

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
 Data File : VX046841.D
 Acq On : 30 Jun 2025 15:44
 Operator : JC/MD
 Sample : Q2371-05DL 1000X
 Misc : 7.35g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BBX42025DL

Quant Time: Jul 01 05:32:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

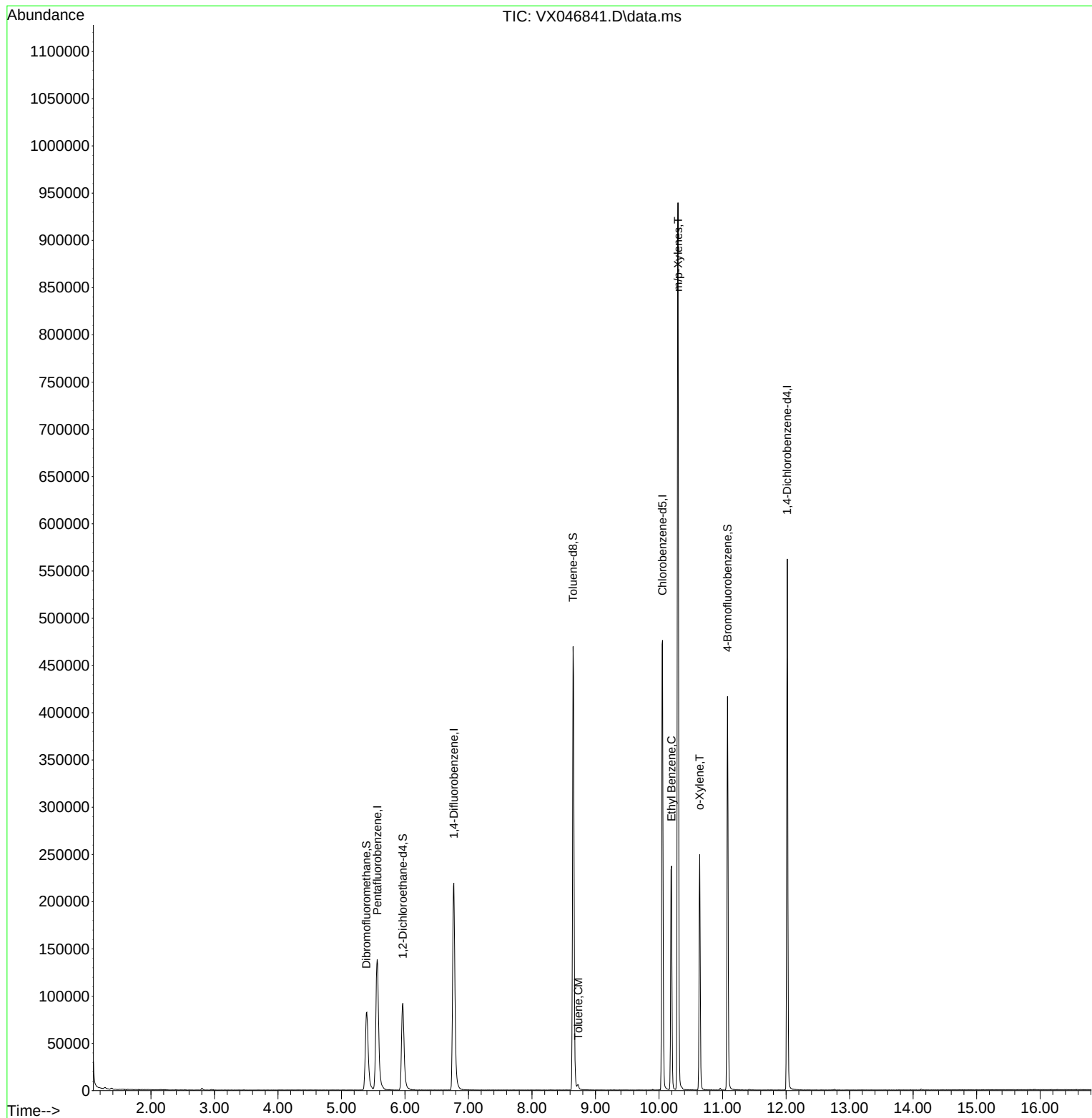
Internal Standards						
1) Pentafluorobenzene	5.562	168	145464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	243053	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	113613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98174	48.794	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.580%
35) Dibromofluoromethane	5.391	113	80730	50.202	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.400%
50) Toluene-d8	8.647	98	290243	50.236	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.480%
62) 4-Bromofluorobenzene	11.079	95	111223	51.643	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.280%
Target Compounds						
					Qvalue	
52) Toluene	8.726	92	2149	0.505	ug/l	100
67) Ethyl Benzene	10.195	91	144648	16.704	ug/l	97
68) m/p-Xylenes	10.299	106	215380	66.752	ug/l	99
69) o-Xylene	10.640	106	52796	17.460	ug/l	98

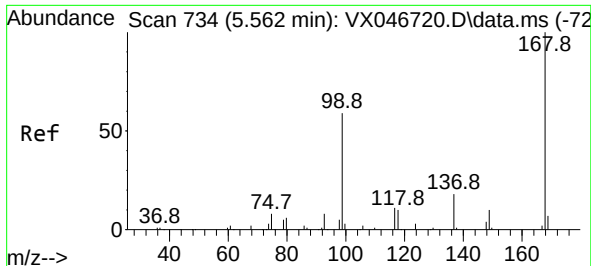
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
Data File : VX046841.D
Acq On : 30 Jun 2025 15:44
Operator : JC/MD
Sample : Q2371-05DL 1000X
Misc : 7.35g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BBX42025DL

Quant Time: Jul 01 05:32:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

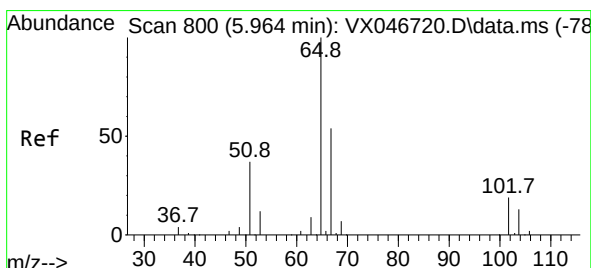
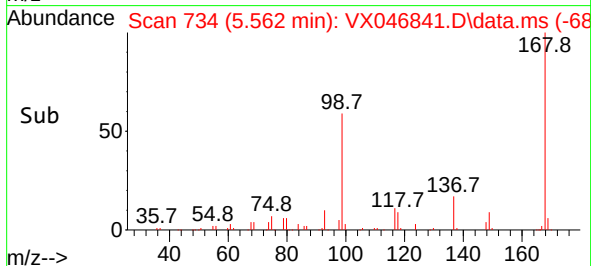
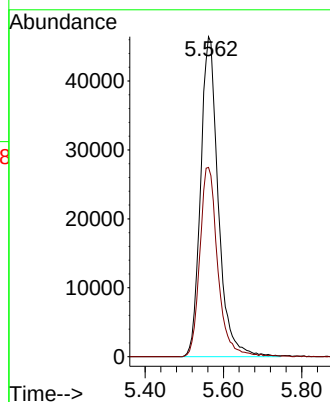
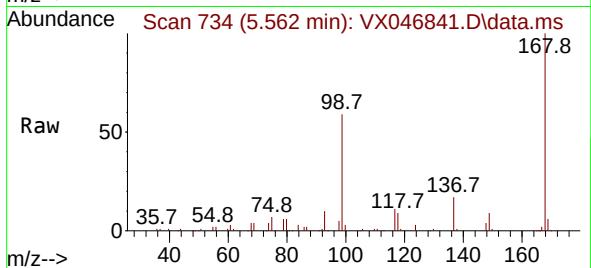




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX046841.D
Acq: 30 Jun 2025 15:44

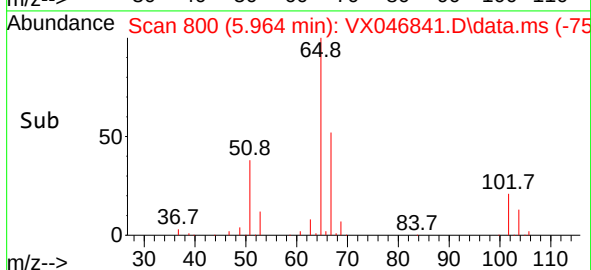
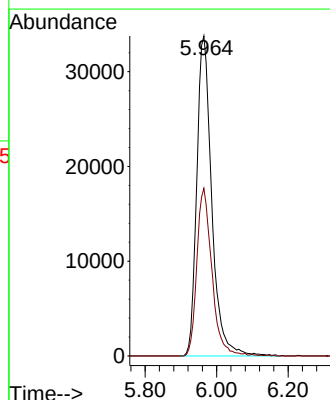
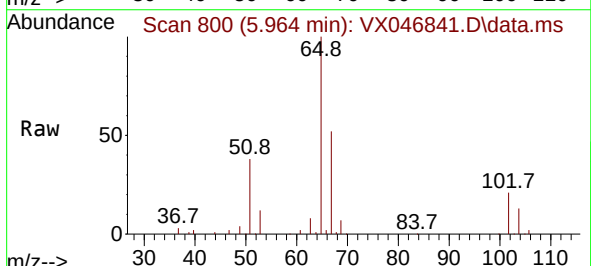
Instrument :
MSVOA_X
ClientSampleId :
BBX42025DL

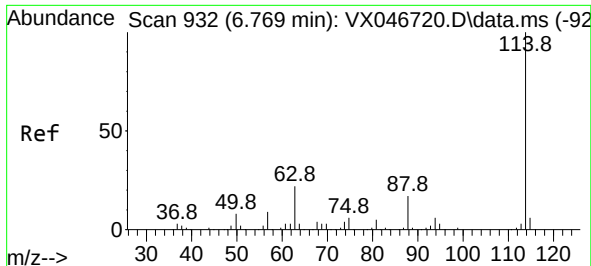
Tgt Ion:168 Resp: 145464
Ion Ratio Lower Upper
168 100
99 59.1 48.5 72.7



#33
1,2-Dichloroethane-d4
Concen: 48.794 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046841.D
Acq: 30 Jun 2025 15:44

Tgt Ion: 65 Resp: 98174
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

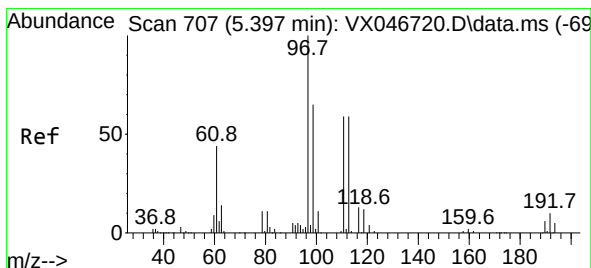
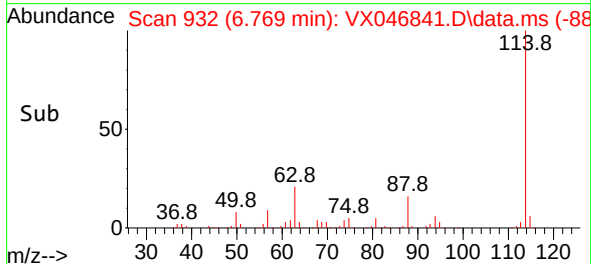
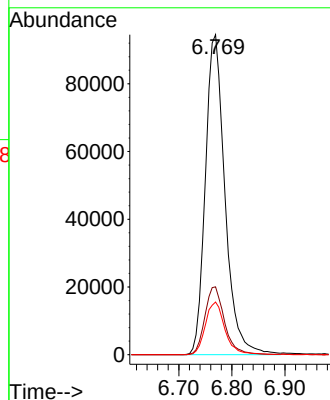
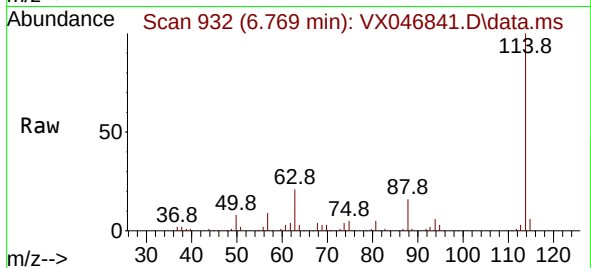




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046841.D
Acq: 30 Jun 2025 15:44

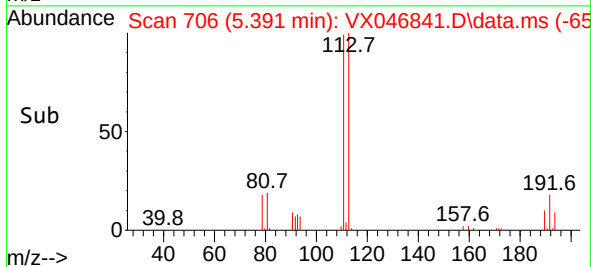
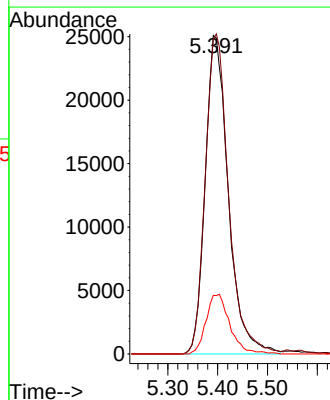
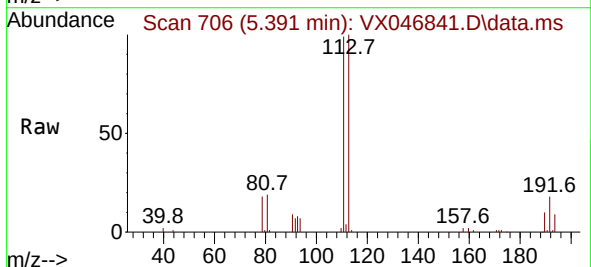
Instrument :
MSVOA_X
ClientSampleId :
BBX42025DL

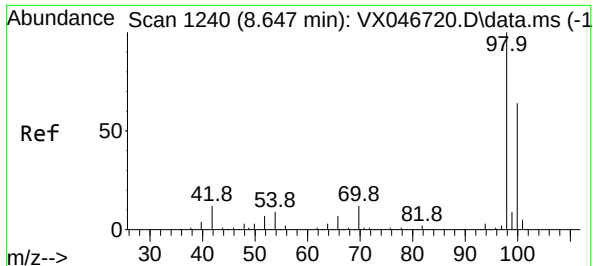
Tgt Ion:114 Resp: 243053
Ion Ratio Lower Upper
114 100
63 21.2 0.0 44.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.202 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046841.D
Acq: 30 Jun 2025 15:44

Tgt Ion:113 Resp: 80730
Ion Ratio Lower Upper
113 100
111 101.7 82.0 123.0
192 19.3 15.3 22.9

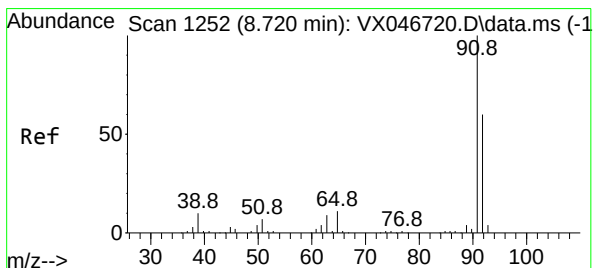
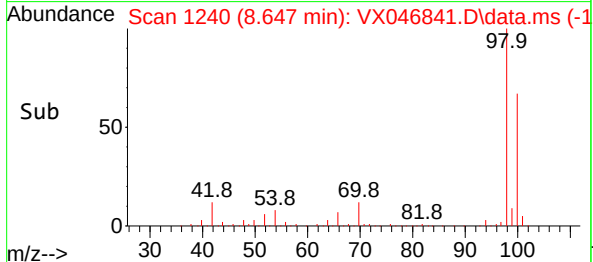
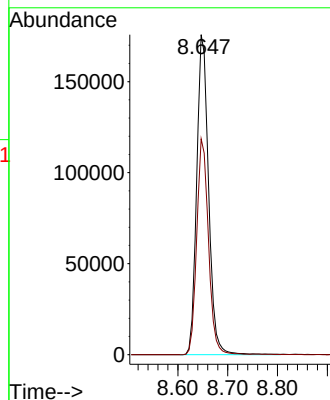
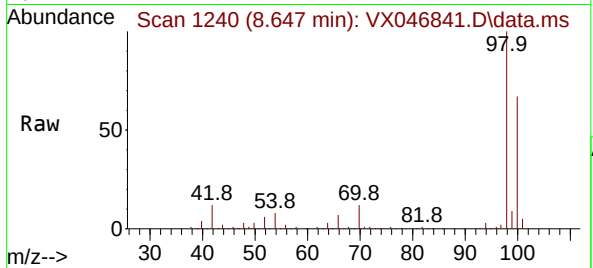




#50
Toluene-d8
Concen: 50.236 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046841.D
Acq: 30 Jun 2025 15:44

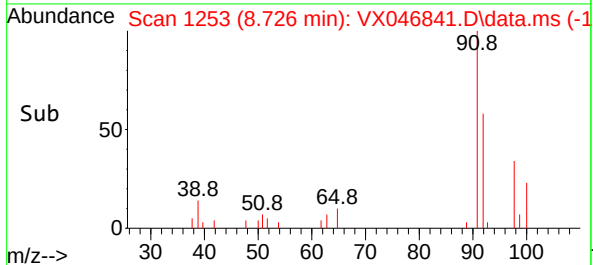
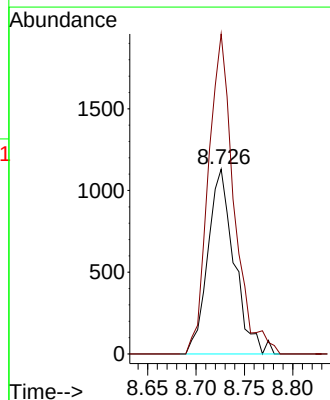
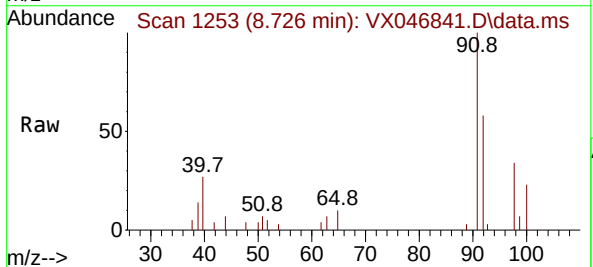
Instrument :
MSVOA_X
ClientSampleId :
BBX42025DL

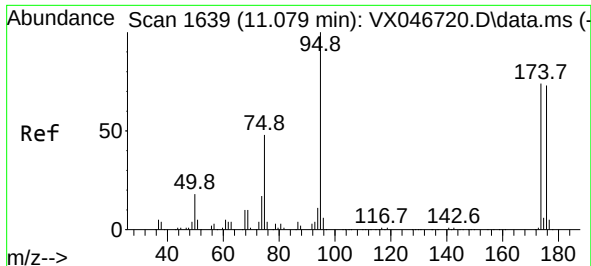
Tgt Ion: 98 Resp: 290243
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#52
Toluene
Concen: 0.505 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX046841.D
Acq: 30 Jun 2025 15:44

Tgt Ion: 92 Resp: 2149
Ion Ratio Lower Upper
92 100
91 168.0 134.8 202.2





#62

4-Bromofluorobenzene

Concen: 51.643 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046841.D

Acq: 30 Jun 2025 15:44

Instrument :

MSVOA_X

ClientSampleId :

BBX42025DL

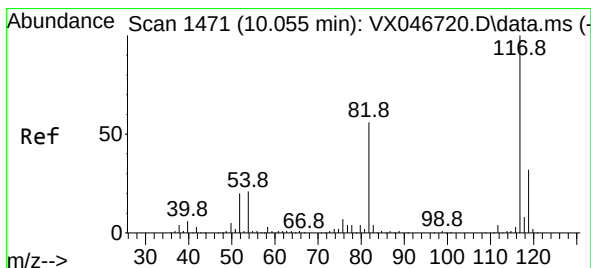
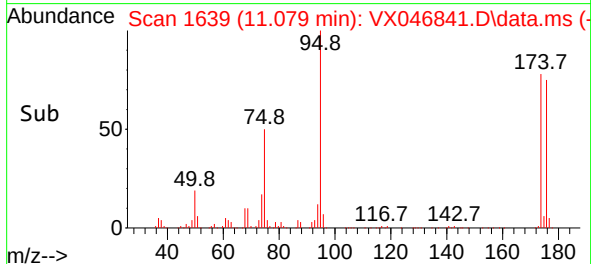
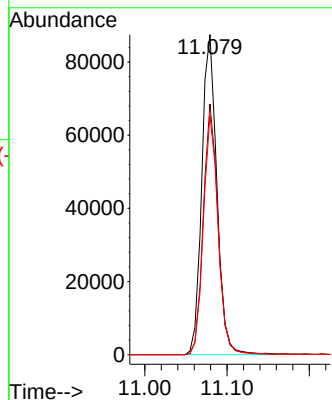
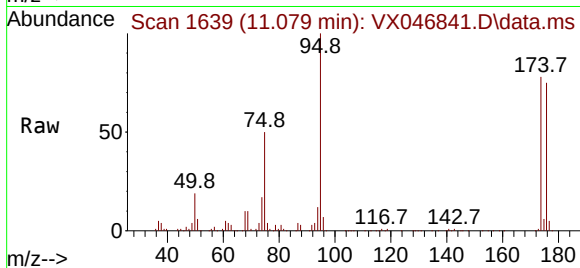
Tgt Ion: 95 Resp: 111223

Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.4

176 73.4 0.0 145.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX046841.D

Acq: 30 Jun 2025 15:44

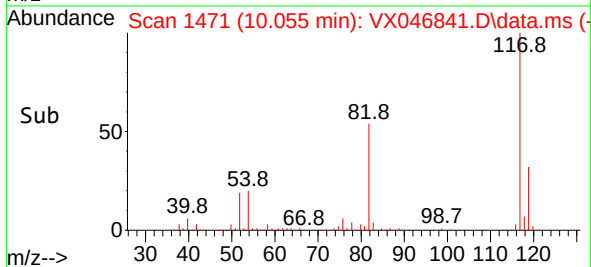
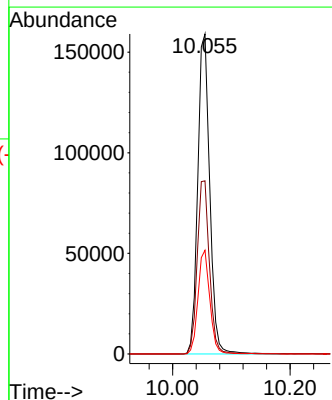
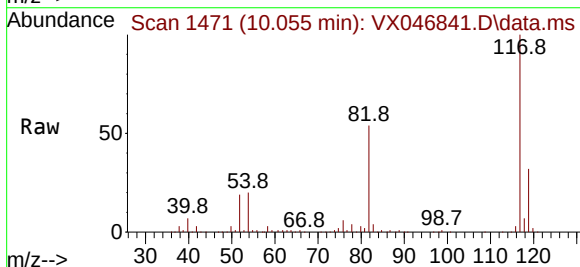
Tgt Ion: 117 Resp: 224512

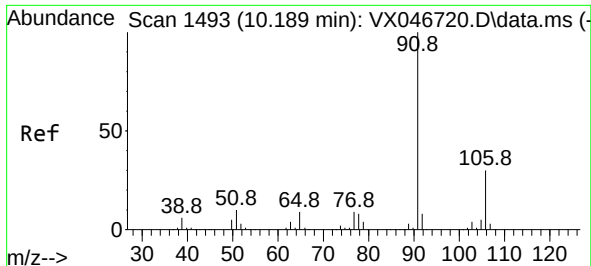
Ion Ratio Lower Upper

117 100

82 54.1 44.6 66.8

119 32.4 25.8 38.8

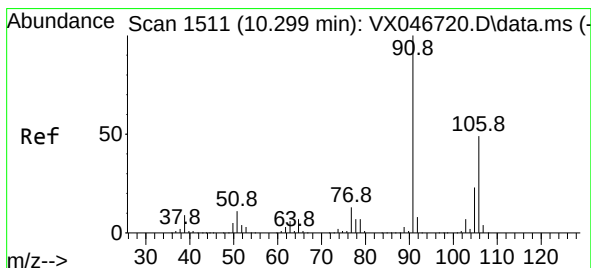
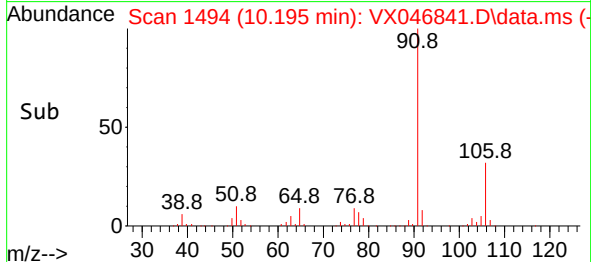
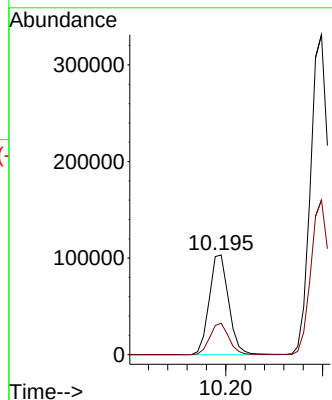
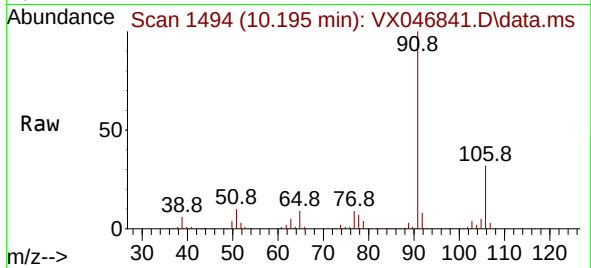




#67
Ethyl Benzene
Concen: 16.704 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX046841.D
Acq: 30 Jun 2025 15:44

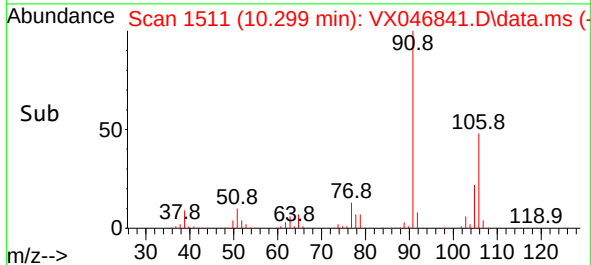
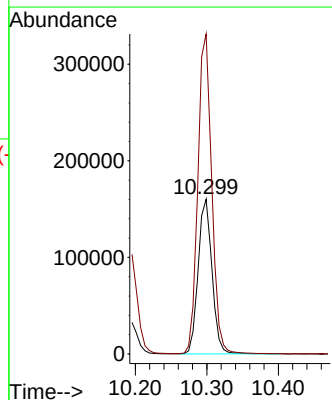
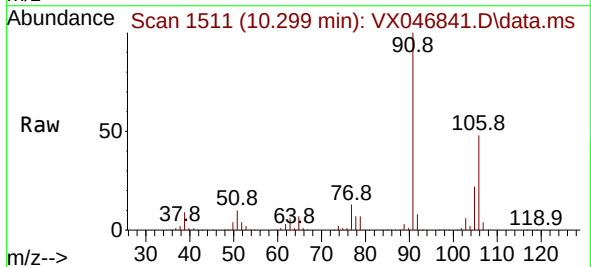
Instrument :
MSVOA_X
ClientSampleId :
BBX42025DL

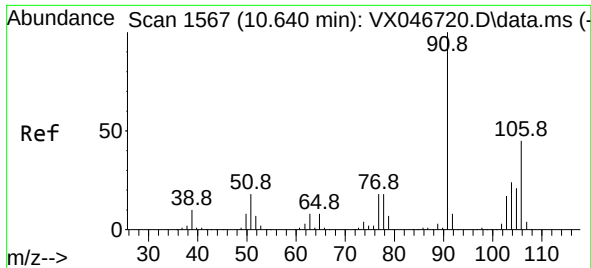
Tgt Ion: 91 Resp: 144648
Ion Ratio Lower Upper
91 100
106 31.6 24.2 36.2



#68
m/p-Xylenes
Concen: 66.752 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046841.D
Acq: 30 Jun 2025 15:44

Tgt Ion:106 Resp: 215380
Ion Ratio Lower Upper
106 100
91 207.8 164.8 247.2

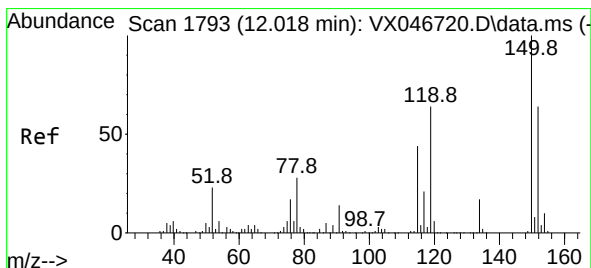
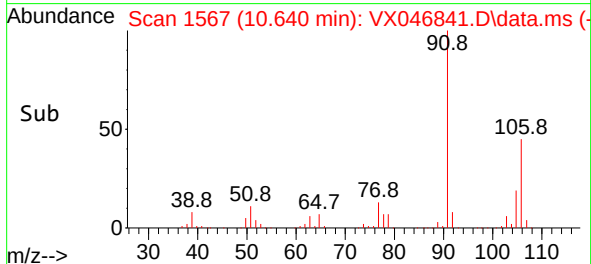
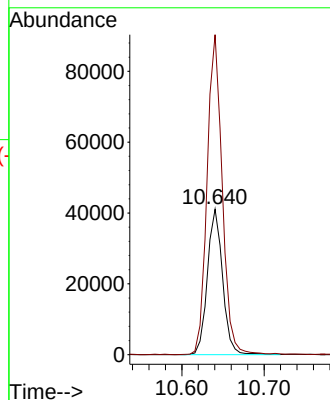
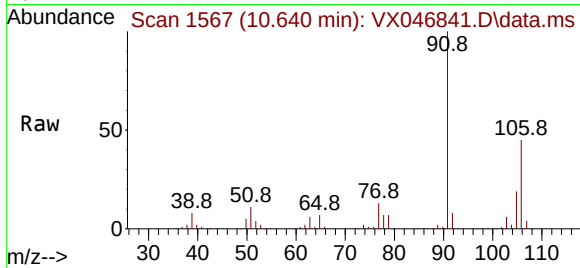




#69
o-Xylene
Concen: 17.460 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046841.D
Acq: 30 Jun 2025 15:44

Instrument :
MSVOA_X
ClientSampleId :
BBX42025DL

Tgt Ion:106 Resp: 52796
Ion Ratio Lower Upper
106 100
91 220.1 111.3 333.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046841.D
Acq: 30 Jun 2025 15:44

Tgt Ion:152 Resp: 113613
Ion Ratio Lower Upper
152 100
115 60.0 43.2 129.6
150 157.2 0.0 346.8

