

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047401.D
 Acq On : 19 Aug 2025 10:05
 Operator : JC/MD
 Sample : VX0819MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819MBL01

Quant Time: Aug 20 01:24:05 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	182788	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	363576	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	179617	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147768	57.763	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.520%
35) Dibromofluoromethane	5.397	113	127737	54.134	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.260%
50) Toluene-d8	8.647	98	448031	53.122	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.240%
62) 4-Bromofluorobenzene	11.079	95	184176	59.177	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.360%

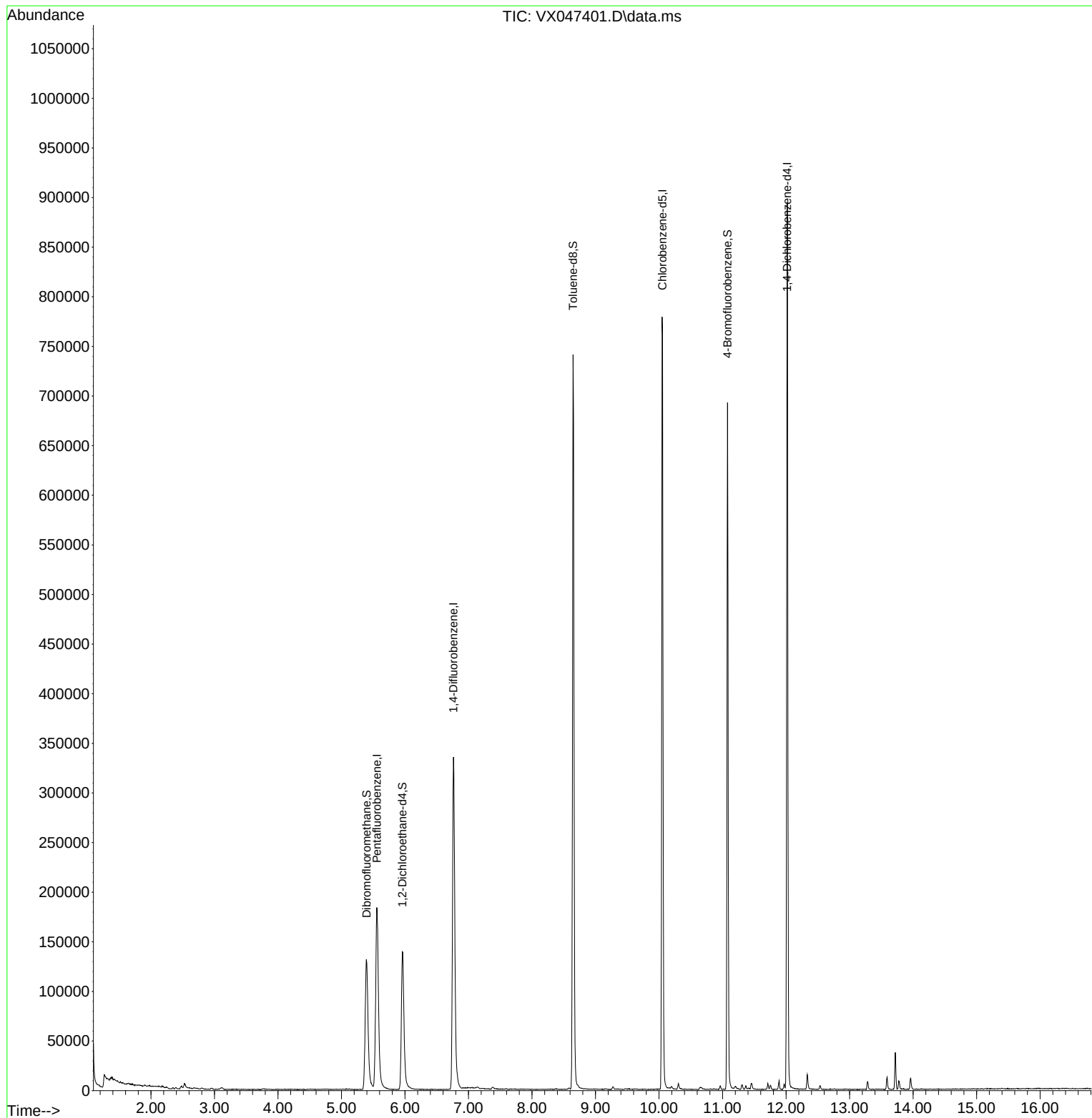
Target Compounds	Qvalue

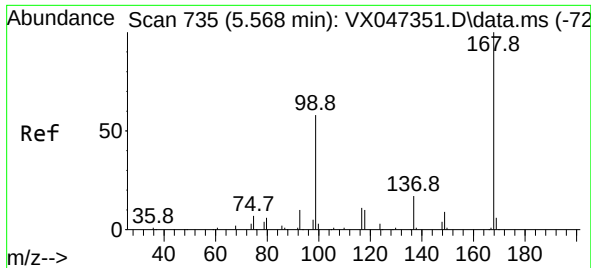
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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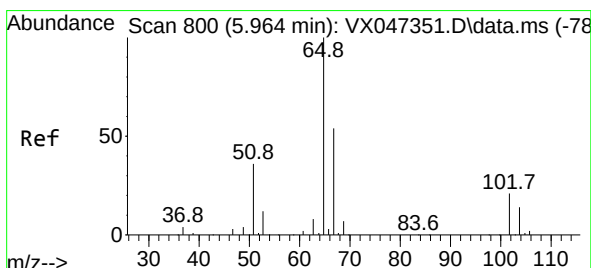
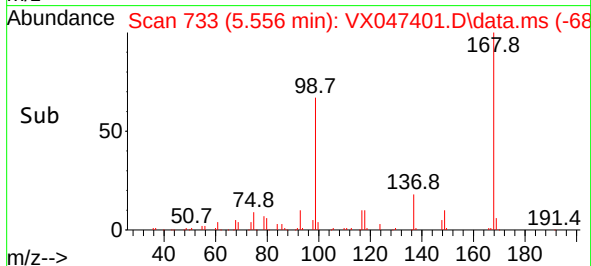
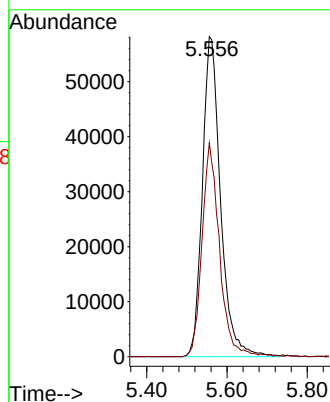
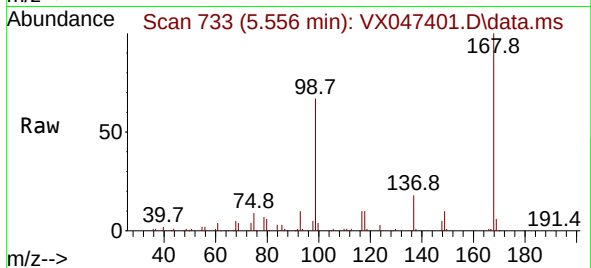




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. -0.012 min
Lab File: VX047401.D
Acq: 19 Aug 2025 10:05

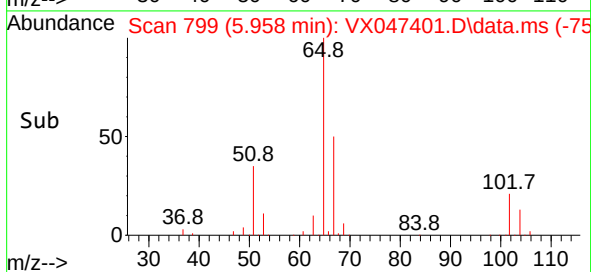
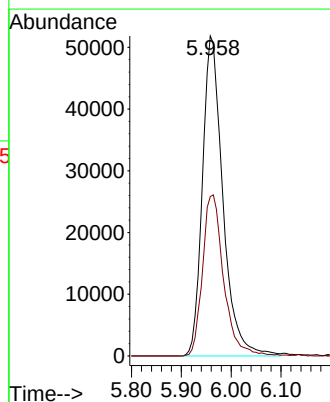
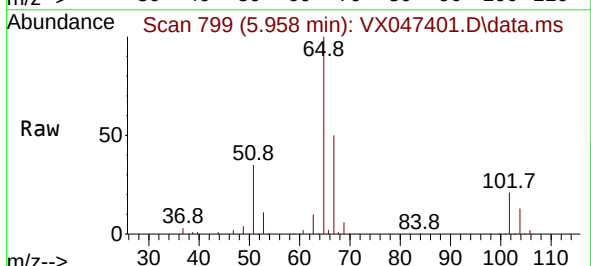
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBL01

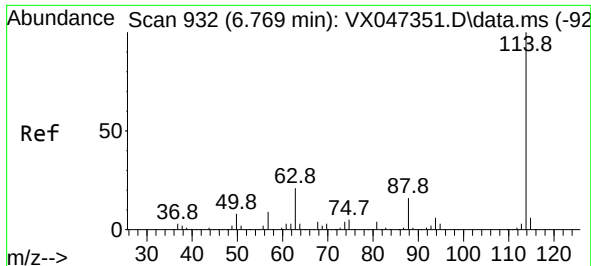
Tgt Ion:168 Resp: 182788
Ion Ratio Lower Upper
168 100
99 66.8 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 57.763 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047401.D
Acq: 19 Aug 2025 10:05

Tgt Ion: 65 Resp: 147768
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.0

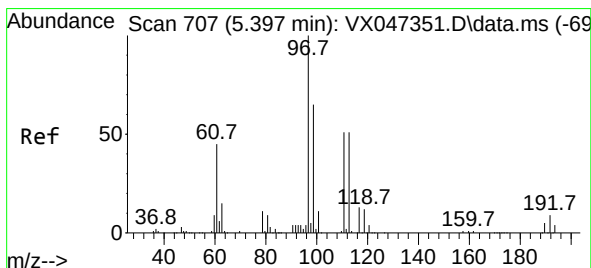
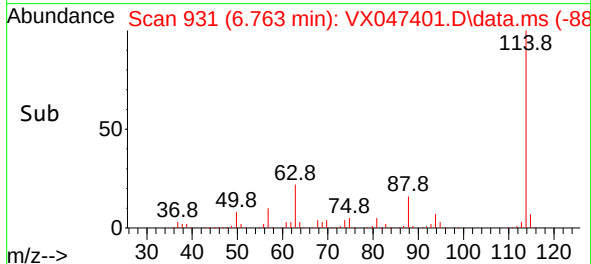
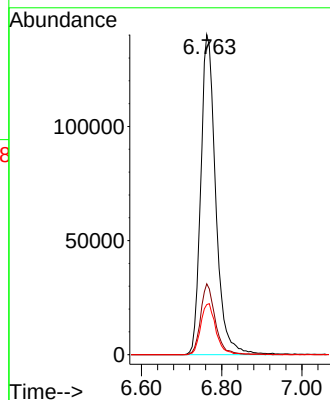
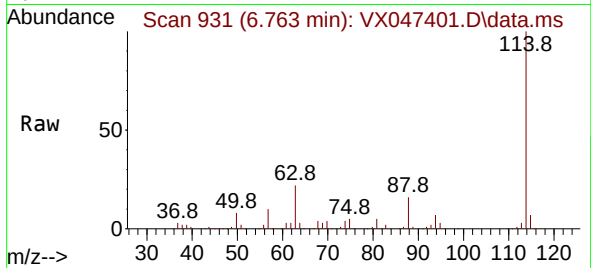




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX047401.D
Acq: 19 Aug 2025 10:05

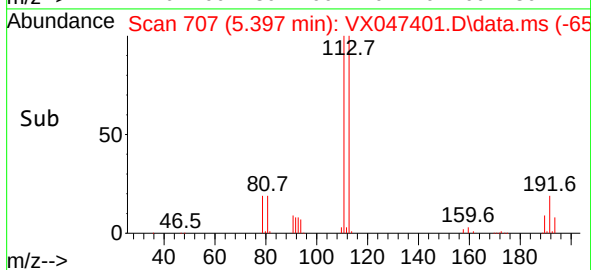
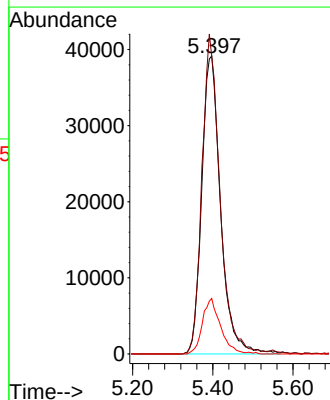
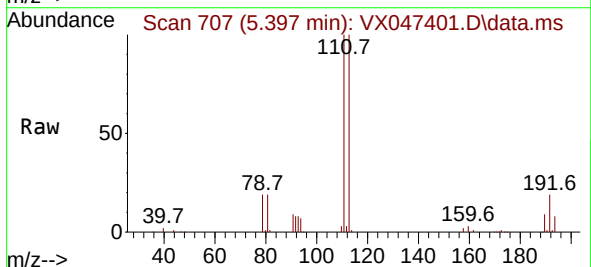
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBL01

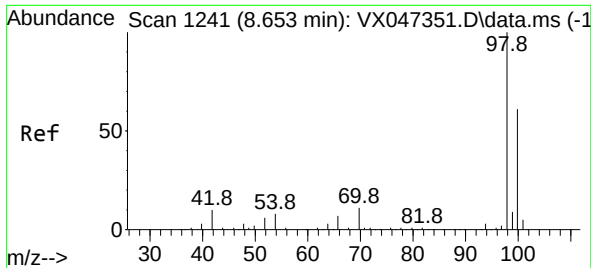
Tgt Ion:114 Resp: 363576
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.4
88 15.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 54.134 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047401.D
Acq: 19 Aug 2025 10:05

Tgt Ion:113 Resp: 127737
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.2
192 17.8 14.1 21.1

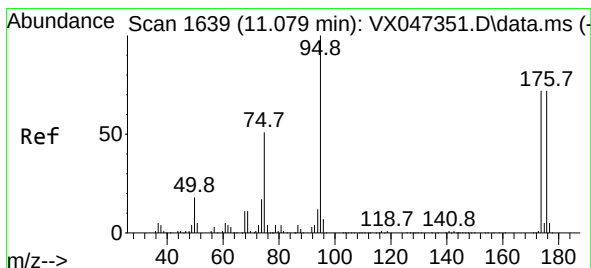
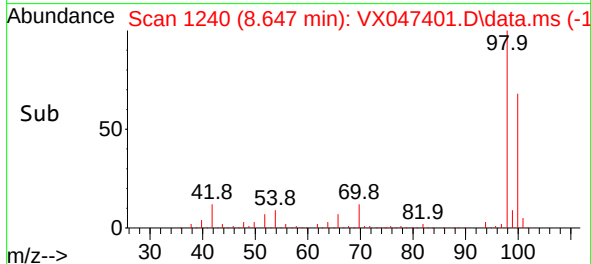
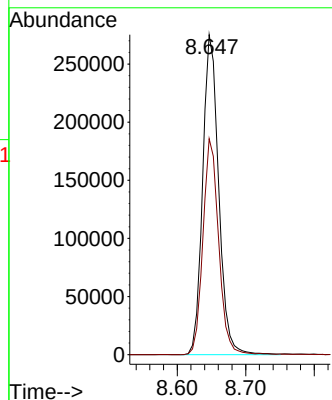
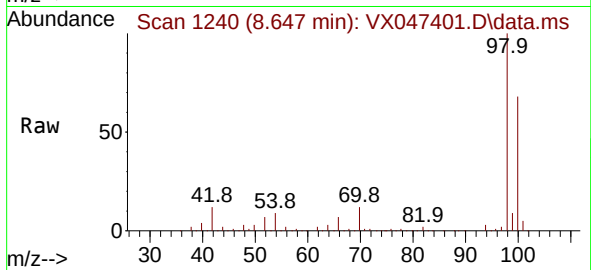




#50
Toluene-d8
Concen: 53.122 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047401.D
Acq: 19 Aug 2025 10:05

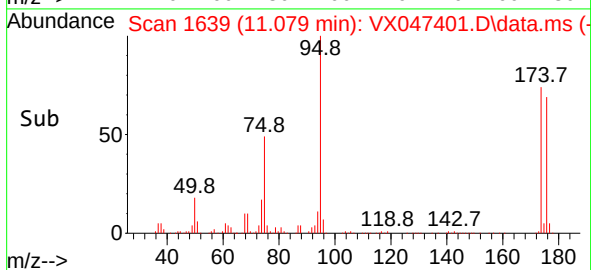
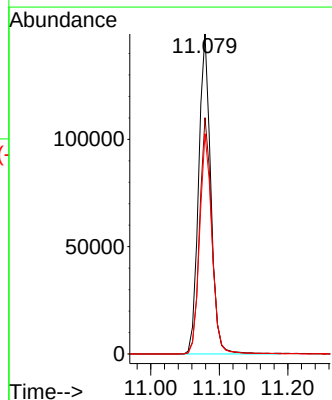
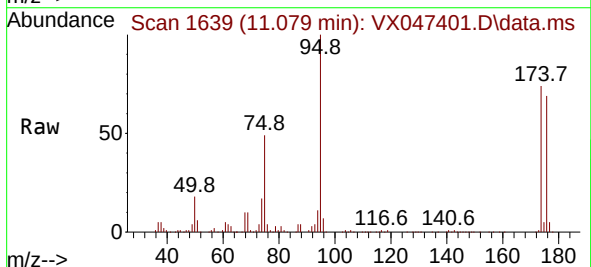
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBL01

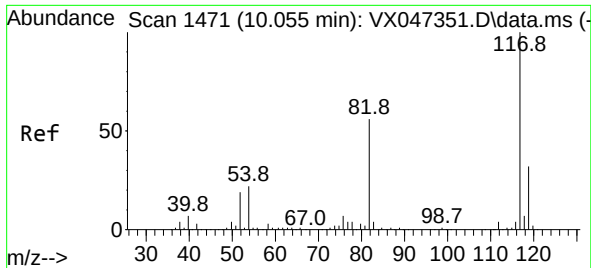
Tgt Ion: 98 Resp: 448031
Ion Ratio Lower Upper
98 100
100 66.4 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 59.177 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047401.D
Acq: 19 Aug 2025 10:05

Tgt Ion: 95 Resp: 184176
Ion Ratio Lower Upper
95 100
174 73.8 0.0 148.0
176 69.9 0.0 145.4

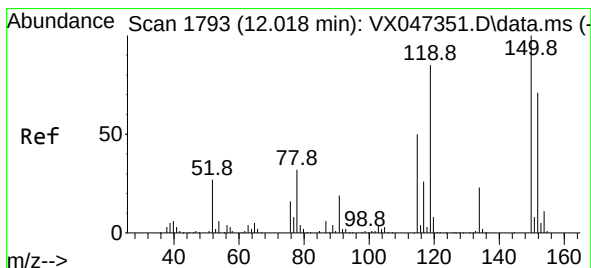
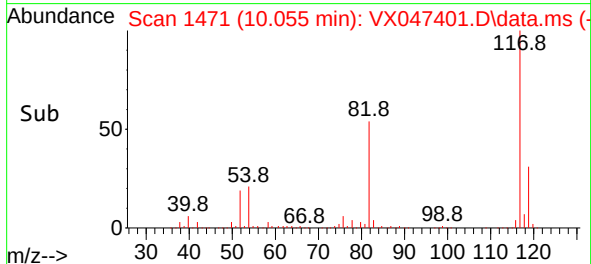
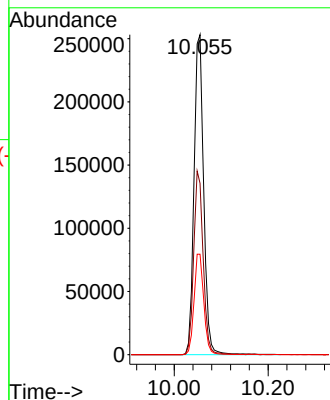
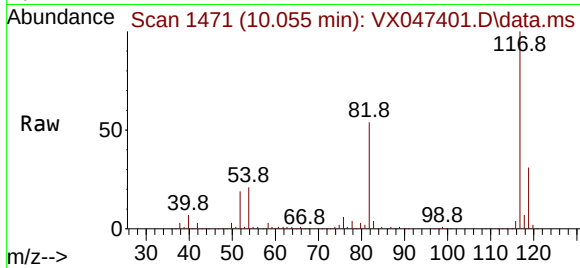




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047401.D
Acq: 19 Aug 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBL01

Tgt Ion:117 Resp: 362613
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 31.4 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: VX047401.D
Acq: 19 Aug 2025 10:05

Tgt Ion:152 Resp: 179617
Ion Ratio Lower Upper
152 100
115 62.2 44.6 133.8
150 154.1 0.0 349.8

