

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047264.D
 Acq On : 08 Aug 2025 11:30
 Operator : JC/MD
 Sample : VX0808MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808MBL01

Quant Time: Aug 11 01:56:41 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	241959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	450468	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	434510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	219448	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155603	51.626	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.260%
35) Dibromofluoromethane	5.391	113	129121	46.424	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.840%
50) Toluene-d8	8.647	98	481018	53.403	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.800%
62) 4-Bromofluorobenzene	11.079	95	198130	51.043	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.080%

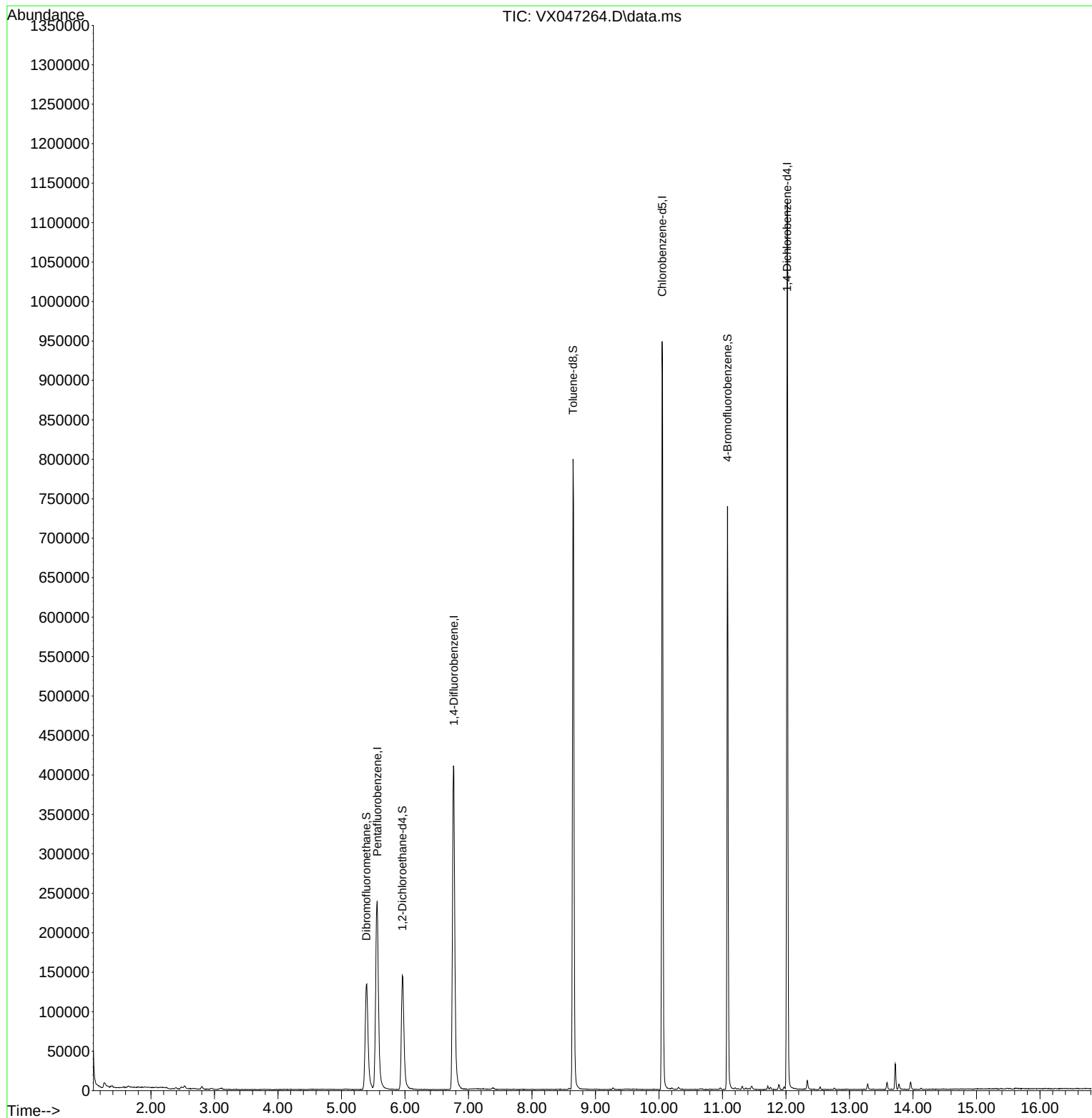
Target Compounds	Qvalue

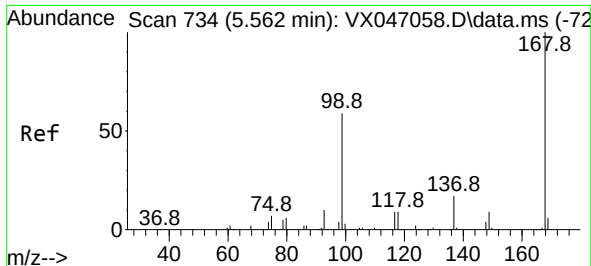
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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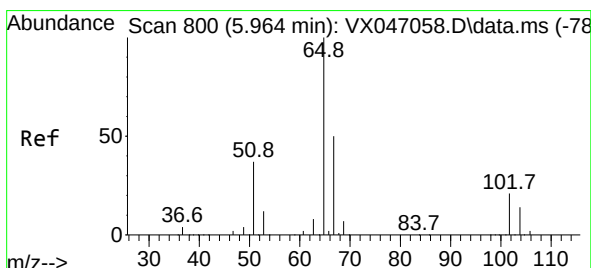
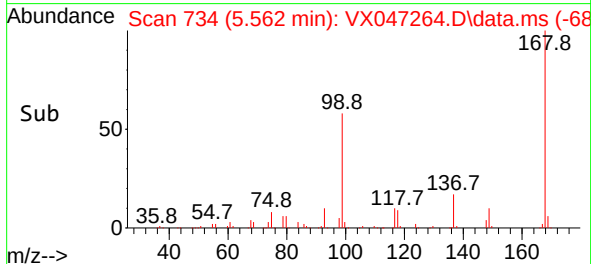
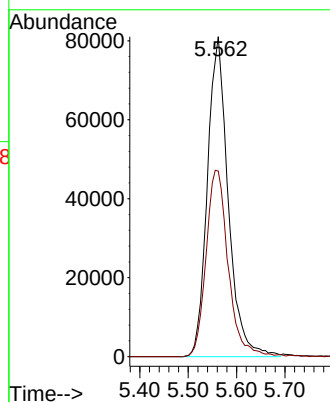
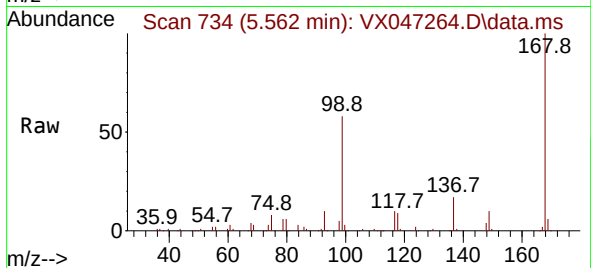




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 711
Delta R.T. 0.000 min
Lab File: VX047264.D
Acq: 08 Aug 2025 11:30

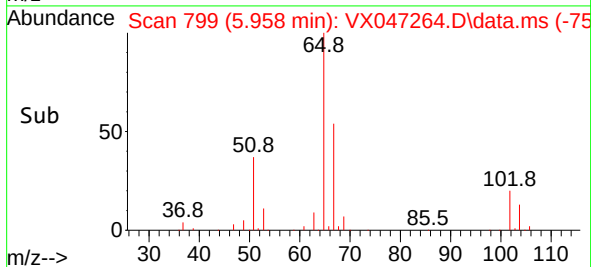
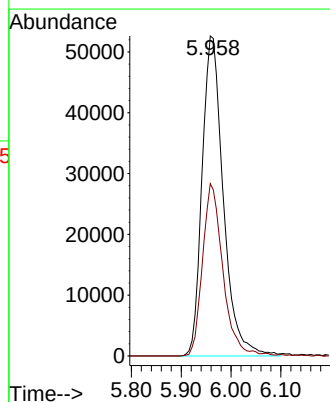
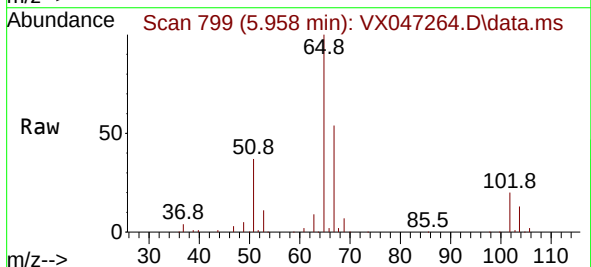
Instrument :
MSVOA_X
ClientSampleId :
VX0808MBL01

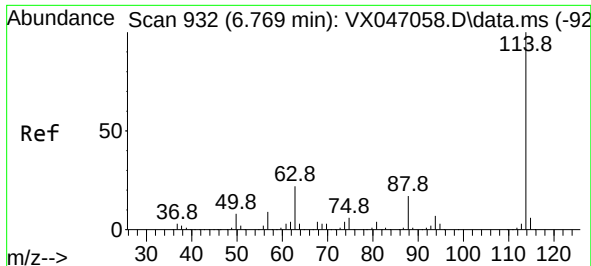
Tgt Ion:168 Resp: 241959
Ion Ratio Lower Upper
168 100
99 58.0 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 51.626 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047264.D
Acq: 08 Aug 2025 11:30

Tgt Ion: 65 Resp: 155603
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8

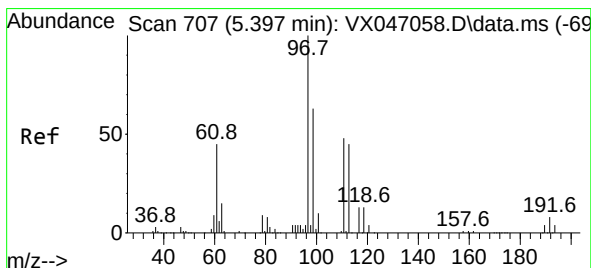
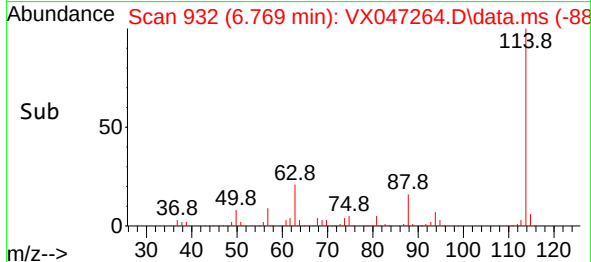
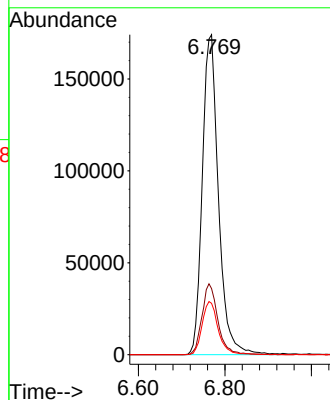
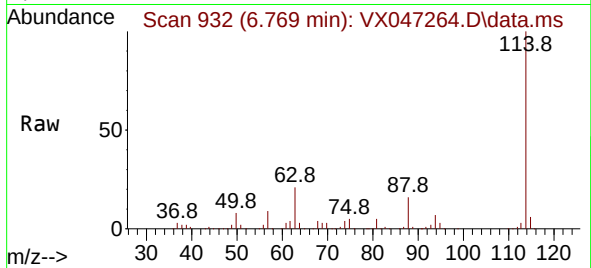




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX047264.D
 Acq: 08 Aug 2025 11:30

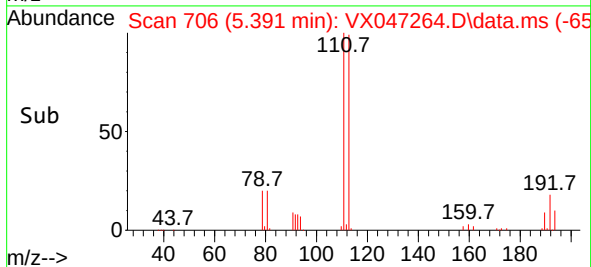
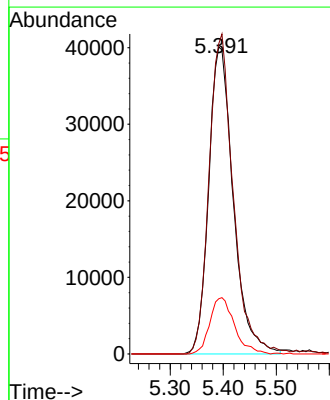
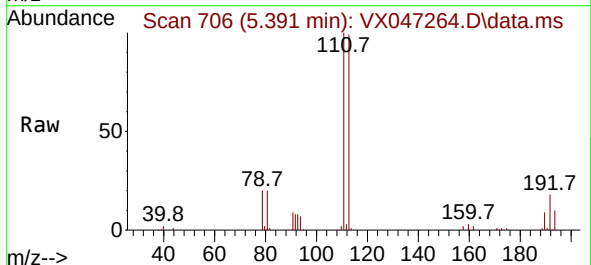
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808MBL01

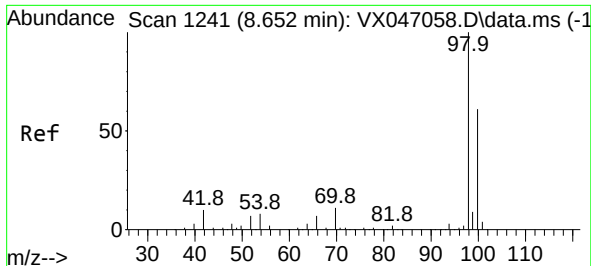
Tgt Ion:114 Resp: 450468
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.2
 88 16.1 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 46.424 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. -0.006 min
 Lab File: VX047264.D
 Acq: 08 Aug 2025 11:30

Tgt Ion:113 Resp: 129121
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.6 124.0
 192 18.4 14.9 22.3

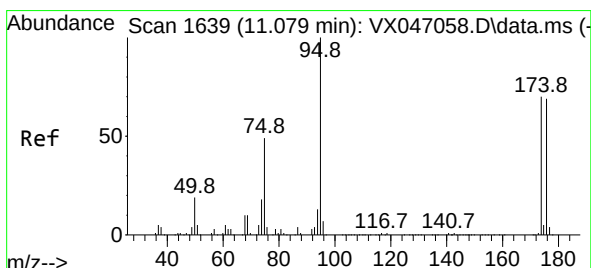
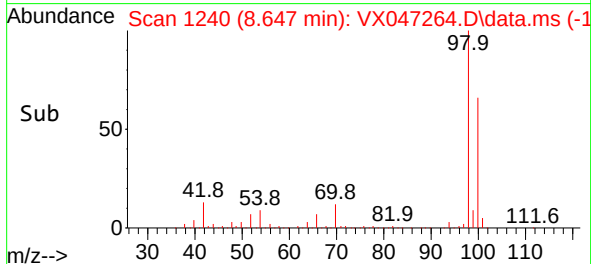
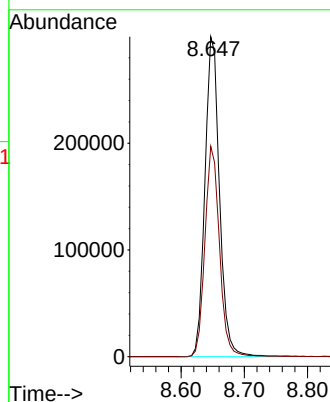
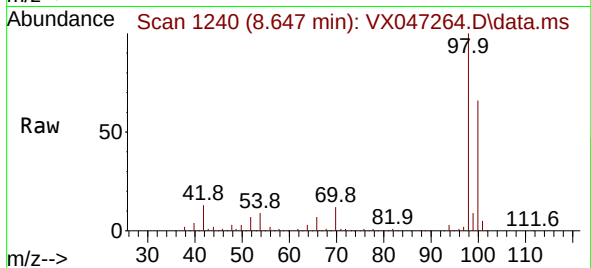




#50
Toluene-d8
Concen: 53.403 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047264.D
Acq: 08 Aug 2025 11:30

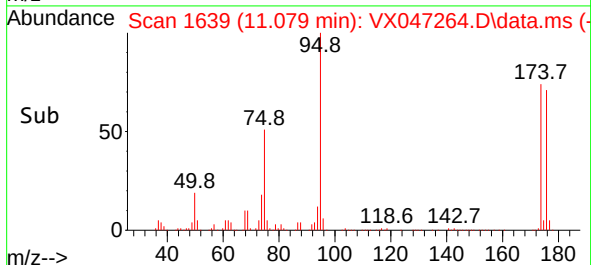
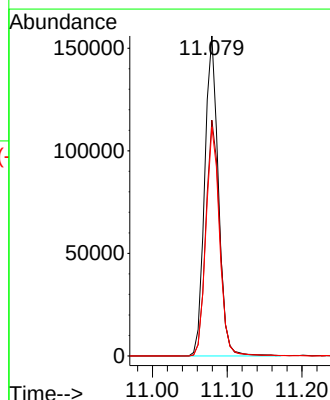
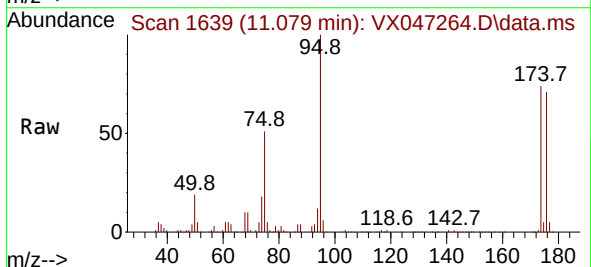
Instrument :
MSVOA_X
ClientSampleId :
VX0808MBL01

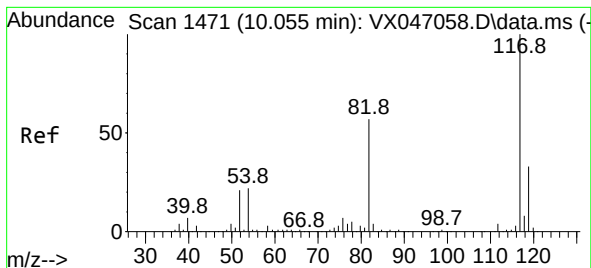
Tgt Ion: 98 Resp: 481018
Ion Ratio Lower Upper
98 100
100 65.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 51.043 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047264.D
Acq: 08 Aug 2025 11:30

Tgt Ion: 95 Resp: 198130
Ion Ratio Lower Upper
95 100
174 74.3 0.0 144.6
176 71.6 0.0 139.6

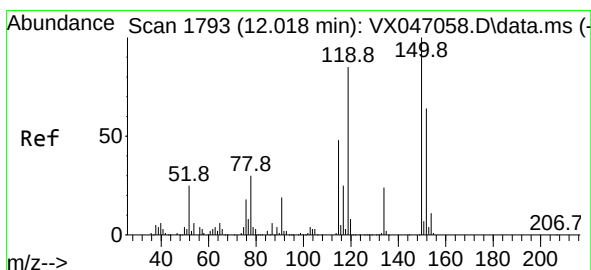
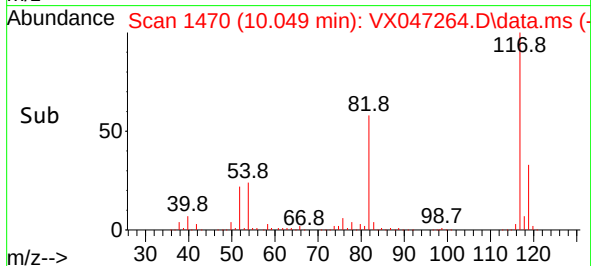
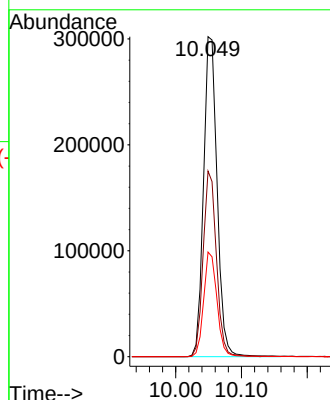
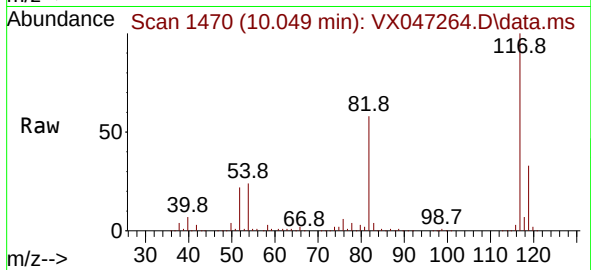




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047264.D
Acq: 08 Aug 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :
VX0808MBL01

Tgt Ion:117 Resp: 434510
Ion Ratio Lower Upper
117 100
82 58.0 45.4 68.2
119 32.7 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: VX047264.D
Acq: 08 Aug 2025 11:30

Tgt Ion:152 Resp: 219448
Ion Ratio Lower Upper
152 100
115 62.5 45.6 136.7
150 157.0 0.0 354.6

