

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
 Data File : VX046840.D
 Acq On : 30 Jun 2025 15:23
 Operator : JC/MD
 Sample : Q2371-04DL 400X
 Misc : 6.82g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RPXY42025DL

Quant Time: Jul 01 05:31:44 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)

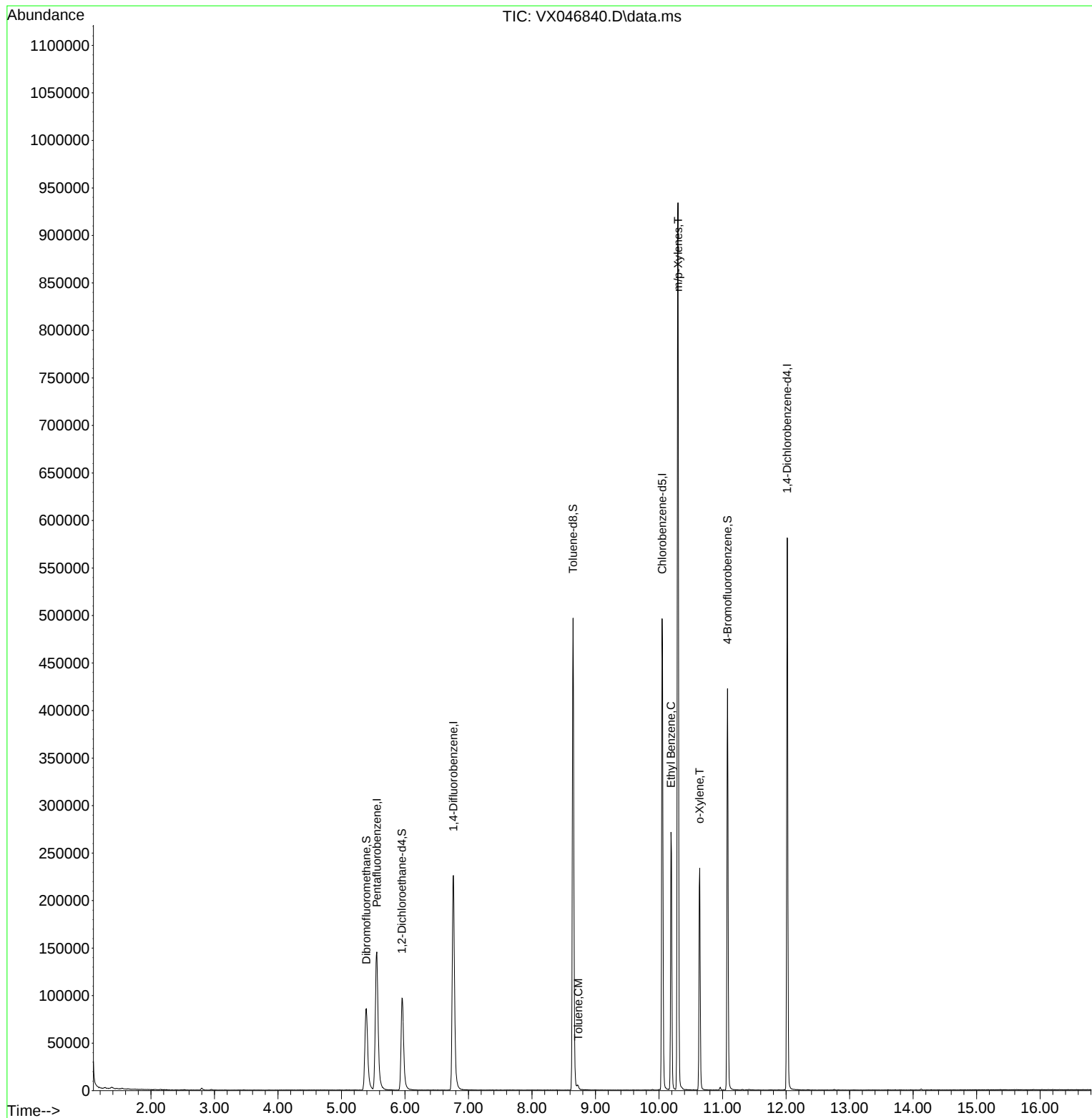
Internal Standards						
1) Pentafluorobenzene	5.556	168	151908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	231677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	118010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101373	48.246	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.500%		
35) Dibromofluoromethane	5.391	113	84030	49.998	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.000%		
50) Toluene-d8	8.647	98	301265	49.893	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.780%		
62) 4-Bromofluorobenzene	11.079	95	115813	51.453	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.900%		
Target Compounds						
52) Toluene	8.726	92	2148	0.483	ug/l	93
67) Ethyl Benzene	10.189	91	162440	18.179	ug/l	100
68) m/p-Xylenes	10.299	106	219965	66.064	ug/l	99
69) o-Xylene	10.640	106	51919	16.639	ug/l	97

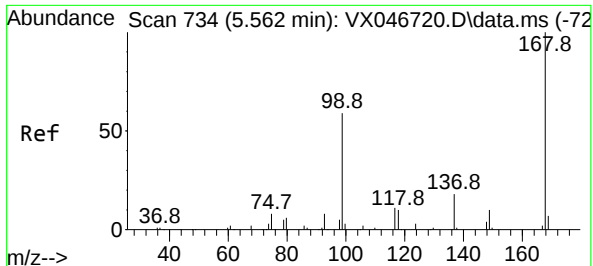
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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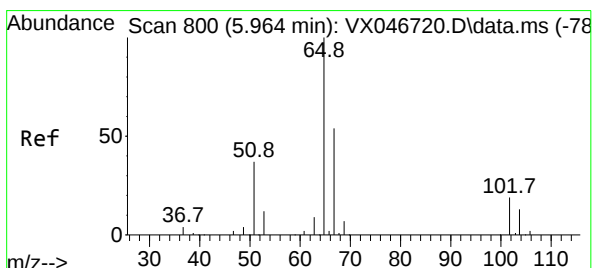
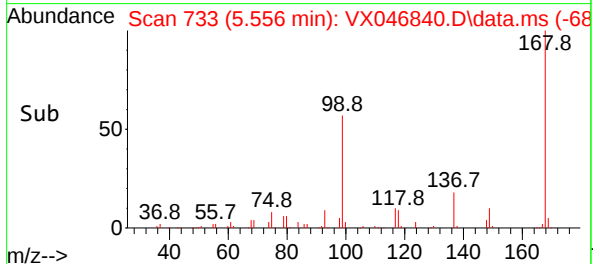
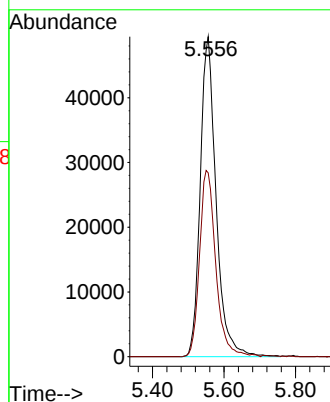
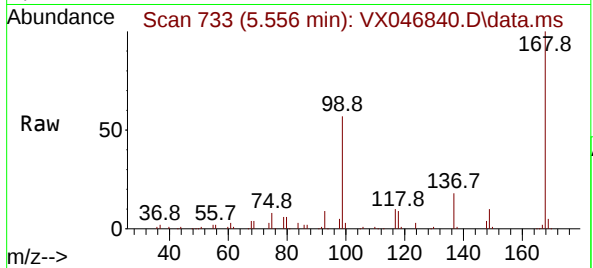




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

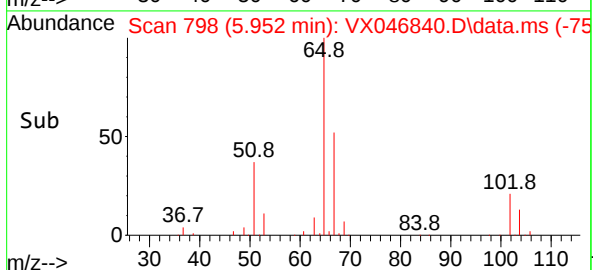
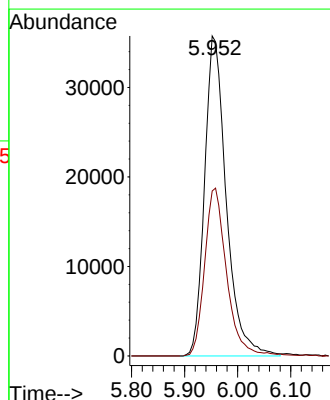
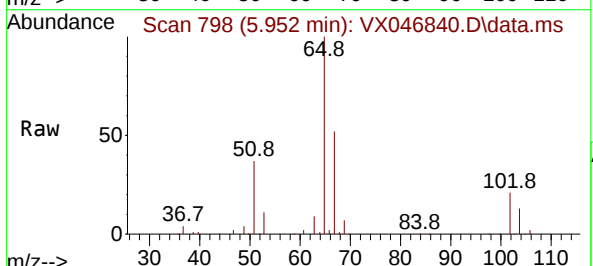
Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

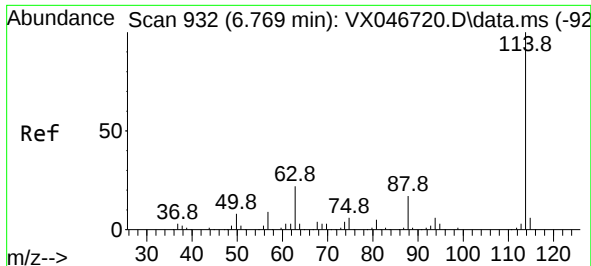
Tgt Ion:168 Resp: 151908
Ion Ratio Lower Upper
168 100
99 57.4 48.5 72.7



#33
1,2-Dichloroethane-d4
Concen: 48.246 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.012 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 65 Resp: 101373
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4

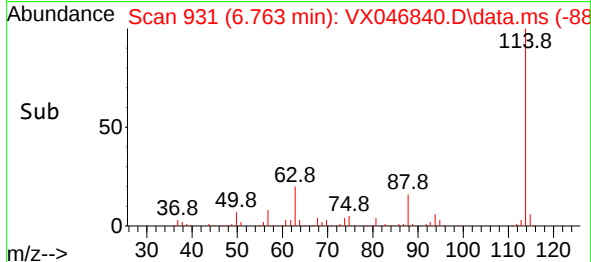
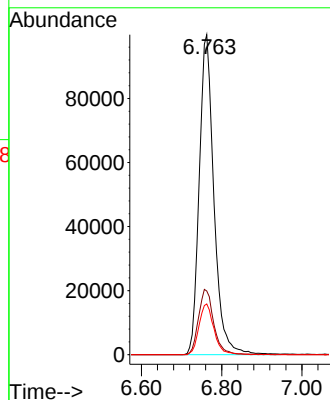
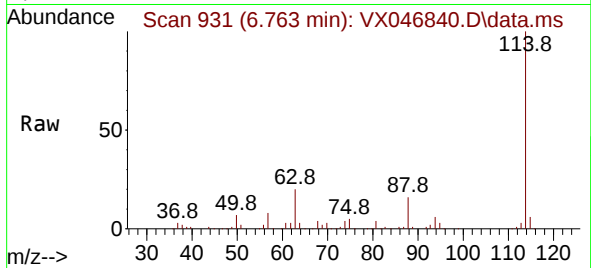




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VX046840.D
 Acq: 30 Jun 2025 15:23

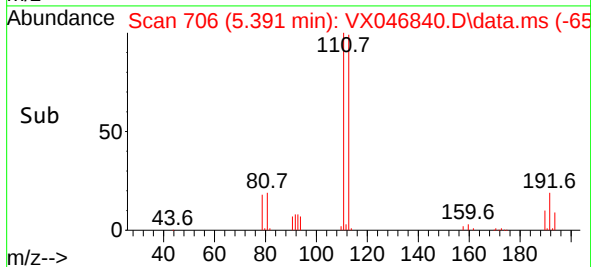
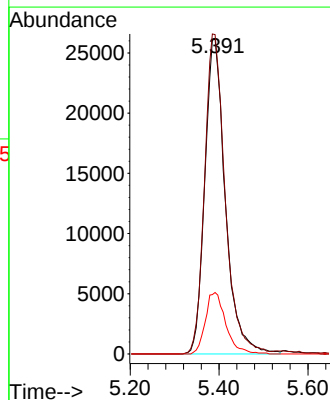
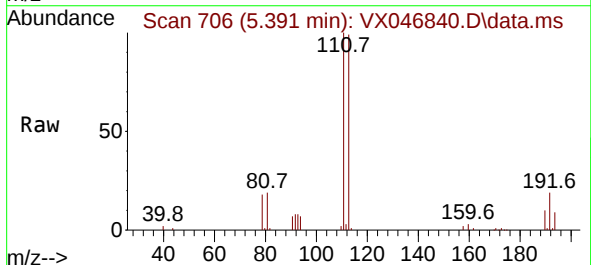
Instrument :
 MSVOA_X
 ClientSampleId :
 RPXY42025DL

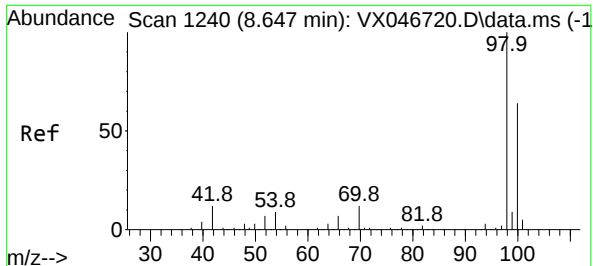
Tgt Ion:114 Resp: 254019
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 44.2
 88 15.8 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 49.998 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. -0.006 min
 Lab File: VX046840.D
 Acq: 30 Jun 2025 15:23

Tgt Ion:113 Resp: 84030
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.0 123.0
 192 19.5 15.3 22.9

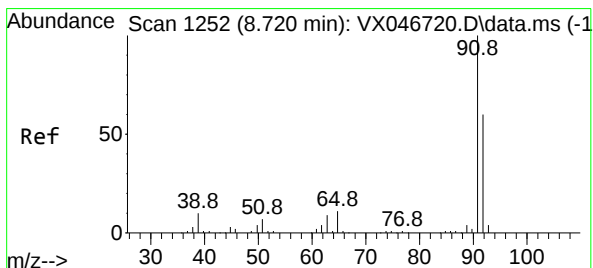
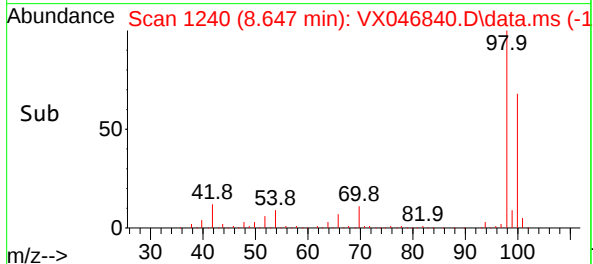
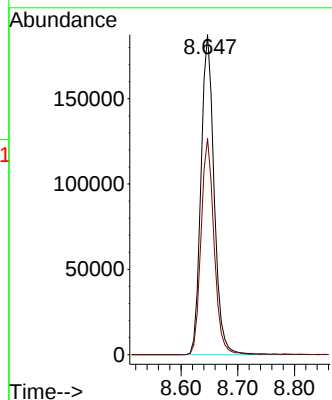
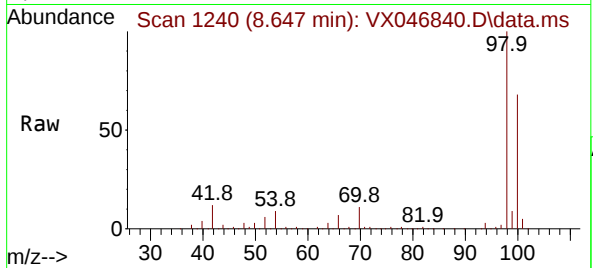




#50
Toluene-d8
Concen: 49.893 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

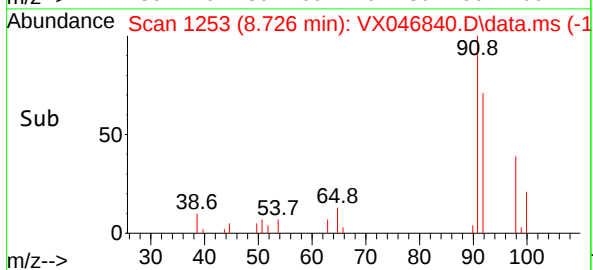
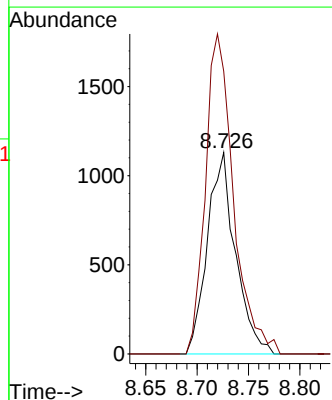
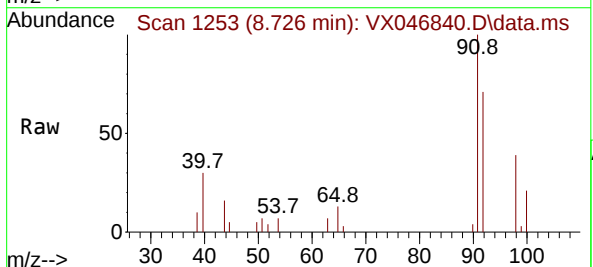
Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

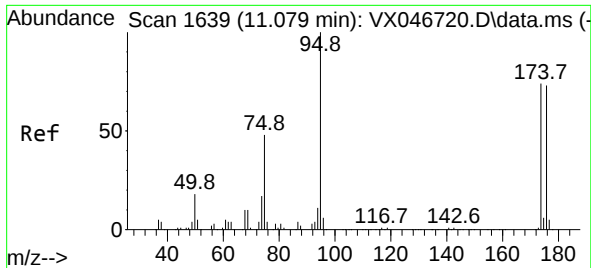
Tgt Ion: 98 Resp: 301265
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#52
Toluene
Concen: 0.483 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 92 Resp: 2148
Ion Ratio Lower Upper
92 100
91 158.7 134.8 202.2

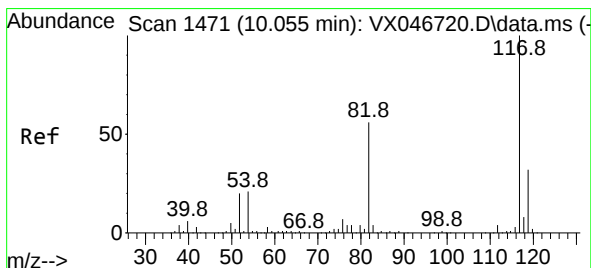
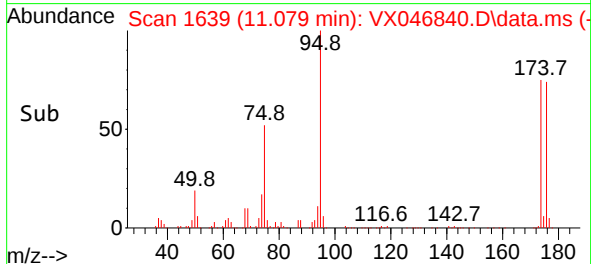
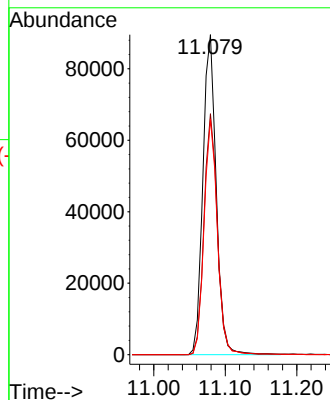
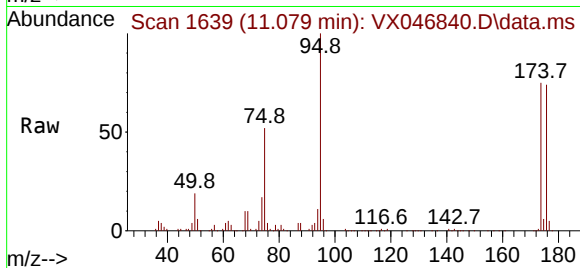




#62
4-Bromofluorobenzene
Concen: 51.453 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

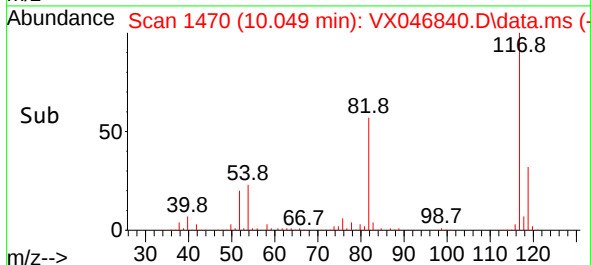
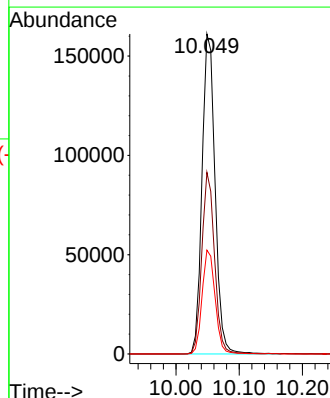
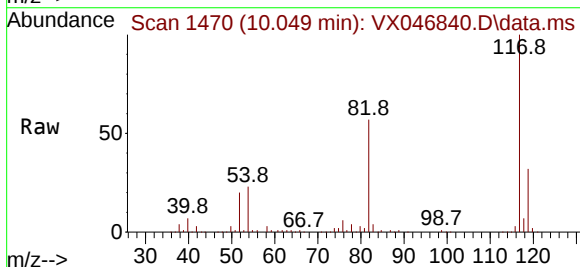
Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

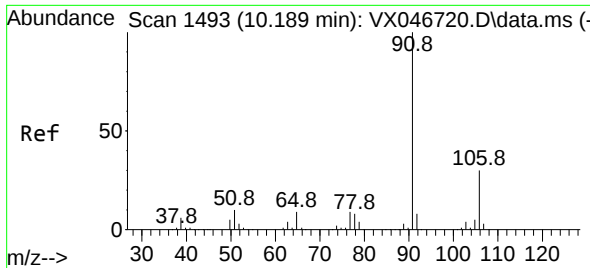
Tgt Ion: 95 Resp: 115813
Ion Ratio Lower Upper
95 100
174 76.0 0.0 150.4
176 73.4 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 117 Resp: 231677
Ion Ratio Lower Upper
117 100
82 56.8 44.6 66.8
119 32.4 25.8 38.8

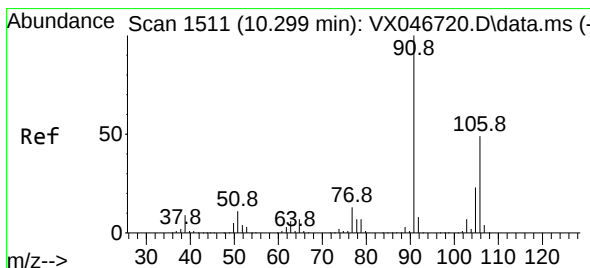
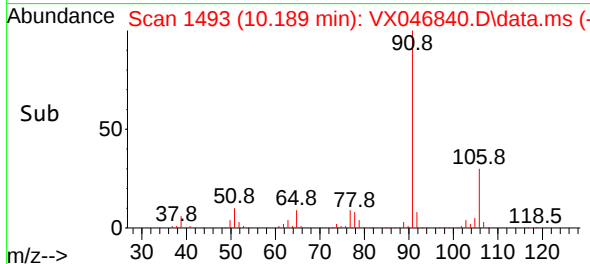
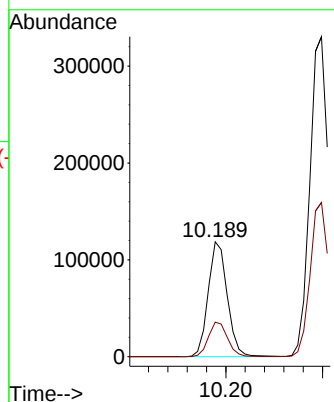
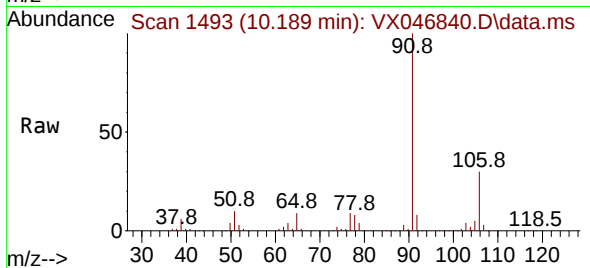




#67
Ethyl Benzene
Concen: 18.179 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

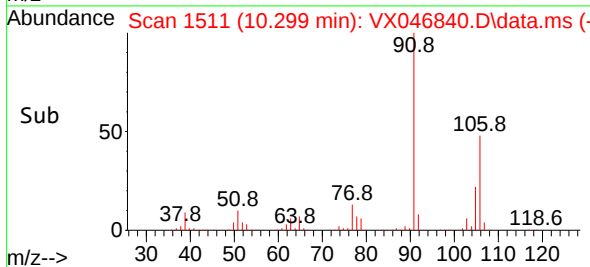
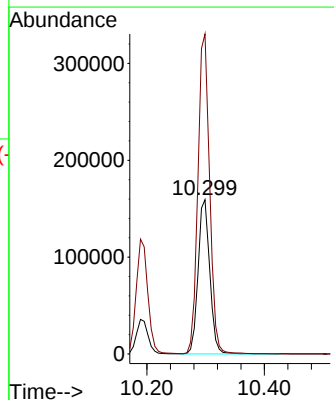
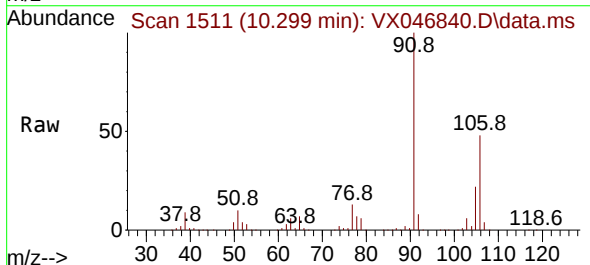
Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

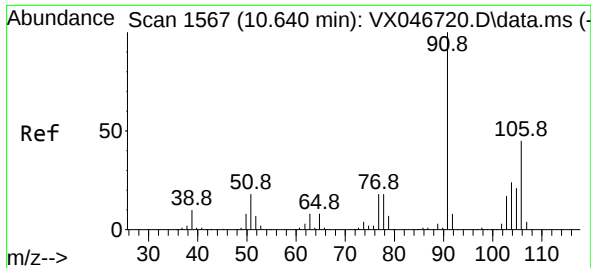
Tgt Ion: 91 Resp: 162440
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.2



#68
m/p-Xylenes
Concen: 66.064 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

Tgt Ion:106 Resp: 219965
Ion Ratio Lower Upper
106 100
91 207.9 164.8 247.2

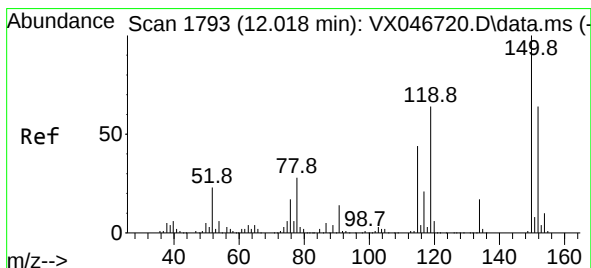
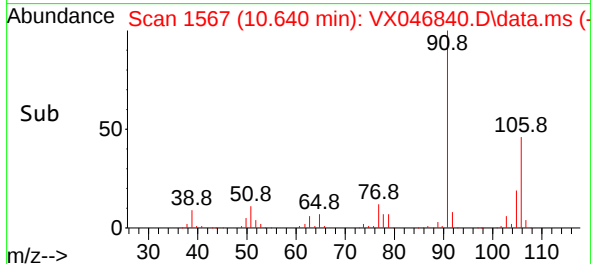
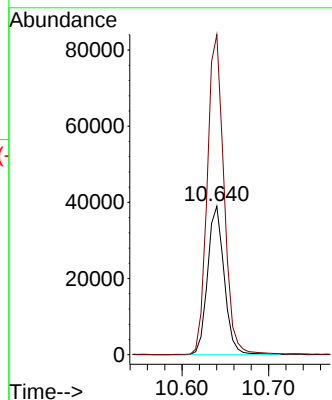
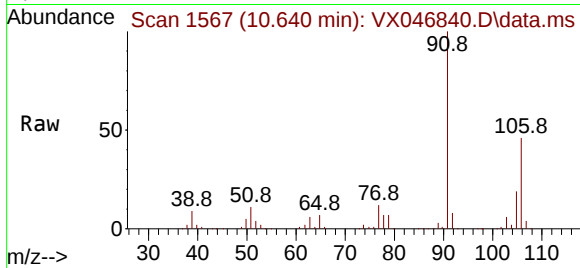




#69
o-Xylene
Concen: 16.639 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

Tgt Ion:106 Resp: 51919
Ion Ratio Lower Upper
106 100
91 217.3 111.3 333.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

Tgt Ion:152 Resp: 118010
Ion Ratio Lower Upper
152 100
115 60.1 43.2 129.6
150 157.5 0.0 346.8

