

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024671.D
 Acq On : 08 Oct 2021 15:36
 Operator : JC/MD
 Sample : M4130-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-03-(SA)

Quant Time: Oct 08 16:31:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

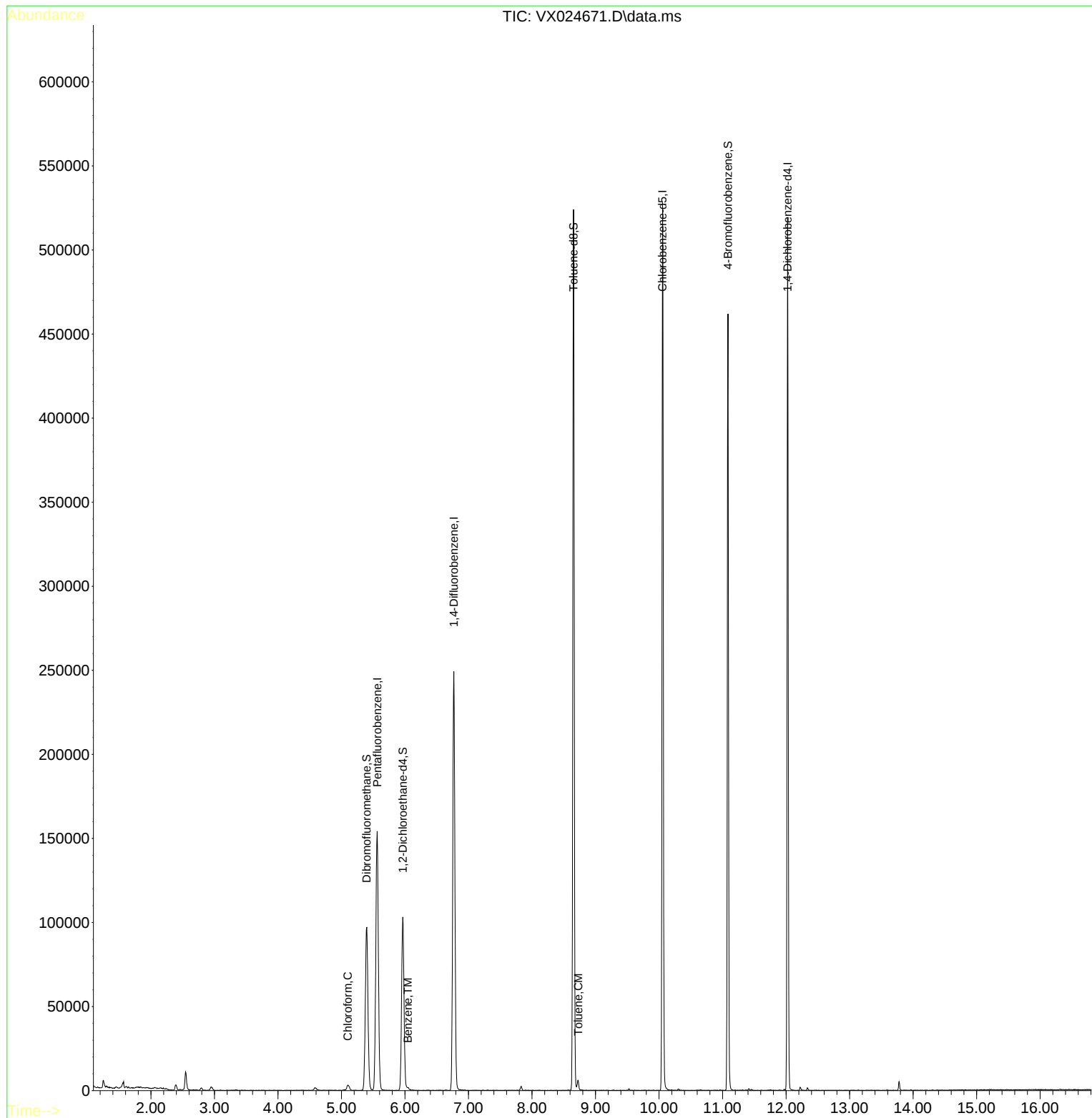
Internal Standards						
1) Pentafluorobenzene	5.562	168	144046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	247938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105019	51.730	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.460%
35) Dibromofluoromethane	5.397	113	82127	49.861	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.720%
50) Toluene-d8	8.653	98	299795	49.453	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.900%
62) 4-Bromofluorobenzene	11.085	95	117761	49.405	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.820%
Target Compounds						Qvalue
30) Chloroform	5.099	83	3813	1.261	ug/l	# 81
40) Benzene	6.044	78	1551	0.228	ug/l	93
52) Toluene	8.726	92	2264	0.516	ug/l	94

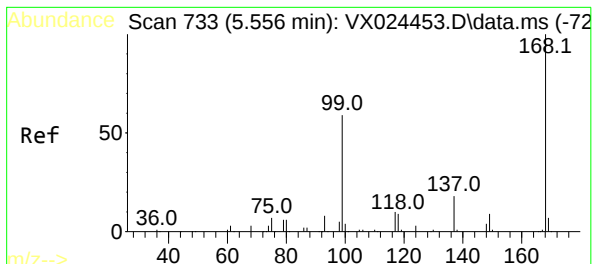
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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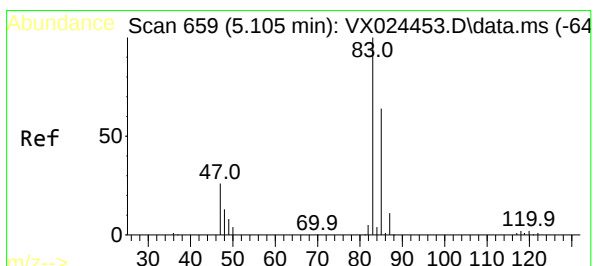
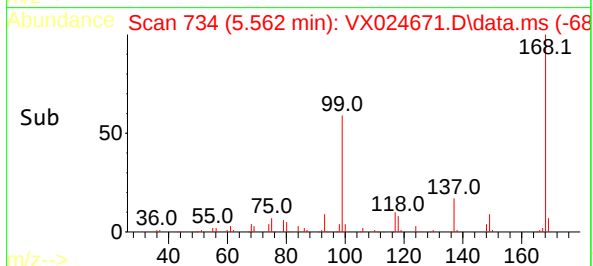
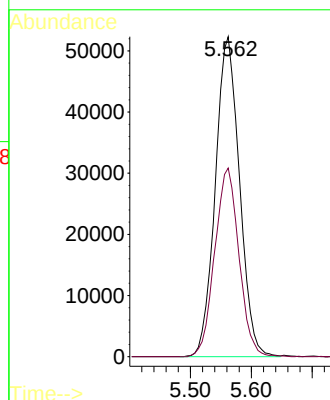
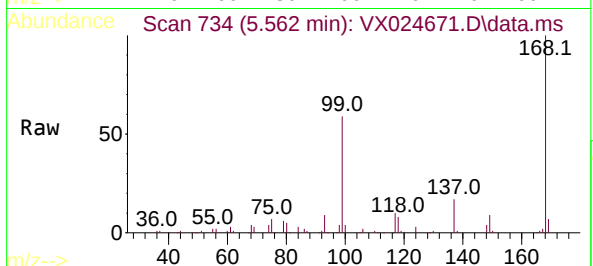




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024671.D
Acq: 08 Oct 2021 15:36

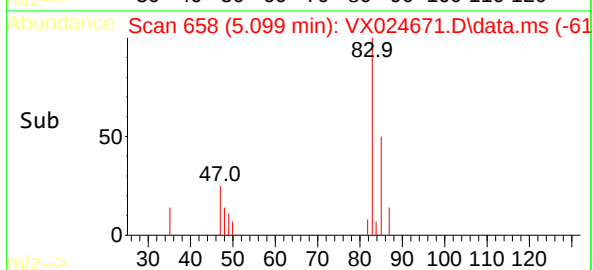
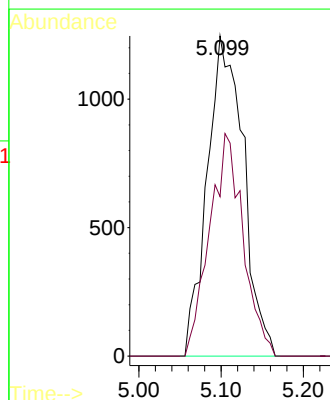
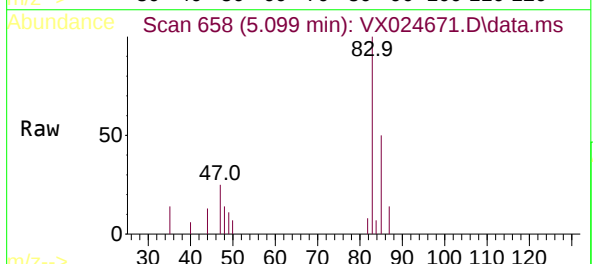
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

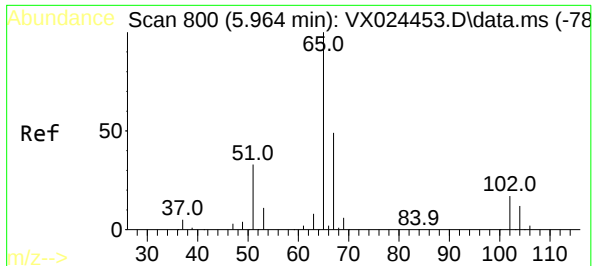
Tgt Ion:168 Resp: 144046
Ion Ratio Lower Upper
168 100
99 58.9 45.8 68.6



#30
Chloroform
Concen: 1.261 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX024671.D
Acq: 08 Oct 2021 15:36

Tgt Ion: 83 Resp: 3813
Ion Ratio Lower Upper
83 100
85 49.8 52.0 78.0#



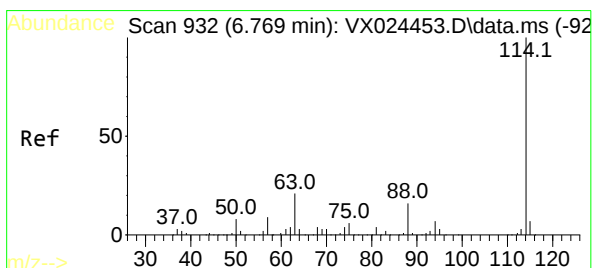
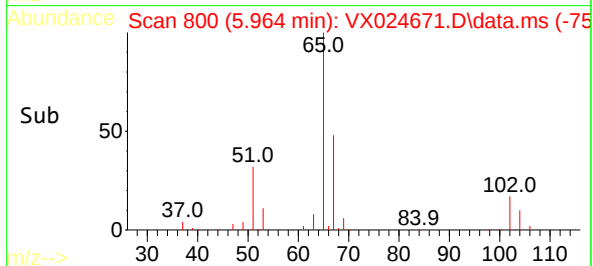
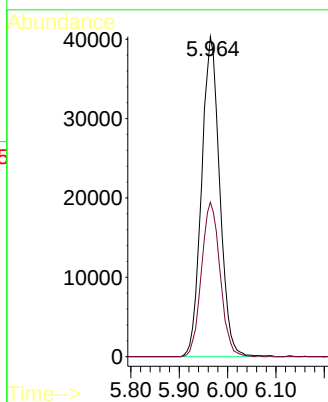
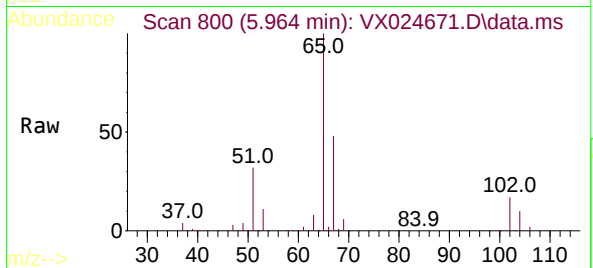


#33

1,2-Dichloroethane-d4
Concen: 51.730 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024671.D
Acq: 08 Oct 2021 15:36

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

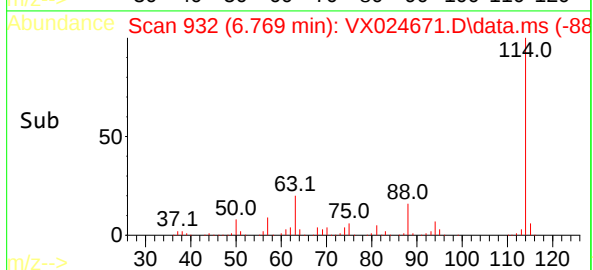
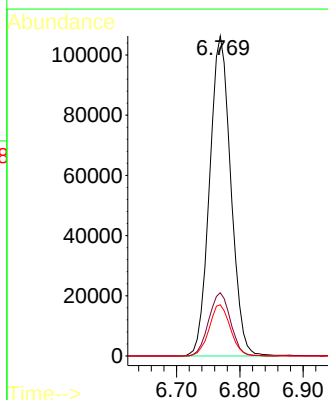
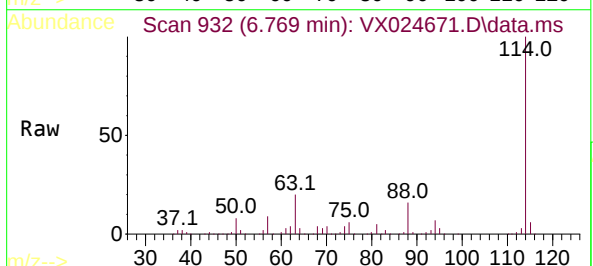
Tgt Ion: 65 Resp: 105019
Ion Ratio Lower Upper
65 100
67 49.6 0.0 105.4

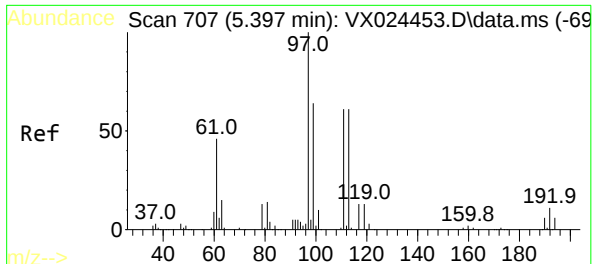


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024671.D
Acq: 08 Oct 2021 15:36

Tgt Ion: 114 Resp: 247938
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 16.0 0.0 32.8

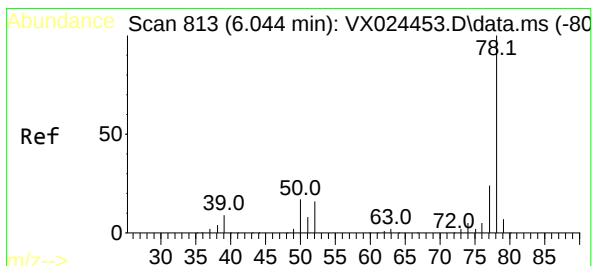
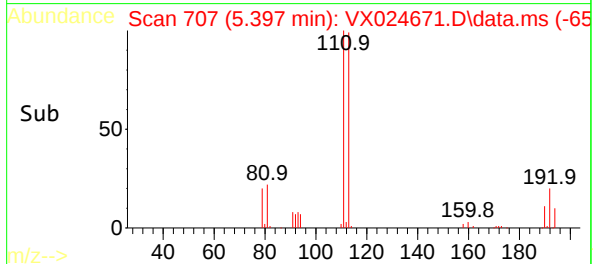
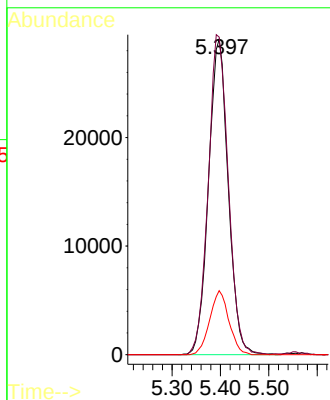
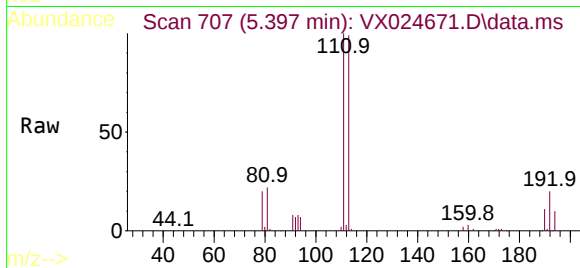




#35
Dibromofluoromethane
Concen: 49.861 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024671.D
Acq: 08 Oct 2021 15:36

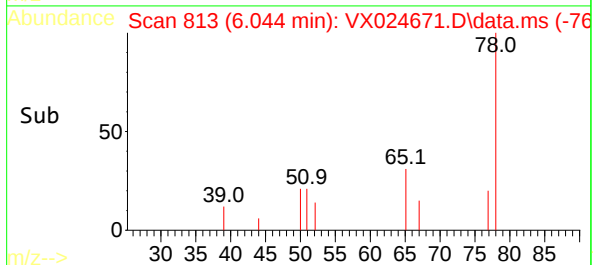
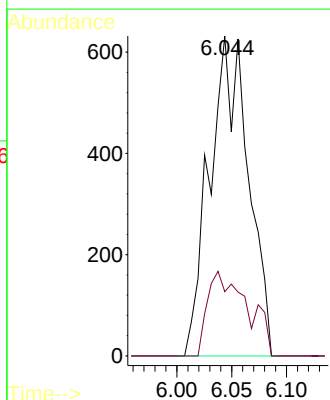
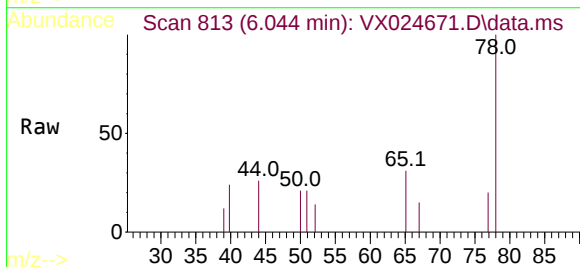
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

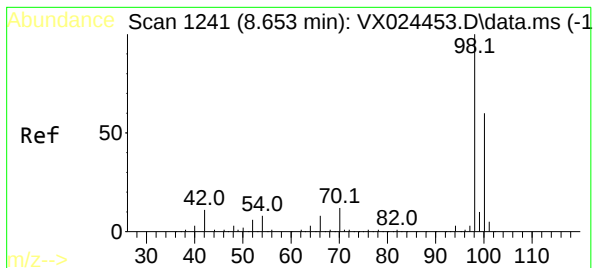
Tgt Ion:113 Resp: 82127
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 19.8 16.7 25.1



#40
Benzene
Concen: 0.228 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX024671.D
Acq: 08 Oct 2021 15:36

Tgt Ion: 78 Resp: 1551
Ion Ratio Lower Upper
78 100
77 20.1 18.9 28.3

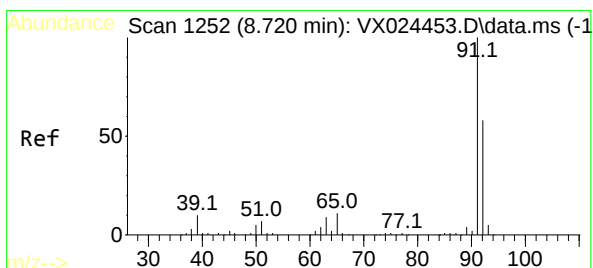
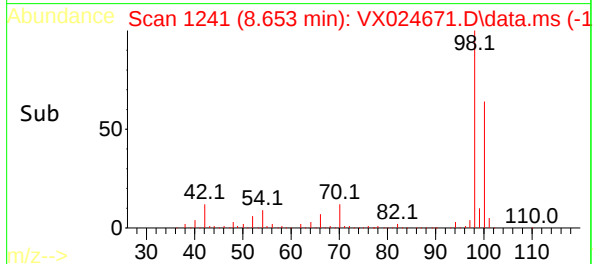
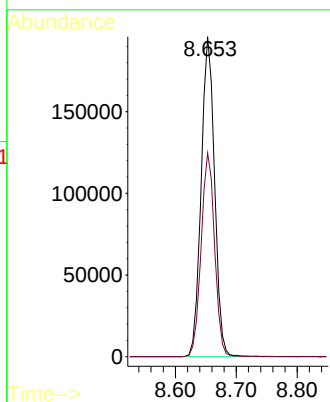
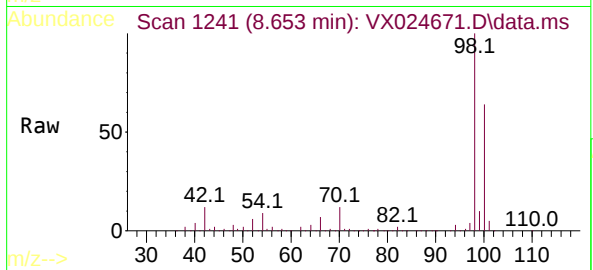




#50
Toluene-d8
Concen: 49.453 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024671.D
Acq: 08 Oct 2021 15:36

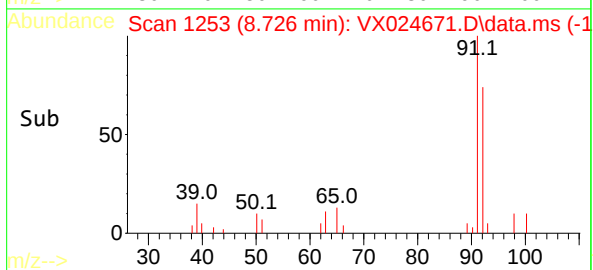
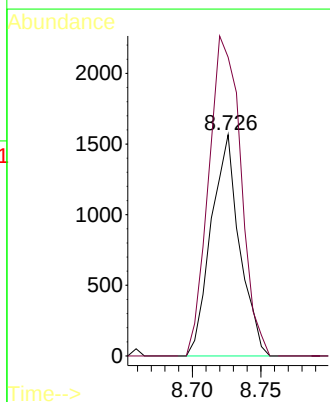
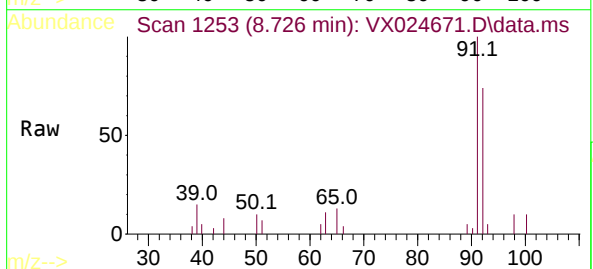
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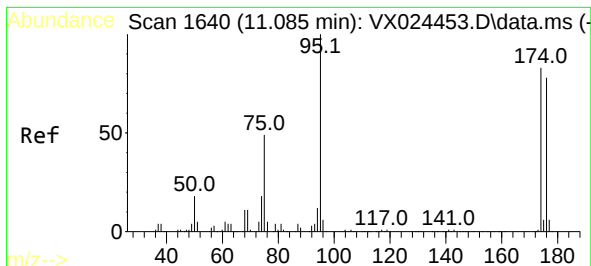
Tgt Ion: 98 Resp: 299795
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#52
Toluene
Concen: 0.516 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX024671.D
Acq: 08 Oct 2021 15:36

Tgt Ion: 92 Resp: 2264
Ion Ratio Lower Upper
92 100
91 163.5 137.1 205.7

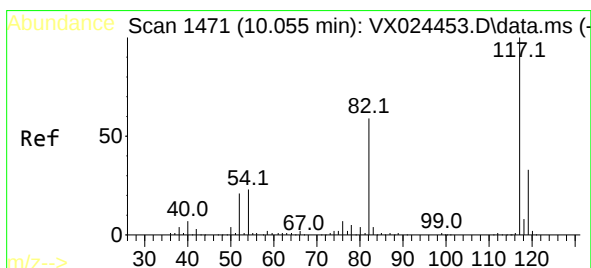
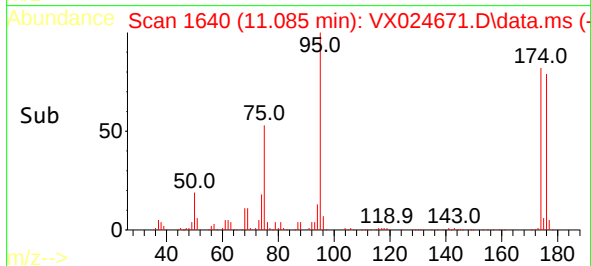
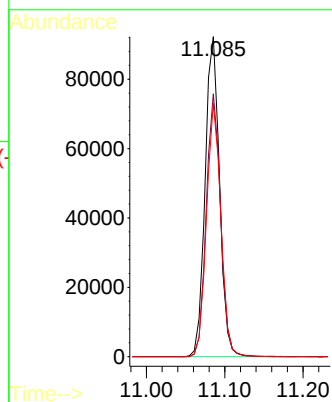
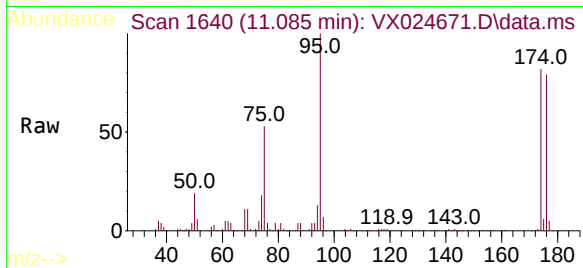




#62
4-Bromofluorobenzene
Concen: 49.405 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024671.D
Acq: 08 Oct 2021 15:36

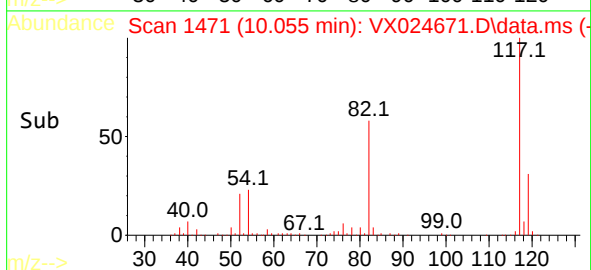
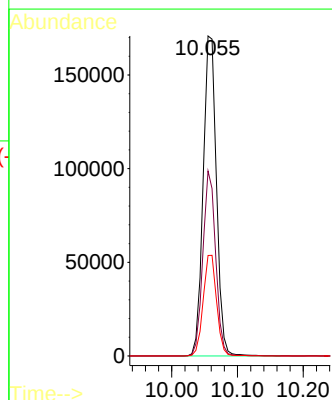
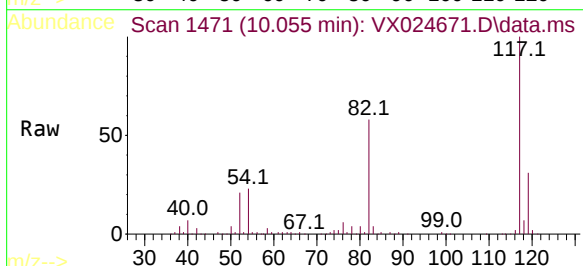
Instrument :
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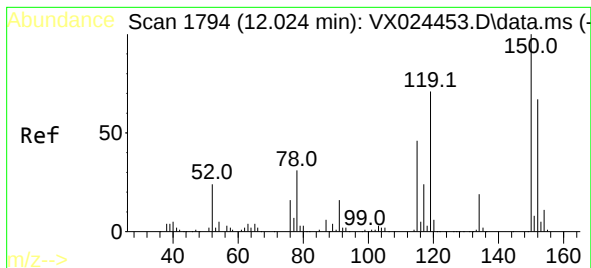
Tgt Ion: 95 Resp: 117761
Ion Ratio Lower Upper
95 100
174 81.7 0.0 154.6
176 78.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024671.D
Acq: 08 Oct 2021 15:36

Tgt Ion: 117 Resp: 239685
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.4 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024671.D
 Acq: 08 Oct 2021 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-03-(SA)

Tgt Ion:152 Resp: 104315
 Ion Ratio Lower Upper
 152 100
 115 60.1 41.1 123.3
 150 156.5 0.0 349.0

