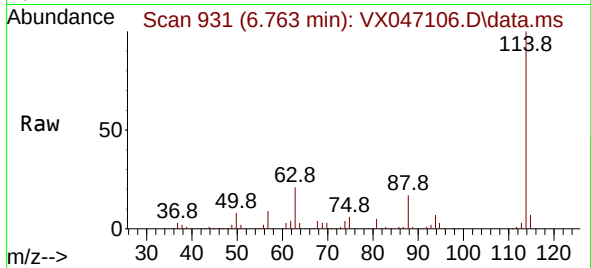




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047106.D
Acq: 24 Jul 2025 10:13

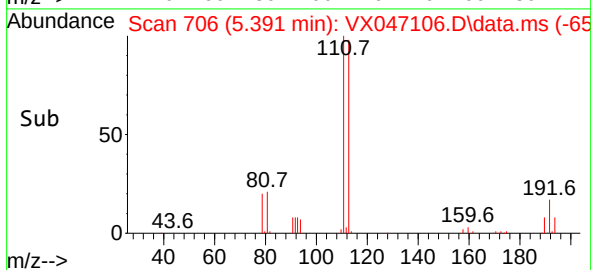
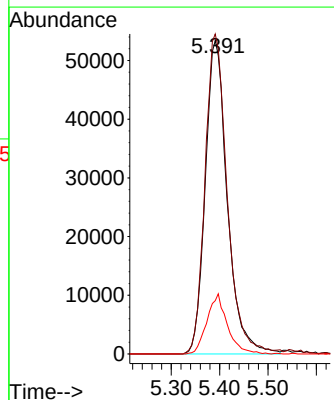
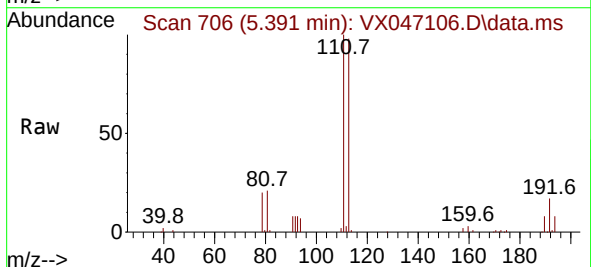
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

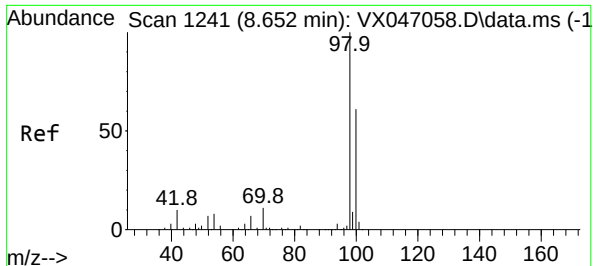
Tgt Ion:114 Resp: 609396
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.2
88 17.0 0.0 33.8



#35
Dibromofluoromethane
Concen: 44.895 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047106.D
Acq: 24 Jul 2025 10:13

Tgt Ion:113 Resp: 168924
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 17.7 14.9 22.3

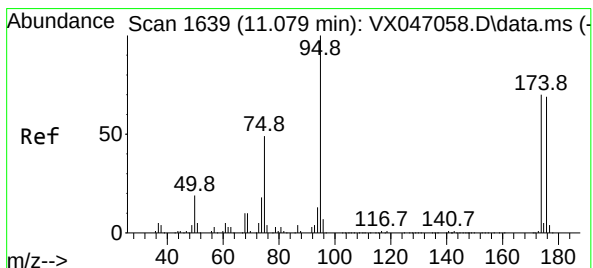
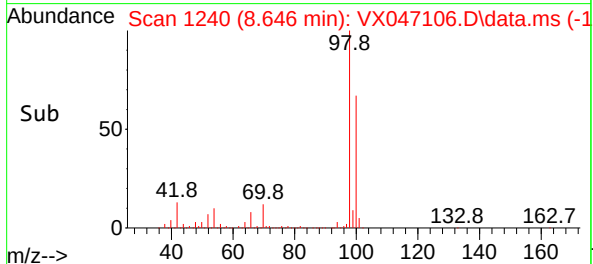
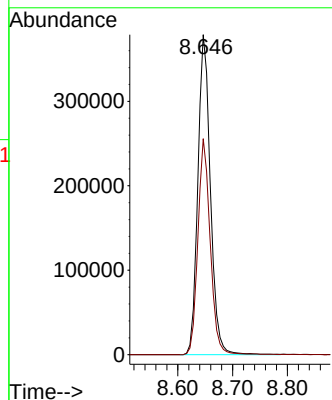
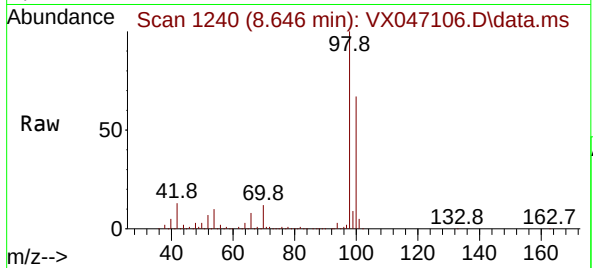




#50
Toluene-d8
Concen: 49.634 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047106.D
Acq: 24 Jul 2025 10:13

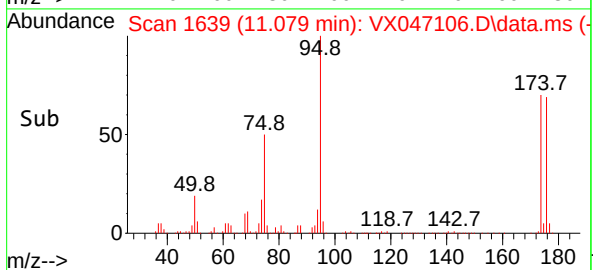
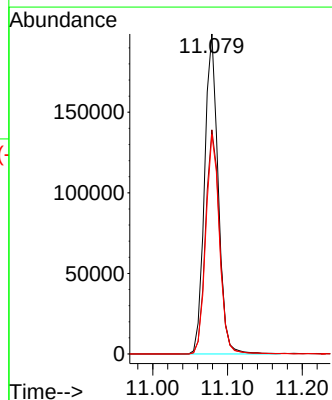
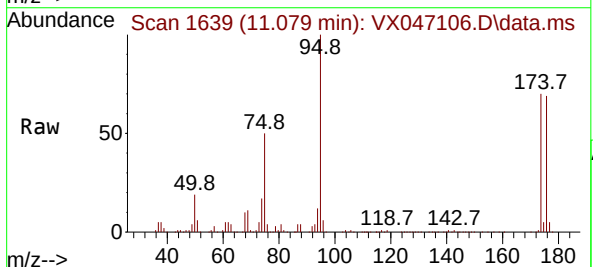
Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

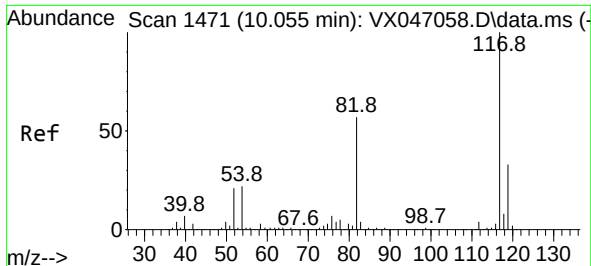
Tgt Ion: 98 Resp: 604794
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 47.795 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047106.D
Acq: 24 Jul 2025 10:13

Tgt Ion: 95 Resp: 250976
Ion Ratio Lower Upper
95 100
174 72.1 0.0 144.6
176 68.9 0.0 139.6

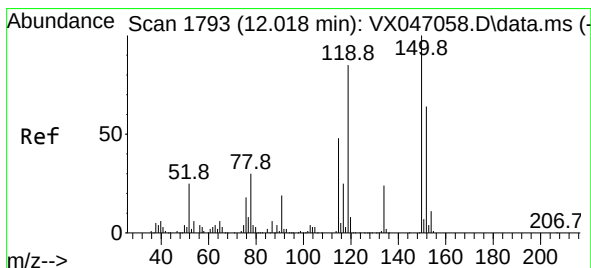
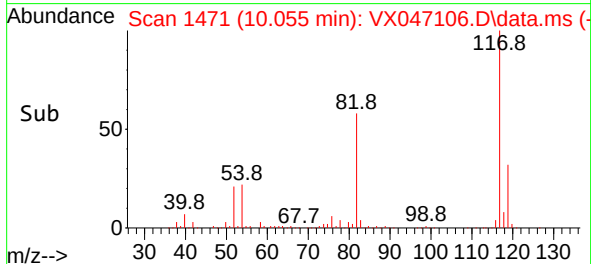
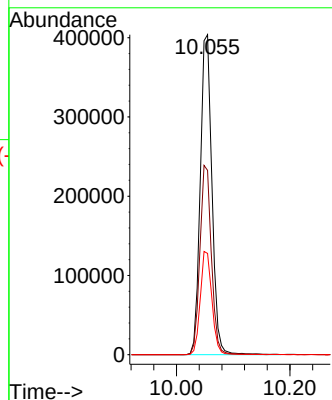
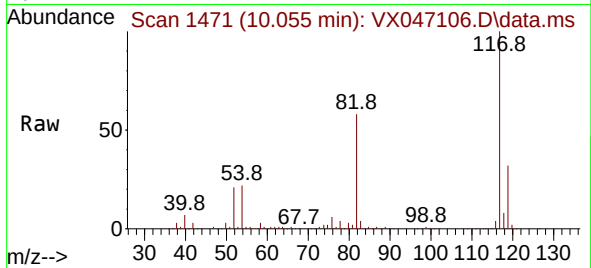




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047106.D
Acq: 24 Jul 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0724MBL01

Tgt Ion:117 Resp: 574857
Ion Ratio Lower Upper
117 100
82 57.6 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: VX047106.D
Acq: 24 Jul 2025 10:13

Tgt Ion:152 Resp: 291142
Ion Ratio Lower Upper
152 100
115 61.7 45.6 136.7
150 157.6 0.0 354.6

