

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045823.D
 Acq On : 17 Apr 2025 13:12
 Operator : JC/MD
 Sample : Q1818-07 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 3651

Quant Time: Apr 18 03:37:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

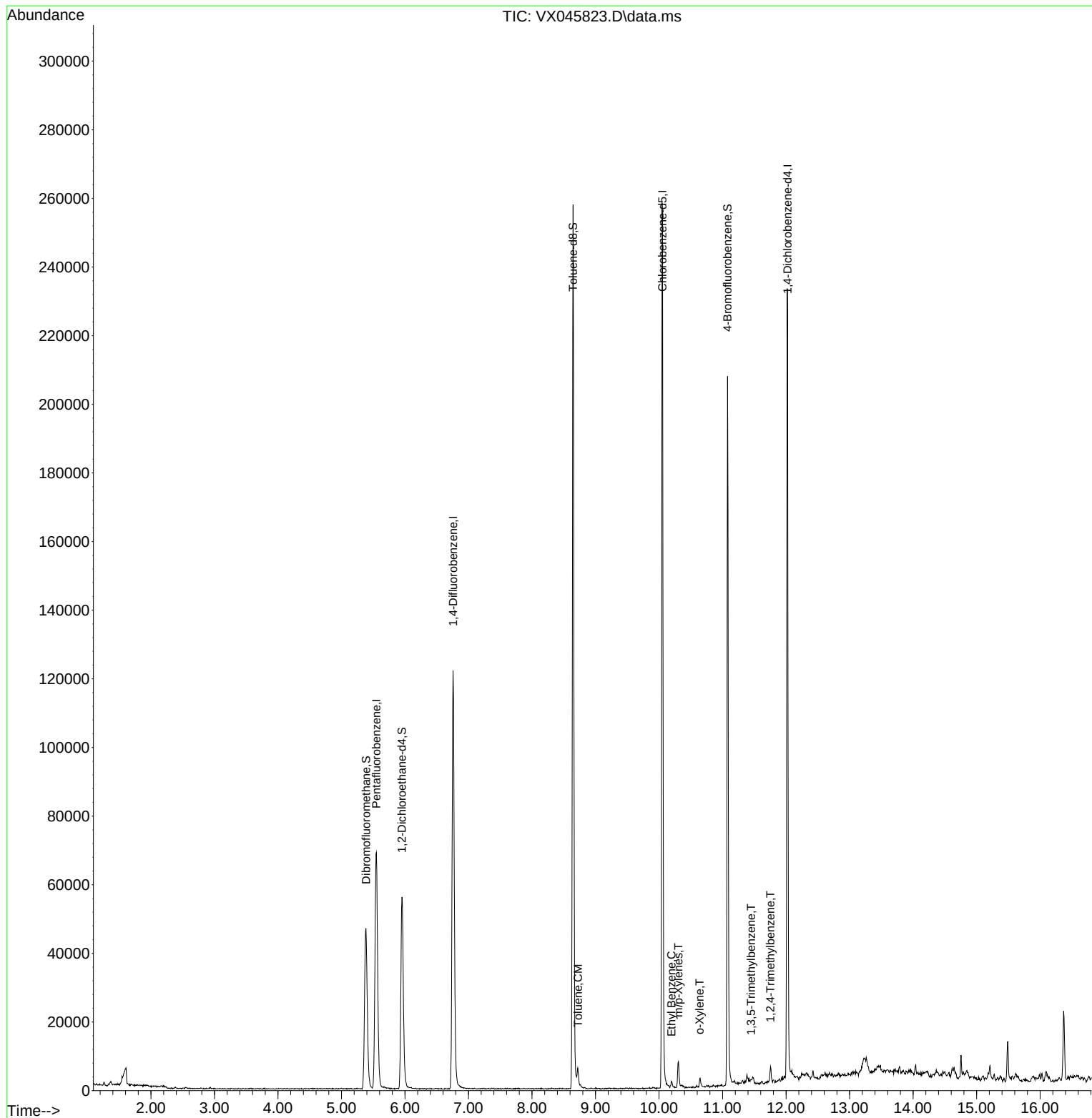
Internal Standards						
1) Pentafluorobenzene	5.550	168	59360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	116171	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59010	54.360	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.720%			
35) Dibromofluoromethane	5.385	113	41496	50.345	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.680%			
50) Toluene-d8	8.647	98	147797	51.374	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.740%			
62) 4-Bromofluorobenzene	11.079	95	54593	52.097	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.200%			
Target Compounds						
52) Toluene	8.726	92	1859	0.904	ug/l	95
67) Ethyl Benzene	10.195	91	1494	0.364	ug/l	93
68) m/p-Xylenes	10.305	106	2188	1.465	ug/l	98
69) o-Xylene	10.640	106	638	0.434	ug/l	68
80) 1,3,5-Trimethylbenzene	11.451	105	931	0.311	ug/l	77
84) 1,2,4-Trimethylbenzene	11.756	105	2645	0.880	ug/l	88

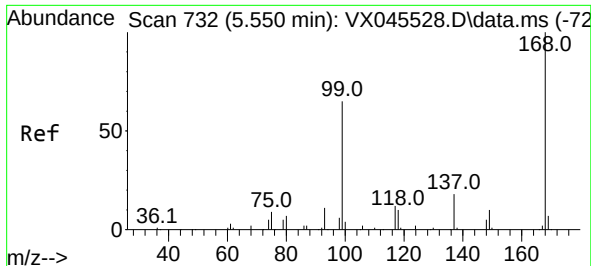
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
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Sample : Q1818-07 50X
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ALS Vial : 8 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
3651

Quant Time: Apr 18 03:37:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

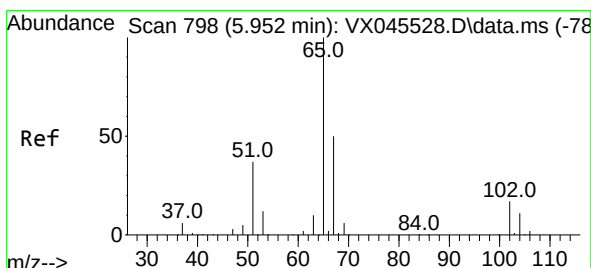
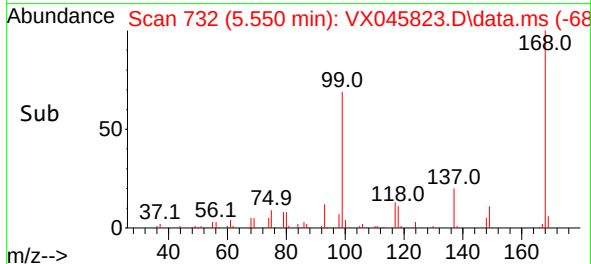
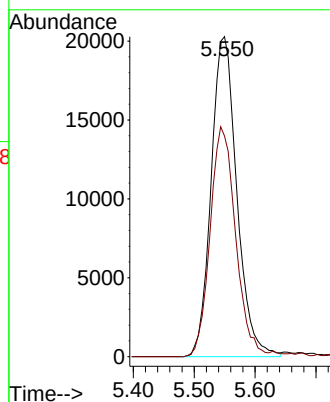
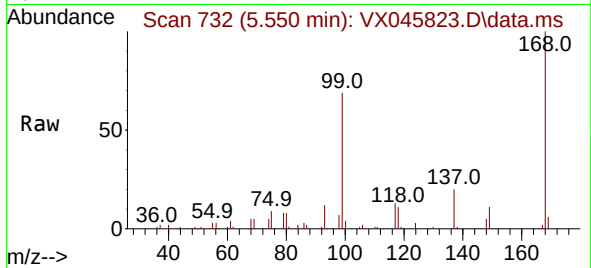




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045823.D
Acq: 17 Apr 2025 13:12

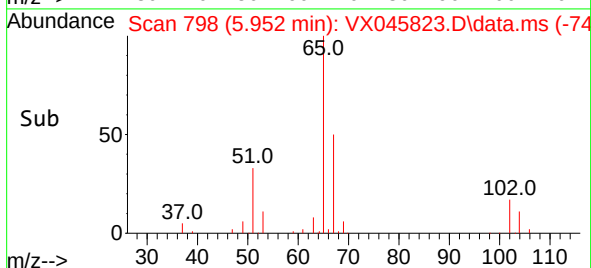
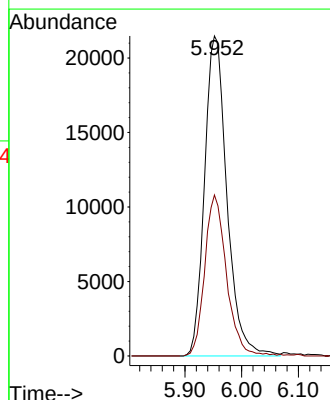
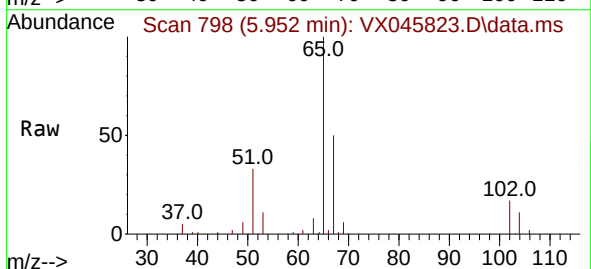
Instrument :
MSVOA_X
ClientSampleId :
3651

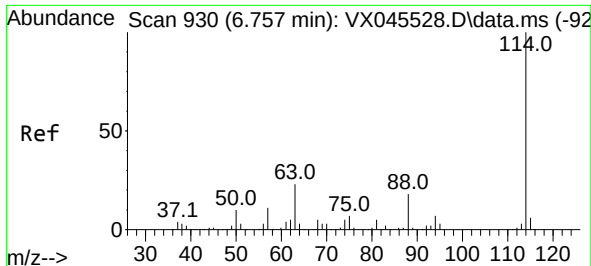
Tgt Ion:168 Resp: 59360
Ion Ratio Lower Upper
168 100
99 69.0 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 54.360 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045823.D
Acq: 17 Apr 2025 13:12

Tgt Ion: 65 Resp: 59010
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.0

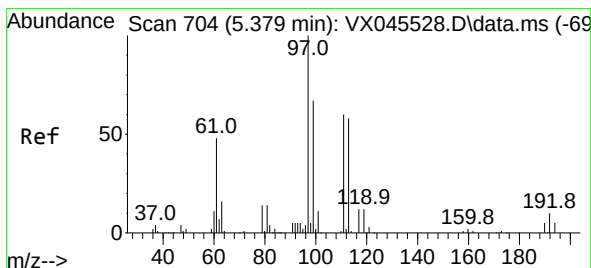
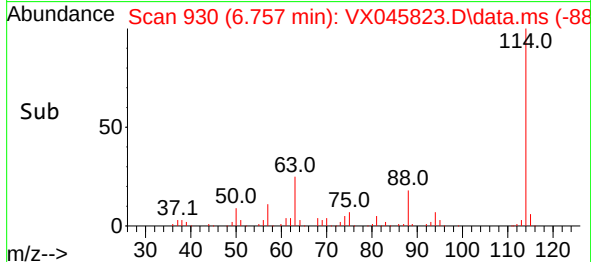
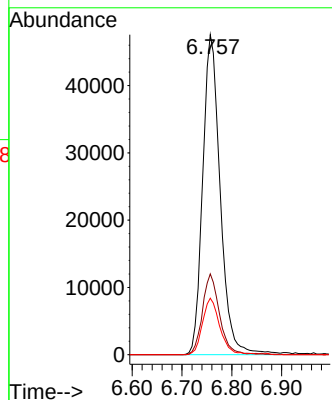
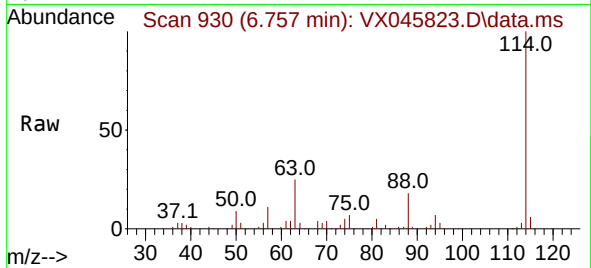




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045823.D
Acq: 17 Apr 2025 13:12

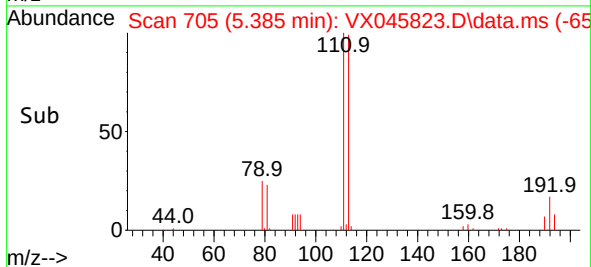
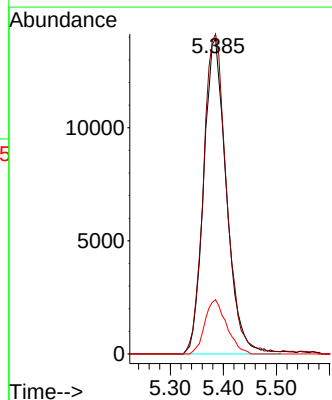
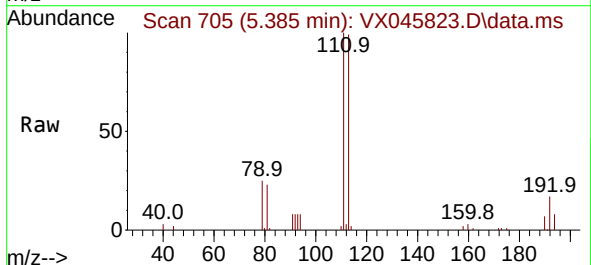
Instrument :
MSVOA_X
ClientSampleId :
3651

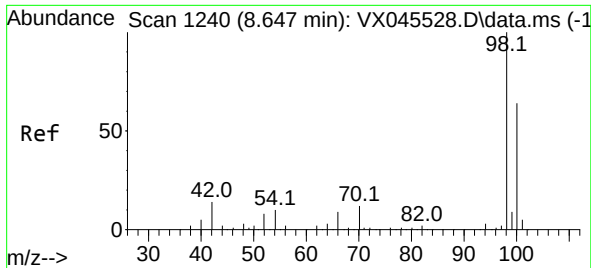
Tgt Ion:114 Resp: 116171
Ion Ratio Lower Upper
114 100
63 25.2 0.0 46.8
88 17.7 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.345 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045823.D
Acq: 17 Apr 2025 13:12

Tgt Ion:113 Resp: 41496
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 16.5 13.8 20.6

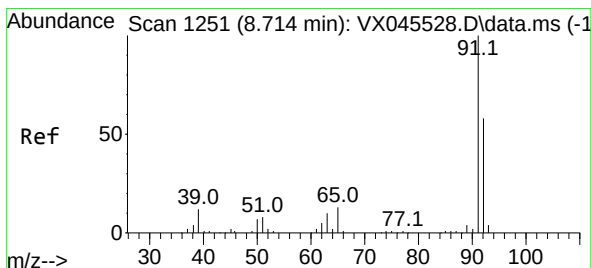
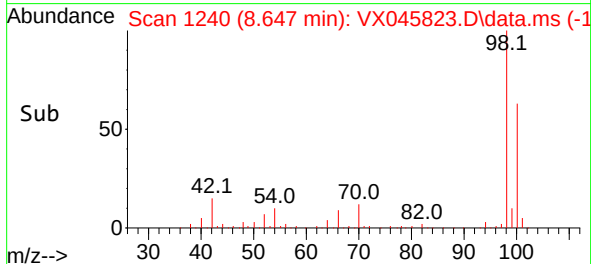
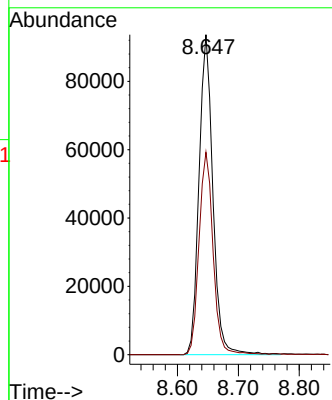
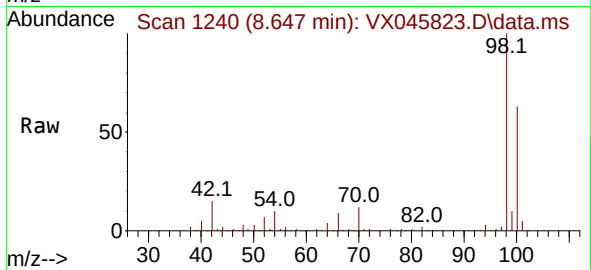




#50
Toluene-d8
Concen: 51.374 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045823.D
Acq: 17 Apr 2025 13:12

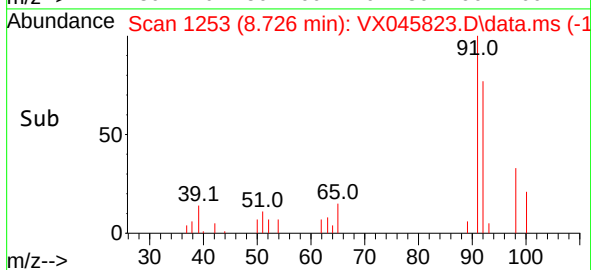
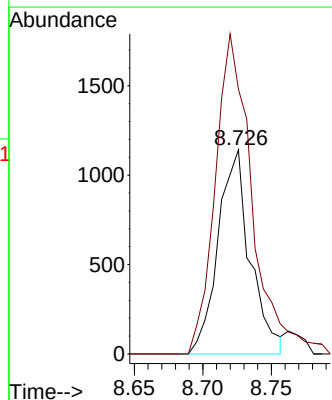
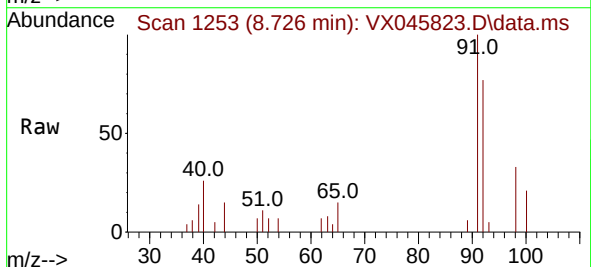
Instrument :
MSVOA_X
ClientSampleId :
3651

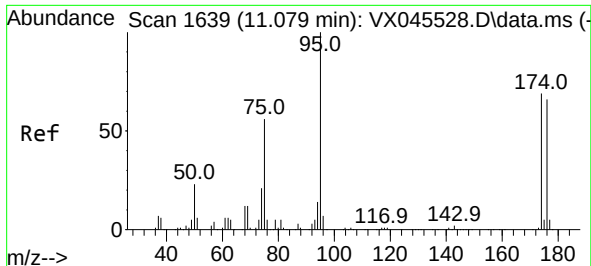
Tgt Ion: 98 Resp: 147797
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4



#52
Toluene
Concen: 0.904 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX045823.D
Acq: 17 Apr 2025 13:12

Tgt Ion: 92 Resp: 1859
Ion Ratio Lower Upper
92 100
91 180.3 138.7 208.1





#62

4-Bromofluorobenzene

Concen: 52.097 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045823.D

Acq: 17 Apr 2025 13:12

Instrument :

MSVOA_X

ClientSampleId :

3651

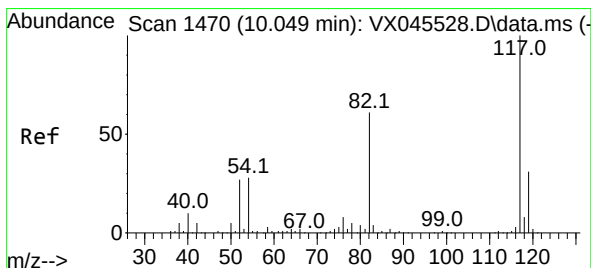
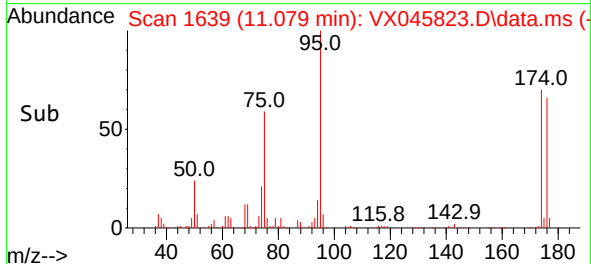
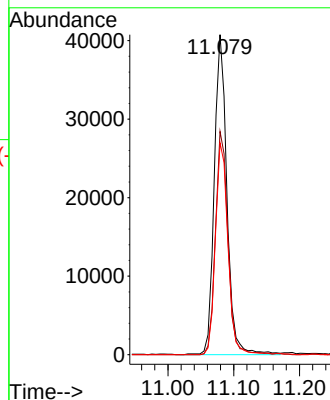
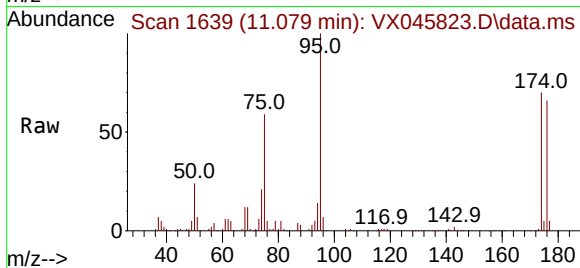
Tgt Ion: 95 Resp: 54593

Ion Ratio Lower Upper

95 100

174 69.3 0.0 135.8

176 65.8 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX045823.D

Acq: 17 Apr 2025 13:12

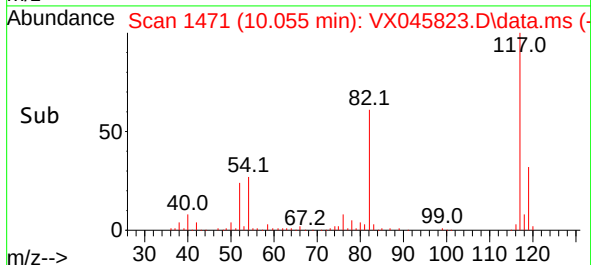
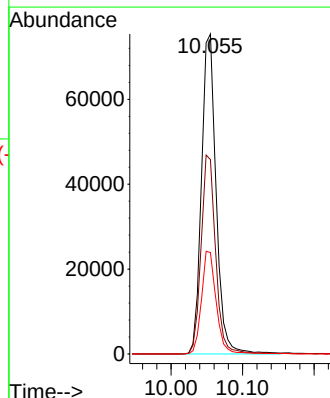
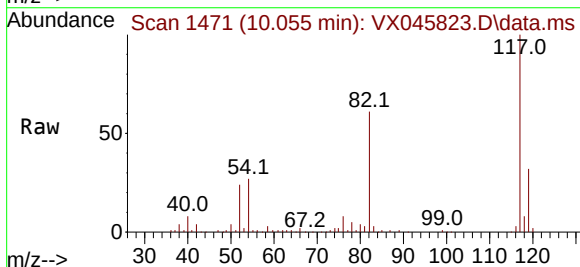
Tgt Ion: 117 Resp: 107299

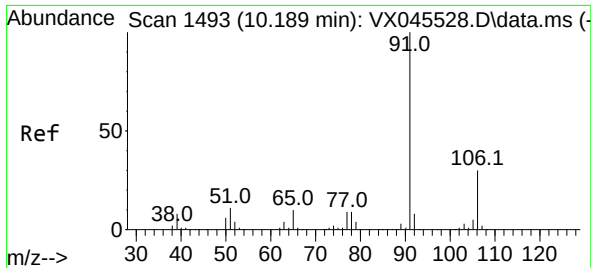
Ion Ratio Lower Upper

117 100

82 60.7 49.2 73.8

119 31.7 25.1 37.7

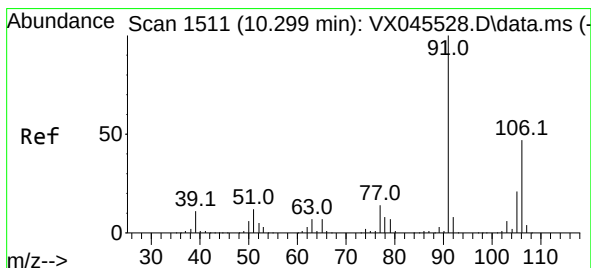
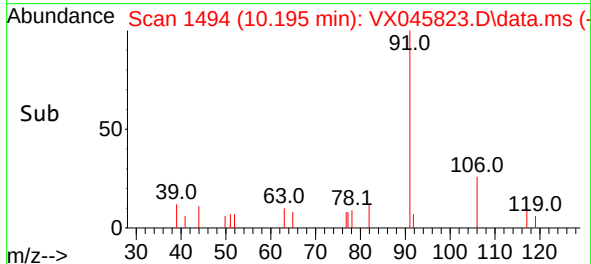
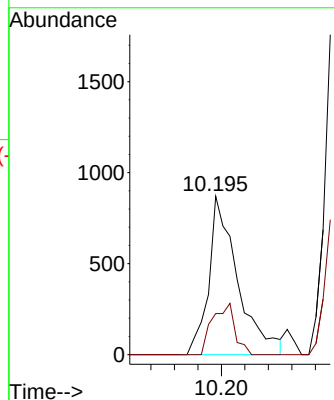
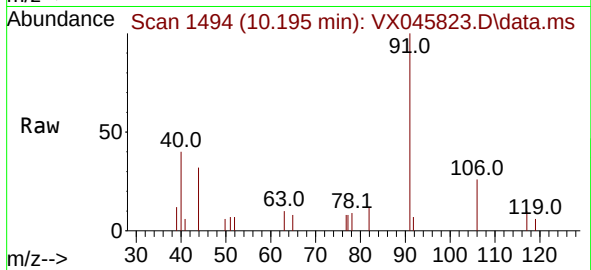




#67
Ethyl Benzene
Concen: 0.364 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045823.D
Acq: 17 Apr 2025 13:12

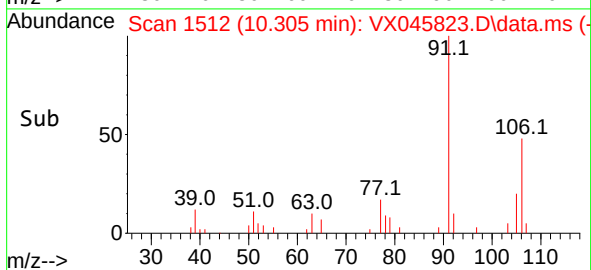
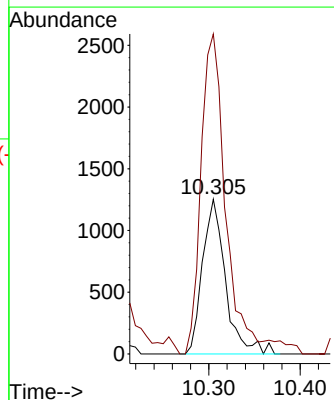
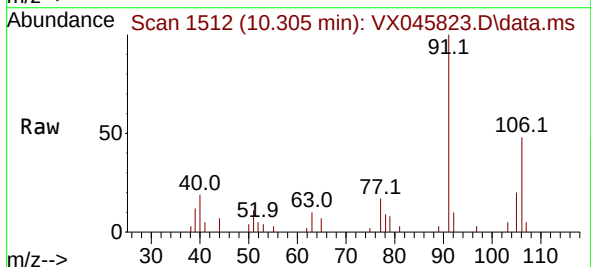
Instrument :
MSVOA_X
ClientSampleId :
3651

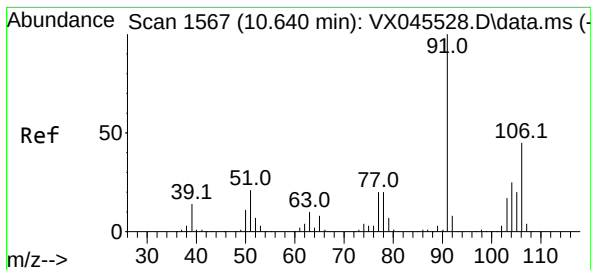
Tgt Ion: 91 Resp: 1494
Ion Ratio Lower Upper
91 100
106 26.0 23.7 35.5



#68
m/p-Xylenes
Concen: 1.465 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX045823.D
Acq: 17 Apr 2025 13:12

Tgt Ion: 106 Resp: 2188
Ion Ratio Lower Upper
106 100
91 218.9 172.6 258.8





#69

o-Xylene

Concen: 0.434 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045823.D

Acq: 17 Apr 2025 13:12

Instrument :

MSVOA_X

ClientSampleId :

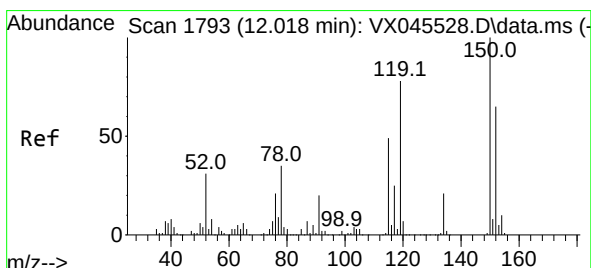
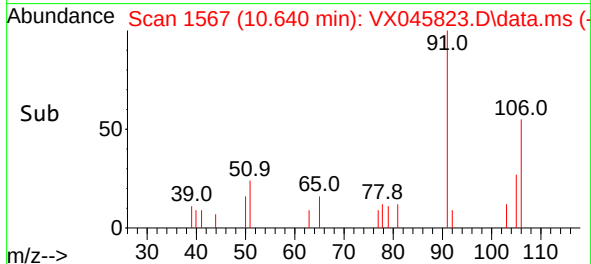
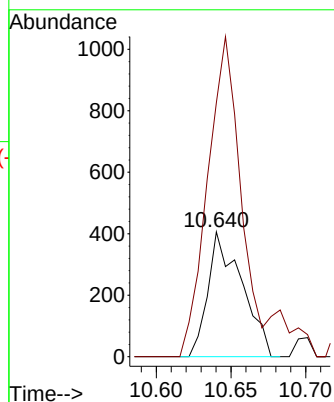
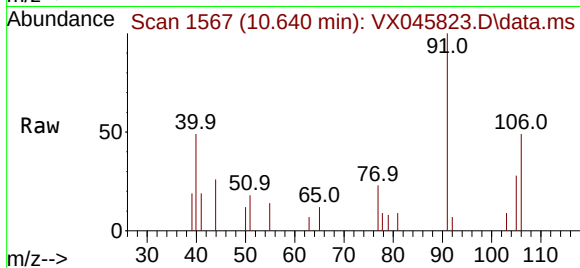
3651

Tgt Ion:106 Resp: 638

Ion Ratio Lower Upper

106 100

91 279.6 113.6 340.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX045823.D

Acq: 17 Apr 2025 13:12

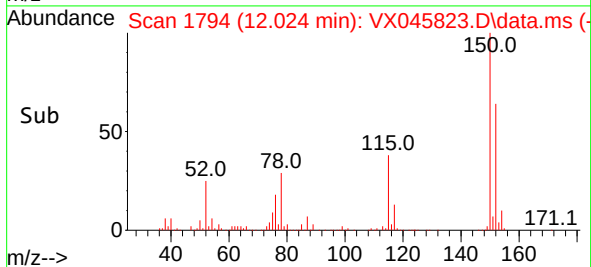
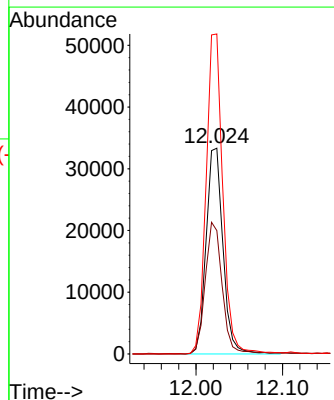
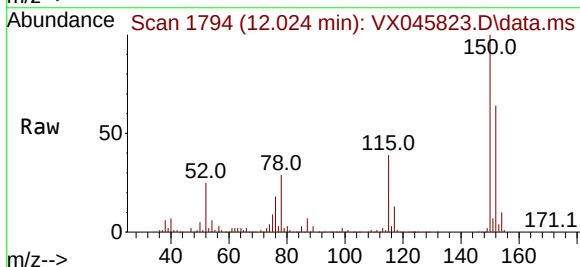
Tgt Ion:152 Resp: 45186

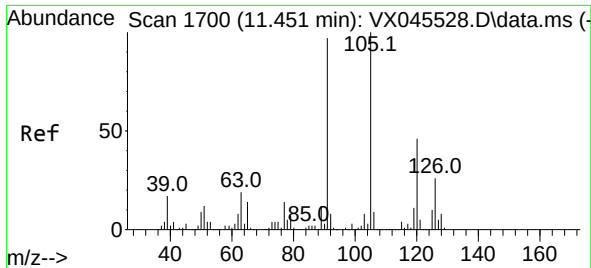
Ion Ratio Lower Upper

152 100

115 64.2 46.9 140.7

150 153.5 0.0 349.4

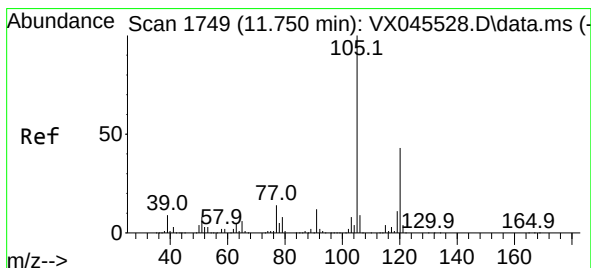
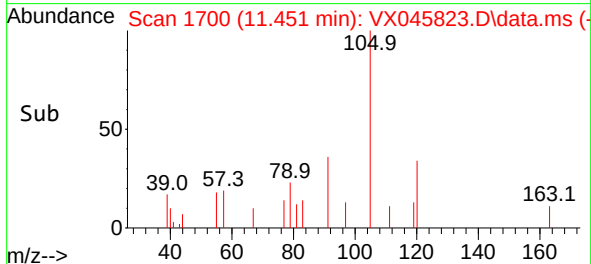
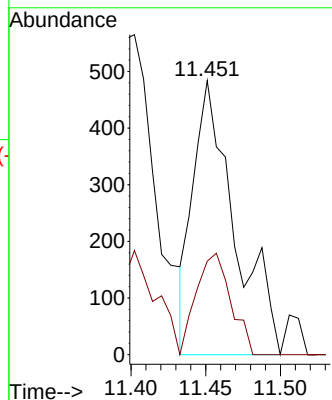
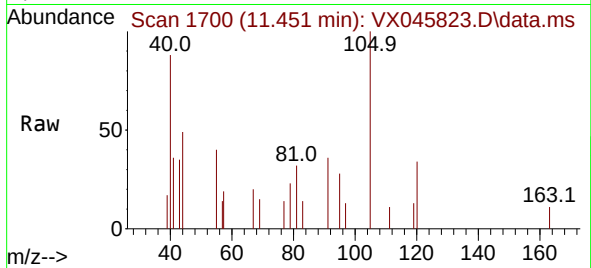




#80
 1,3,5-Trimethylbenzene
 Concen: 0.311 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX045823.D
 Acq: 17 Apr 2025 13:12

Instrument :
 MSVOA_X
 ClientSampleId :
 3651

Tgt Ion:105 Resp: 931
 Ion Ratio Lower Upper
 105 100
 120 31.0 23.0 69.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.880 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX045823.D
 Acq: 17 Apr 2025 13:12

Tgt Ion:105 Resp: 2645
 Ion Ratio Lower Upper
 105 100
 120 35.4 21.4 64.3

