

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080621\
 Data File : VX023593.D
 Acq On : 06 Aug 2021 13:58
 Operator : JC/MD
 Sample : M3298-08 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ANTIFREEZE

Quant Time: Aug 07 04:44:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

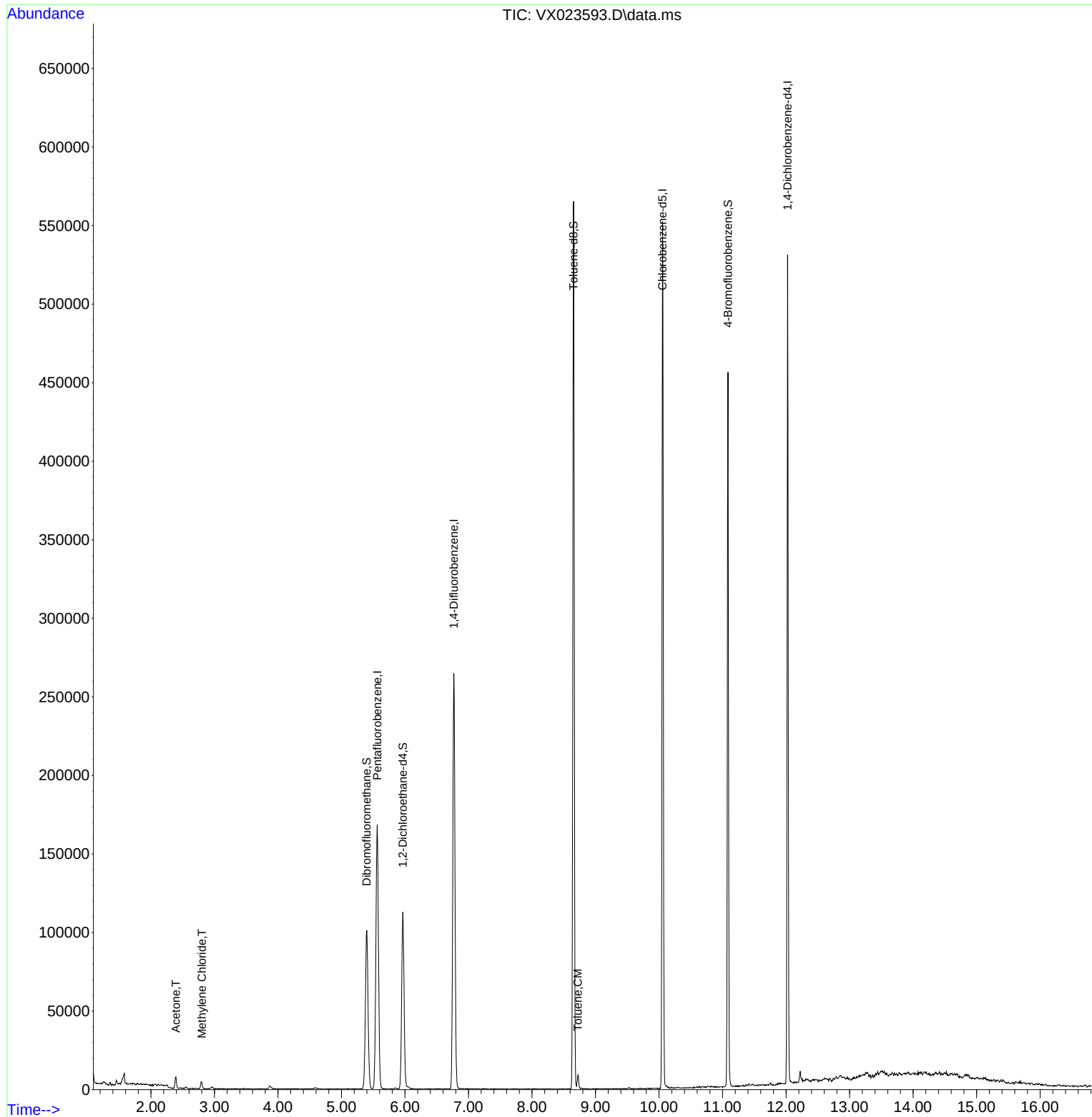
Internal Standards						
1) Pentafluorobenzene	5.562	168	158197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	267842	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104270	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108383	54.92	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.84%	
35) Dibromofluoromethane	5.397	113	86259	51.51	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.02%	
50) Toluene-d8	8.653	98	324792	52.79	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.58%	
62) 4-Bromofluorobenzene	11.085	95	113146	54.08	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.16%	
Target Compounds						
16) Acetone	2.392	43	8059	8.33	ug/l	93
20) Methylene Chloride	2.800	84	2081	1.11	ug/l	# 90
52) Toluene	8.720	92	3239	0.73	ug/l	93

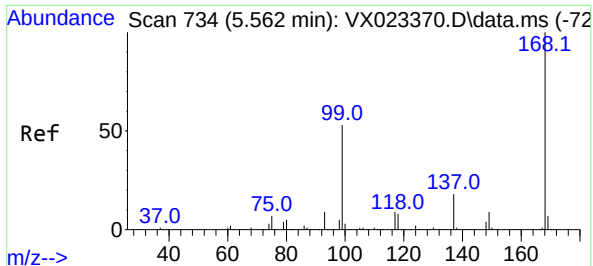
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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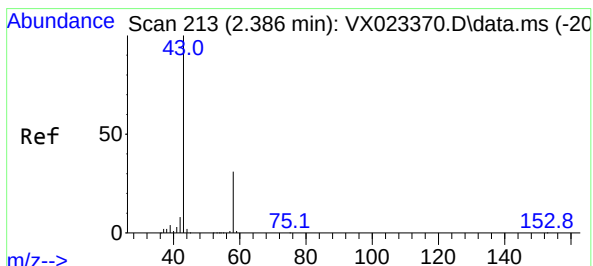
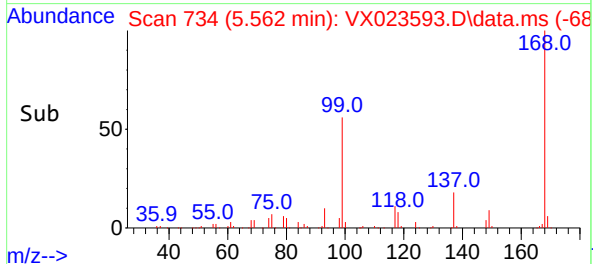
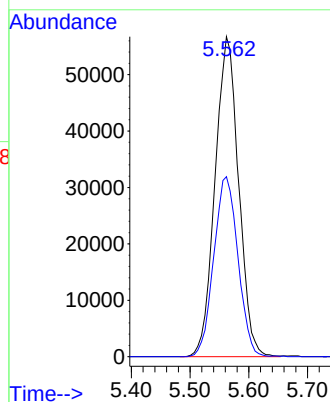
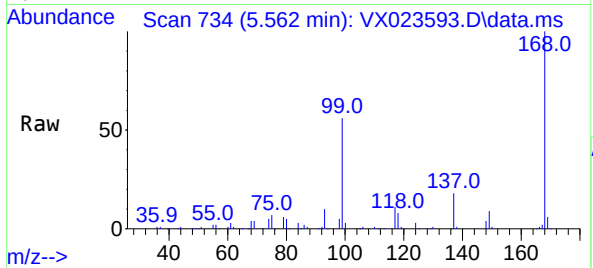




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

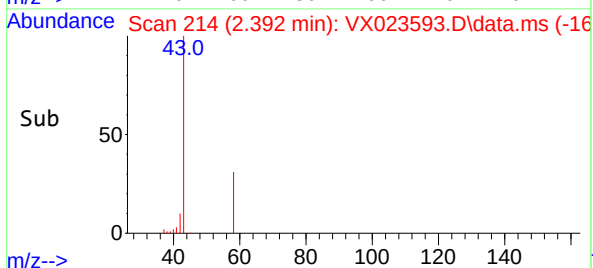
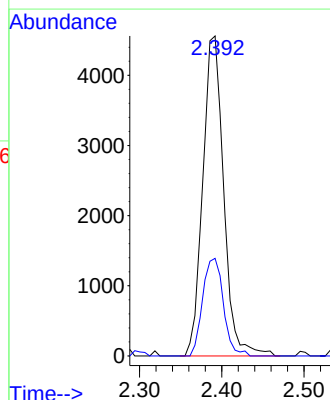
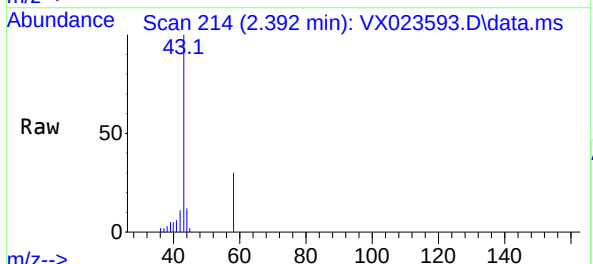
Instrument :
MSVOA_X
ClientSampleId :
ANTIFREEZE

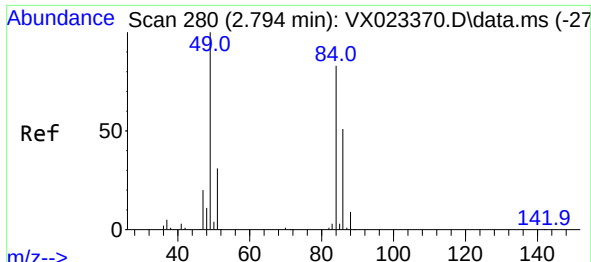
Tgt Ion:168 Resp: 158197
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6



#16
Acetone
Concen: 8.33 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

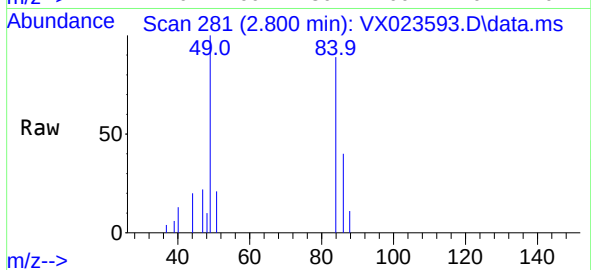
Tgt Ion: 43 Resp: 8059
Ion Ratio Lower Upper
43 100
58 30.5 27.8 41.8



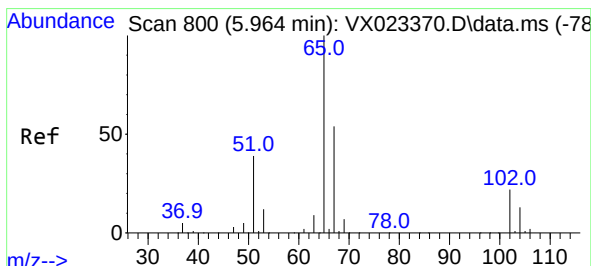
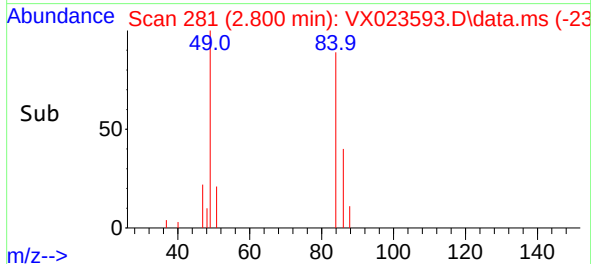
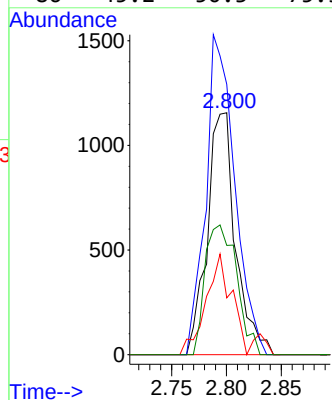


#20
Methylene Chloride
Concen: 1.11 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

Instrument :
MSVOA_X
ClientSampleId :
ANTIFREEZE

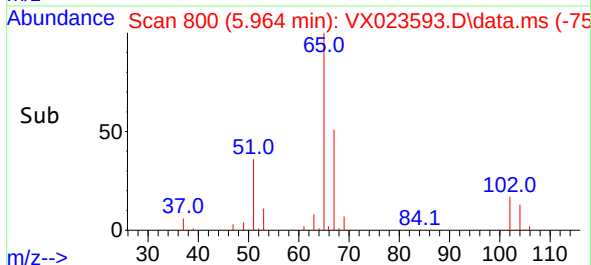
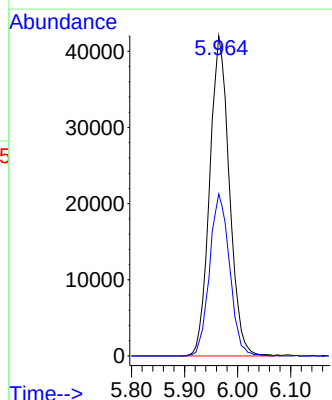
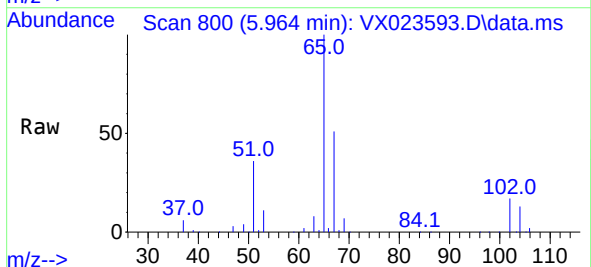


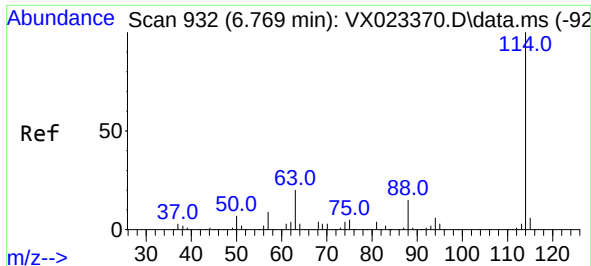
Tgt Ion: 84 Resp: 2081
Ion Ratio Lower Upper
84 100
49 111.8 88.6 132.8
51 23.4 27.0 40.6#
86 45.2 50.3 75.5#



#33
1,2-Dichloroethane-d4
Concen: 54.92 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

Tgt Ion: 65 Resp: 108383
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

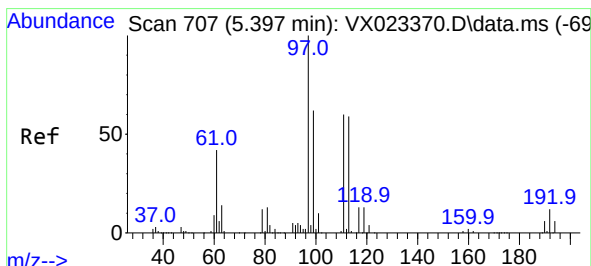
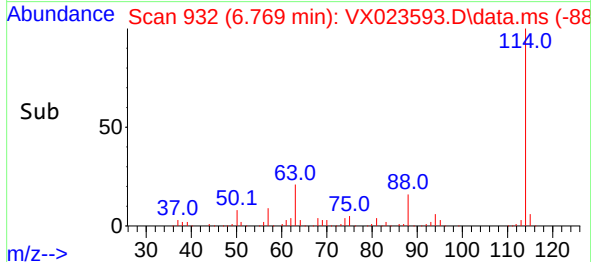
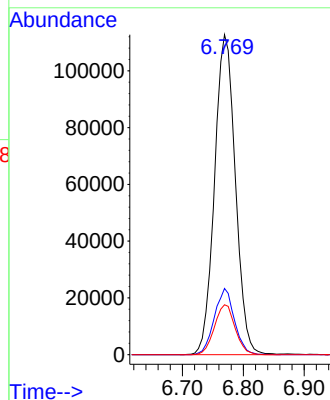
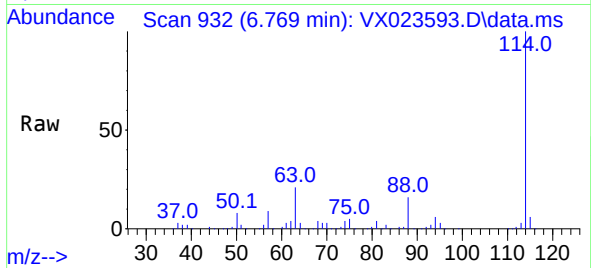




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

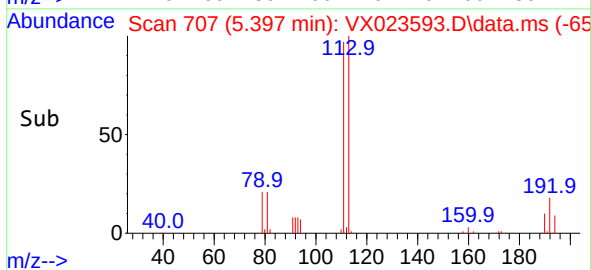
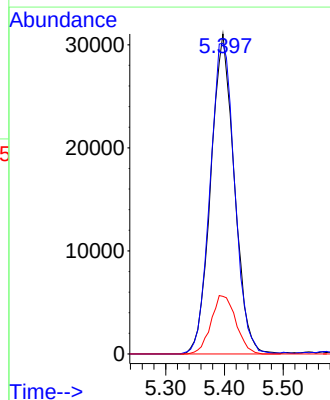
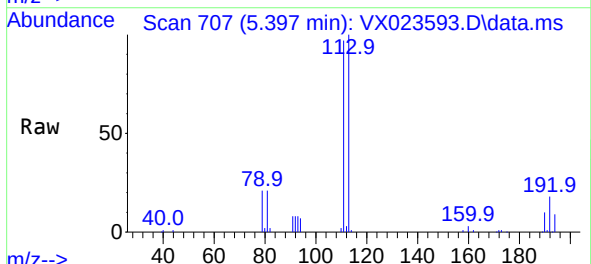
Instrument :
MSVOA_X
ClientSampleId :
ANTIFREEZE

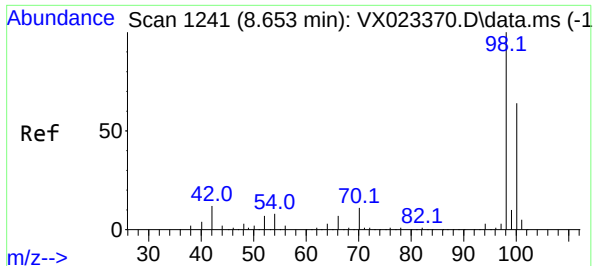
Tgt Ion:114 Resp: 267842
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.51 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

Tgt Ion:113 Resp: 86259
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 19.2 16.7 25.1

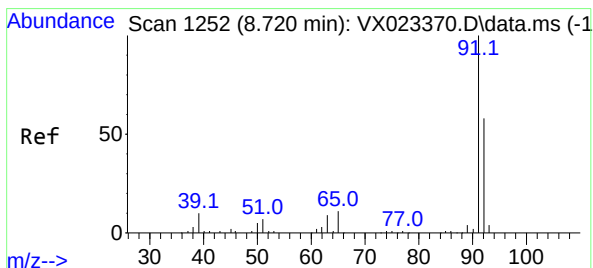
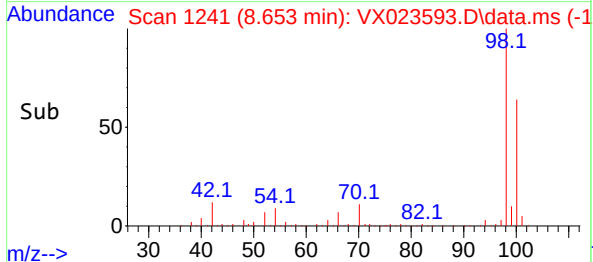
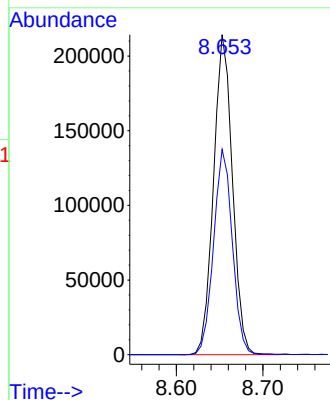
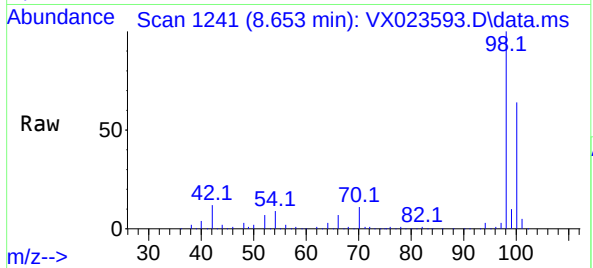




#50
Toluene-d8
Concen: 52.79 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

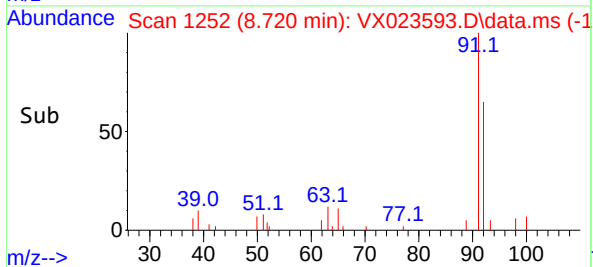
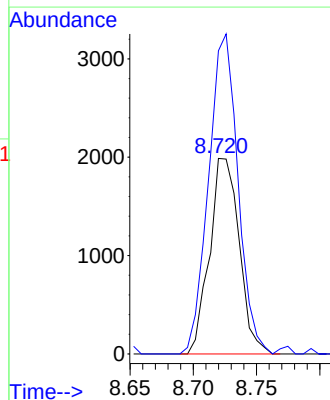
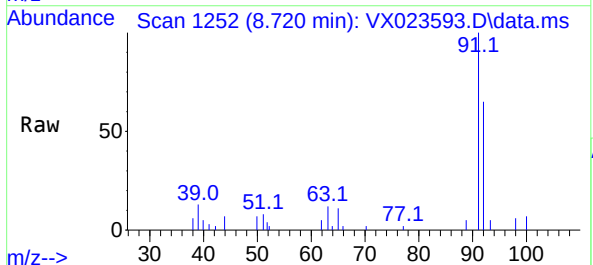
Instrument :
MSVOA_X
ClientSampled :
ANTIFREEZE

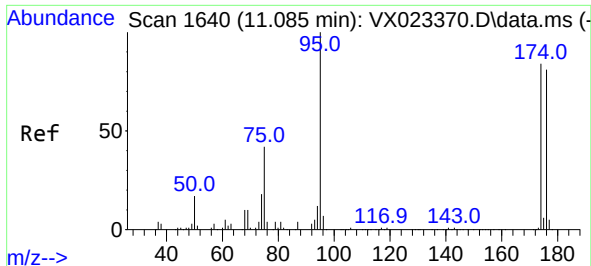
Tgt Ion: 98 Resp: 324792
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#52
Toluene
Concen: 0.73 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

Tgt Ion: 92 Resp: 3239
Ion Ratio Lower Upper
92 100
91 162.4 137.1 205.7

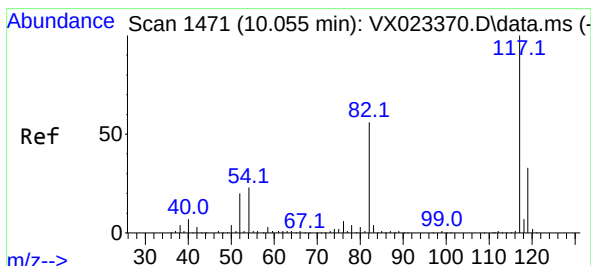
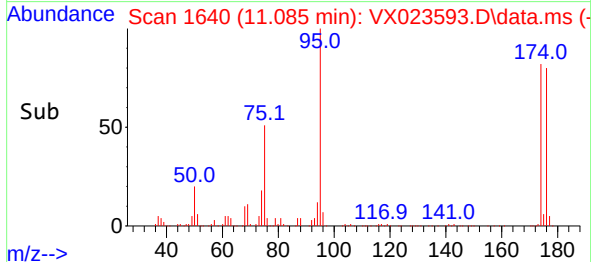
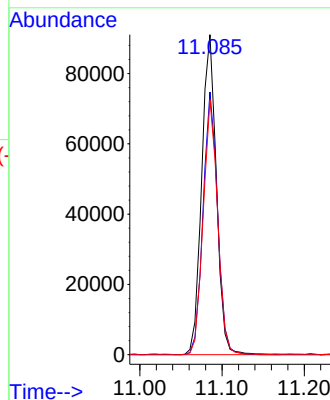
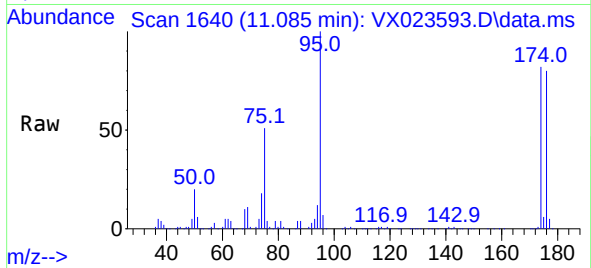




#62
4-Bromofluorobenzene
Concen: 54.08 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

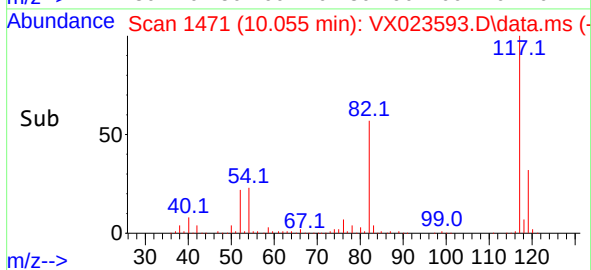
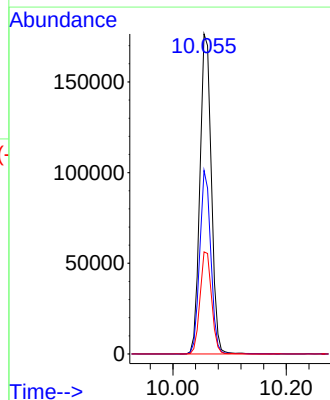
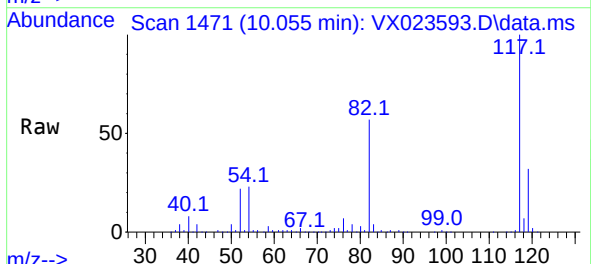
Instrument :
MSVOA_X
ClientSampled :
ANTIFREEZE

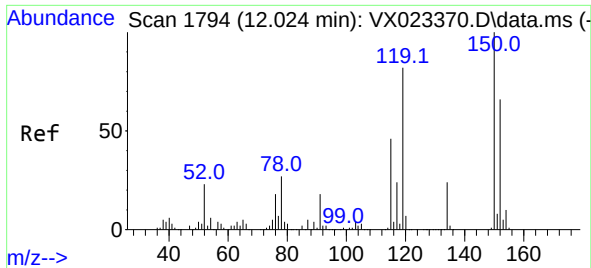
Tgt Ion: 95 Resp: 113146
Ion Ratio Lower Upper
95 100
174 80.8 0.0 154.6
176 78.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

Tgt Ion: 117 Resp: 246596
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 31.9 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023593.D
 Acq: 06 Aug 2021 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 ANTIFREEZE

Tgt Ion:152 Resp: 104270
 Ion Ratio Lower Upper
 152 100
 115 58.5 41.1 123.3
 150 155.4 0.0 349.0

