

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023391.D
 Acq On : 22 Jul 2021 22:55
 Operator : JC/MD
 Sample : M3145-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-RB-71921

Quant Time: Jul 23 06:11:04 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)

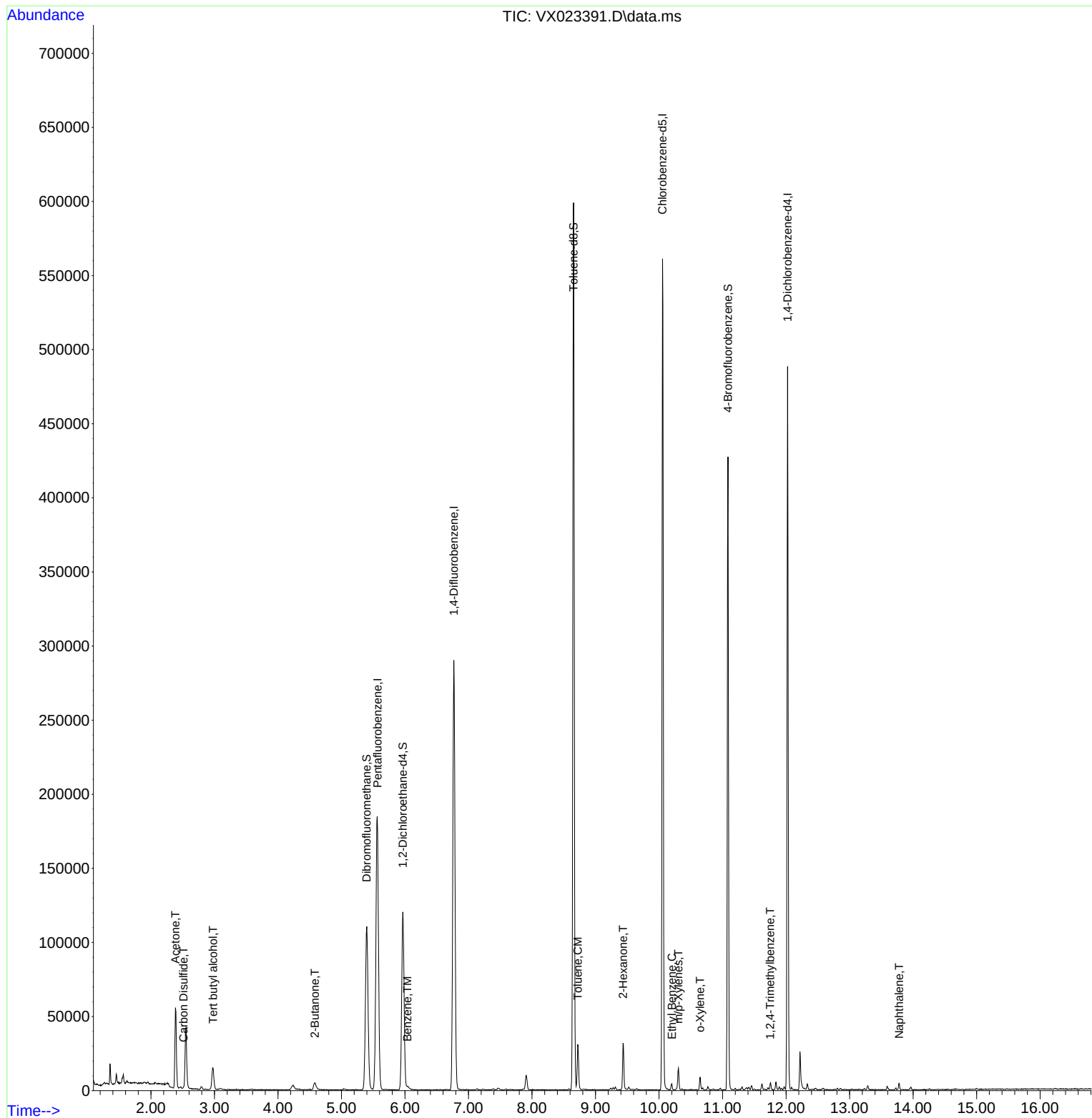
Internal Standards						
1) Pentafluorobenzene	5.568	168	177748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	298762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	113896	51.368	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.740%		
35) Dibromofluoromethane	5.397	113	93422	50.012	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.020%		
50) Toluene-d8	8.653	98	351504	51.217	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 102.440%		
62) 4-Bromofluorobenzene	11.085	95	110111	47.183	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.360%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.977	59	16747	33.063	ug/l	97
16) Acetone	2.386	43	57626	52.982	ug/l	93
17) Carbon Disulfide	2.514	76	1454	0.338	ug/l #	85
25) 2-Butanone	4.580	43	8156	4.830	ug/l #	89
40) Benzene	6.038	78	2284	0.285	ug/l	98
52) Toluene	8.720	92	10497	2.114	ug/l	91
59) 2-Hexanone	9.433	43	18346	7.480	ug/l	82
67) Ethyl Benzene	10.201	91	2724	0.301	ug/l	89
68) m/p-Xylenes	10.305	106	3586	1.030	ug/l	86
69) o-Xylene	10.646	106	1761	0.510	ug/l	84
84) 1,2,4-Trimethylbenzene	11.750	105	2052	0.338	ug/l	92
95) Naphthalene	13.780	128	3062	0.438	ug/l	95

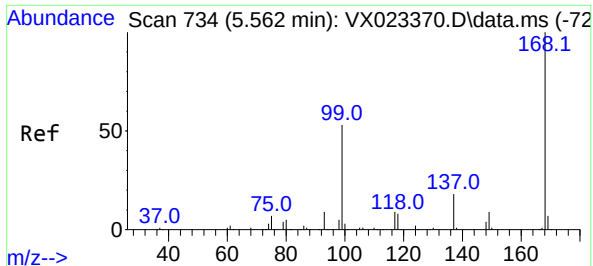
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
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QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

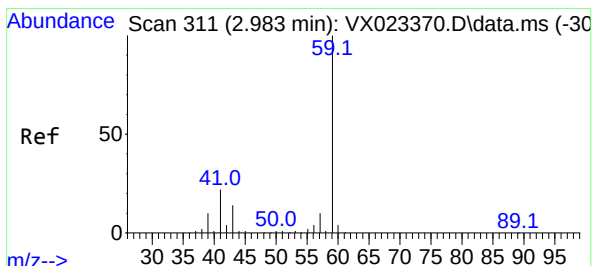
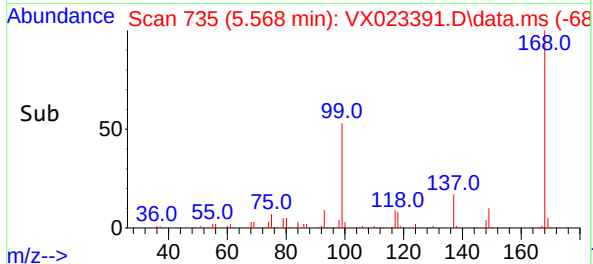
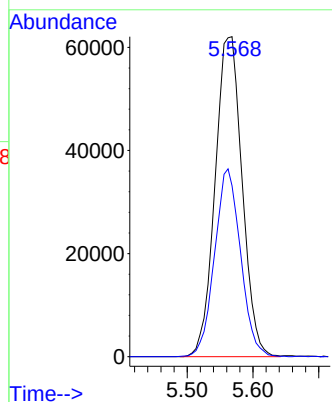
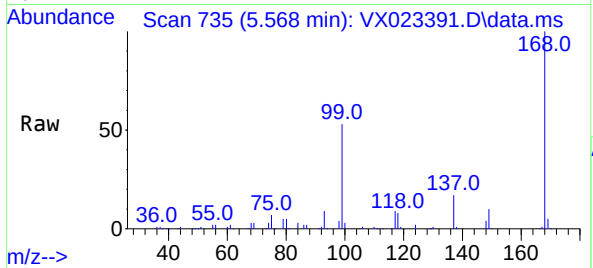




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX023391.D
Acq: 22 Jul 2021 22:55

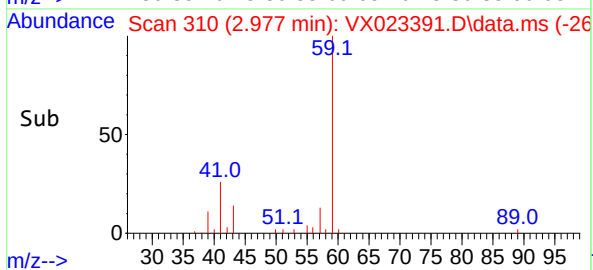
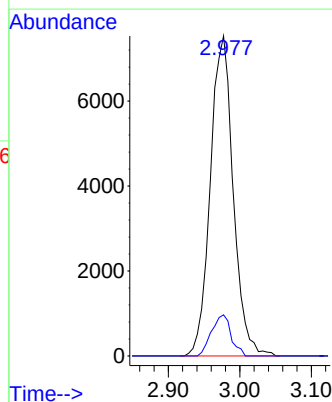
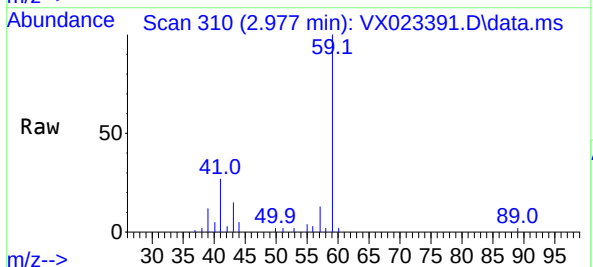
Instrument :
MSVOA_X
ClientSampleId :
152140-RB-71921

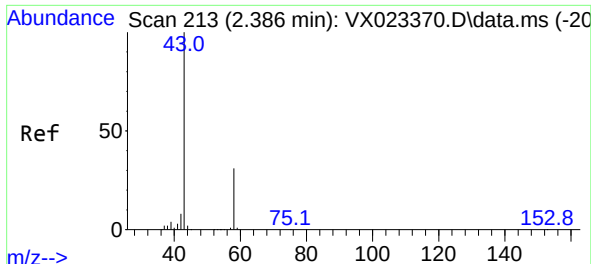
Tgt Ion:168 Resp: 177748
Ion Ratio Lower Upper
168 100
99 53.3 45.8 68.6



#11
Tert butyl alcohol
Concen: 33.063 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023391.D
Acq: 22 Jul 2021 22:55

Tgt Ion: 59 Resp: 16747
Ion Ratio Lower Upper
59 100
57 11.0 7.8 11.8

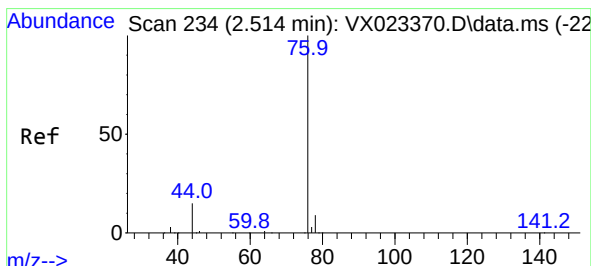
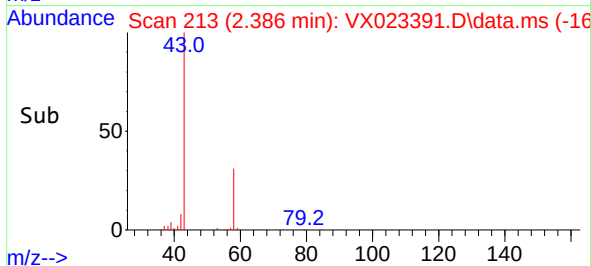
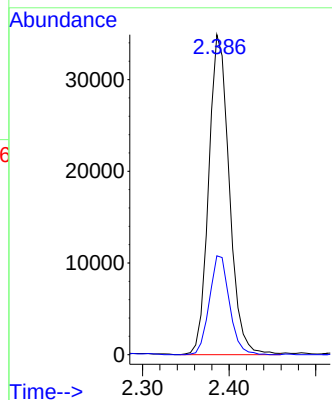
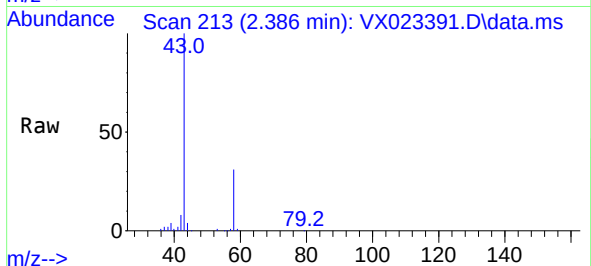




#16
Acetone
Concen: 52.982 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023391.D
Acq: 22 Jul 2021 22:55

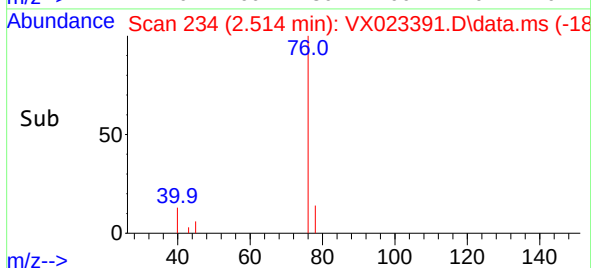
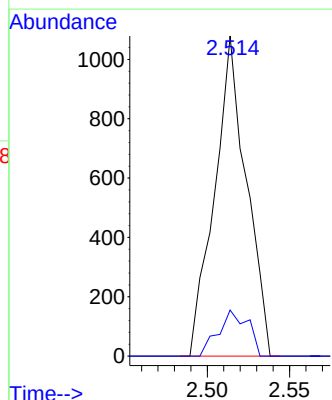
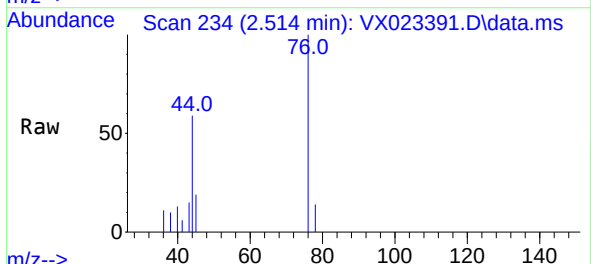
Instrument :
MSVOA_X
ClientSampleId :
152140-RB-71921

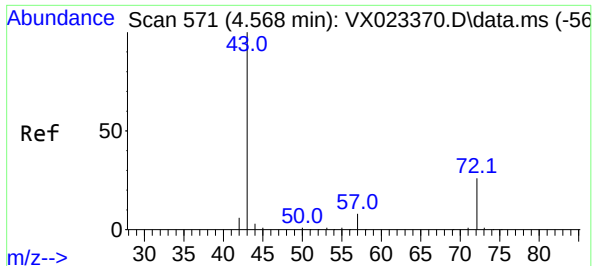
Tgt Ion: 43 Resp: 57626
Ion Ratio Lower Upper
43 100
58 30.9 27.8 41.8



#17
Carbon Disulfide
Concen: 0.338 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023391.D
Acq: 22 Jul 2021 22:55

Tgt Ion: 76 Resp: 1454
Ion Ratio Lower Upper
76 100
78 14.4 7.2 10.8#

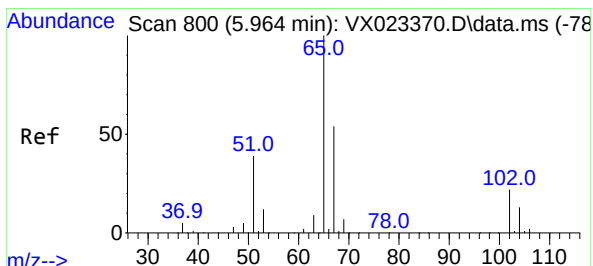
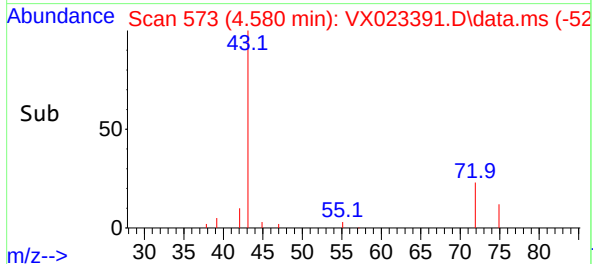
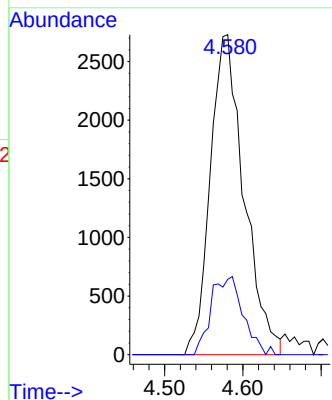
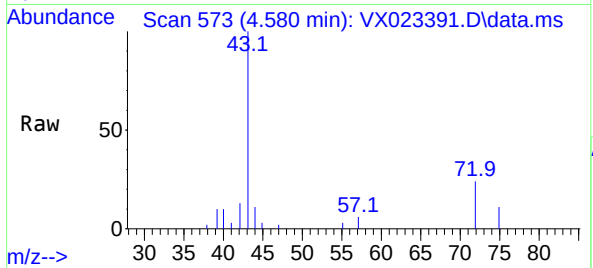




#25
2-Butanone
Concen: 4.830 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX023391.D
Acq: 22 Jul 2021 22:55

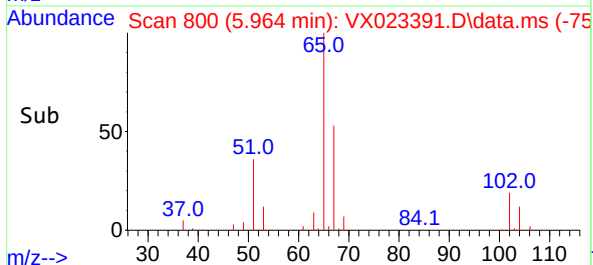
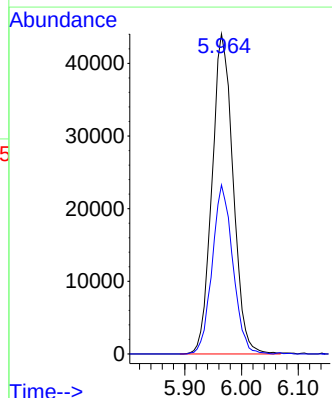
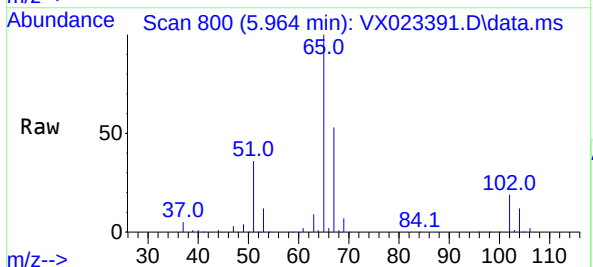
Instrument :
MSVOA_X
ClientSampleId :
152140-RB-71921

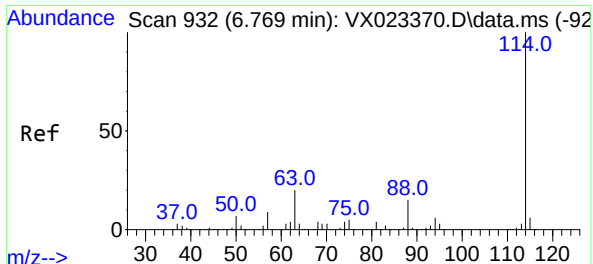
Tgt Ion: 43 Resp: 8156
Ion Ratio Lower Upper
43 100
72 23.6 23.7 35.5#



#33
1,2-Dichloroethane-d4
Concen: 51.368 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023391.D
Acq: 22 Jul 2021 22:55

Tgt Ion: 65 Resp: 113896
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4

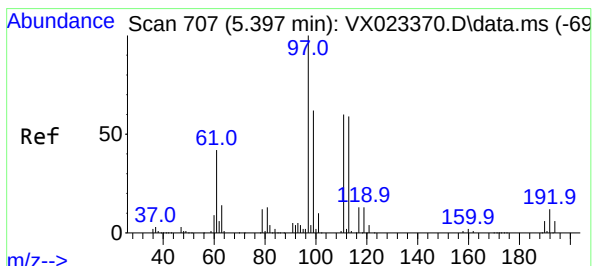
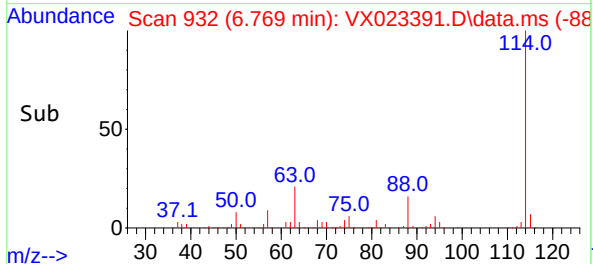
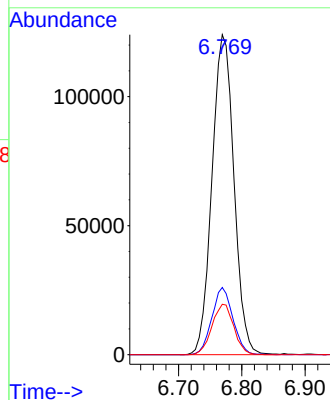
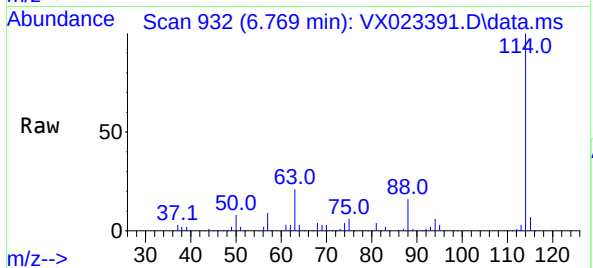




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023391.D
Acq: 22 Jul 2021 22:55

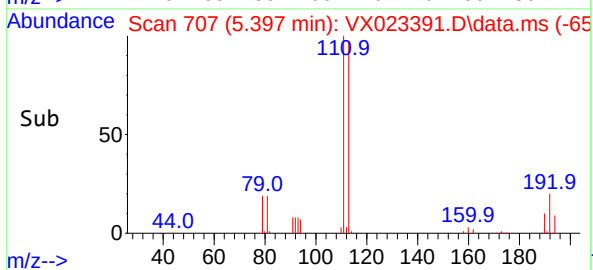
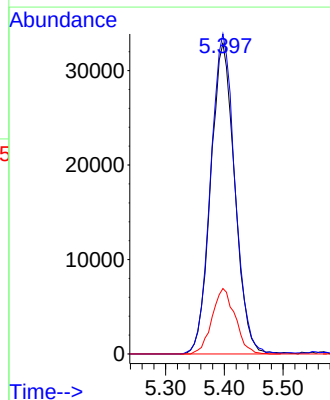
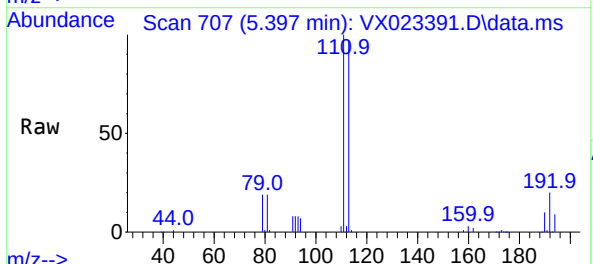
Instrument :
MSVOA_X
ClientSampleId :
152140-RB-71921

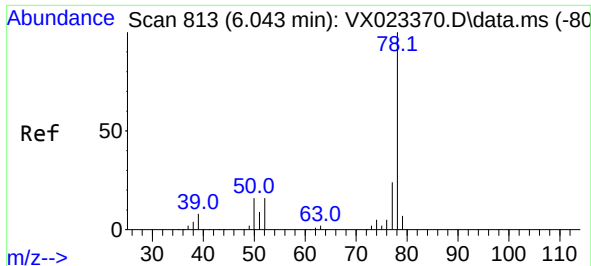
Tgt Ion:114 Resp: 298762
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.012 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023391.D
Acq: 22 Jul 2021 22:55

Tgt Ion:113 Resp: 93422
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 20.3 16.7 25.1

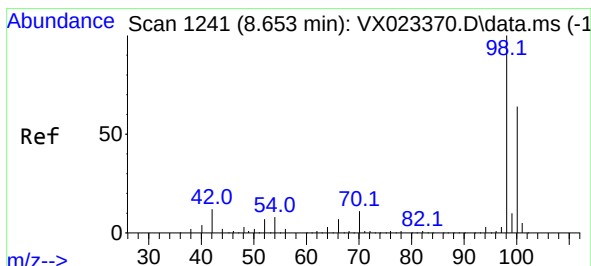
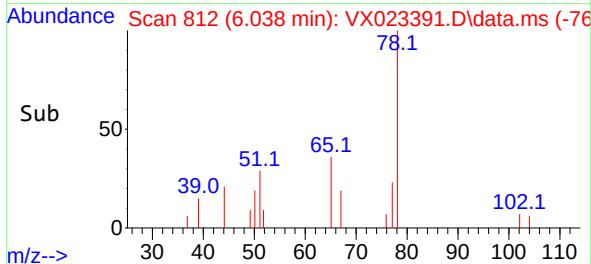
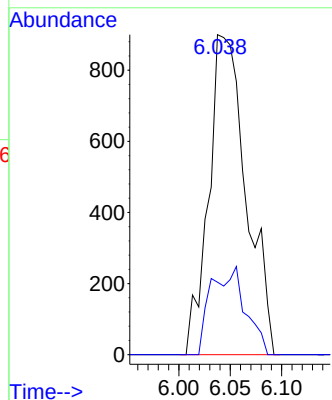
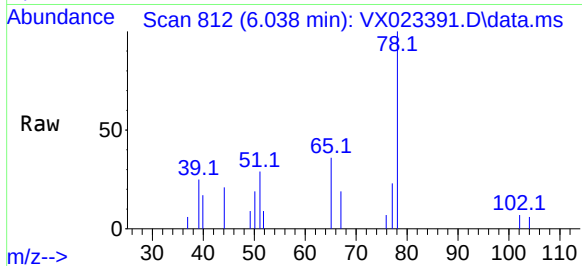




#40
Benzene
Concen: 0.285 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.005 min
Lab File: VX023391.D
Acq: 22 Jul 2021 22:55

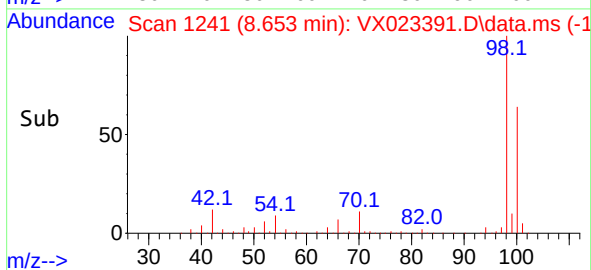
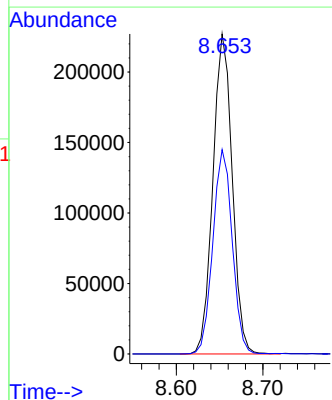
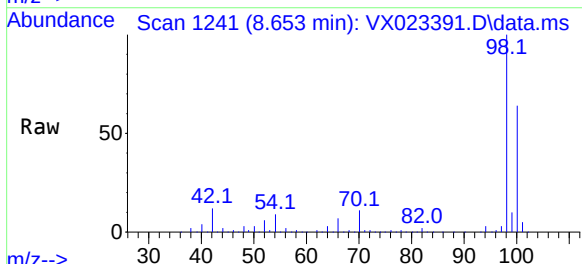
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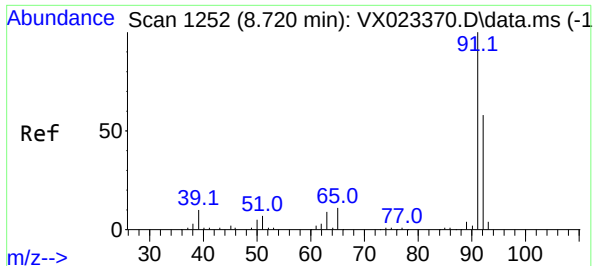
Tgt Ion: 78 Resp: 2284
Ion Ratio Lower Upper
78 100
77 22.7 18.9 28.3



#50
Toluene-d8
Concen: 51.217 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023391.D
Acq: 22 Jul 2021 22:55

Tgt Ion: 98 Resp: 351504
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9





#52

Toluene

Concen: 2.114 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX023391.D

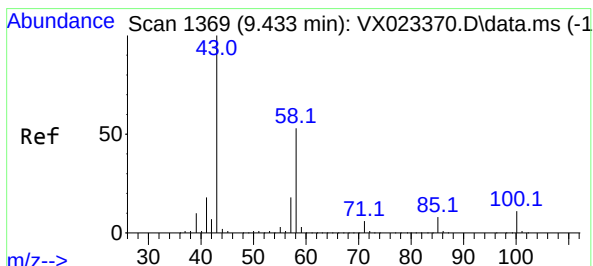
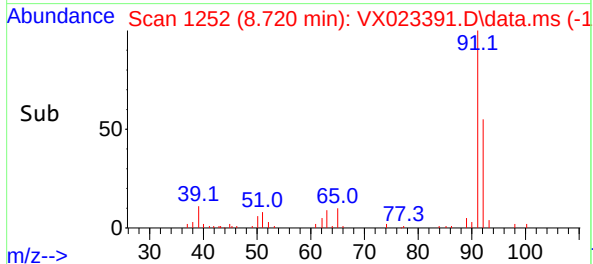
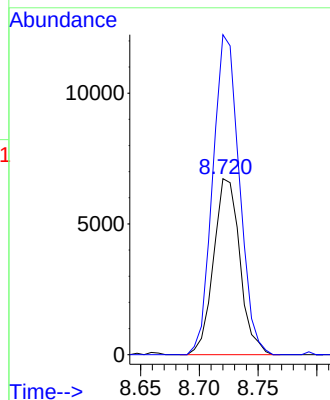
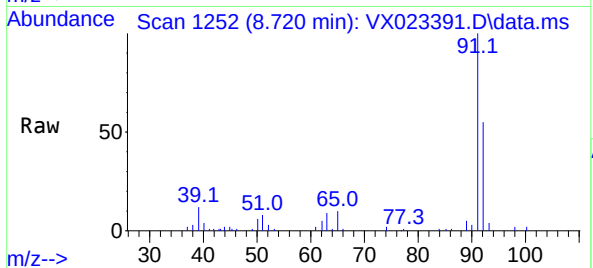
Acq: 22 Jul 2021 22:55

Tgt Ion: 92 Resp: 10497

Ion Ratio Lower Upper

92 100

91 183.3 137.1 205.7



#59

2-Hexanone

Concen: 7.480 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX023391.D

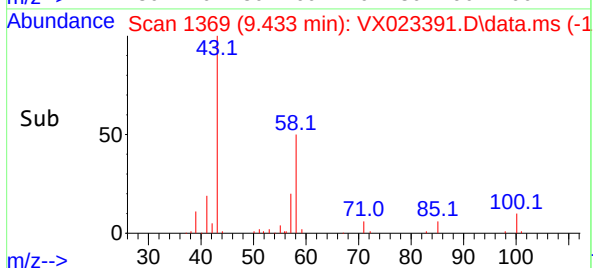
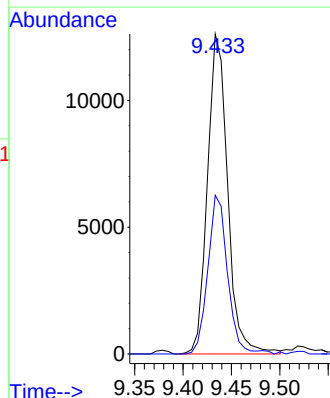
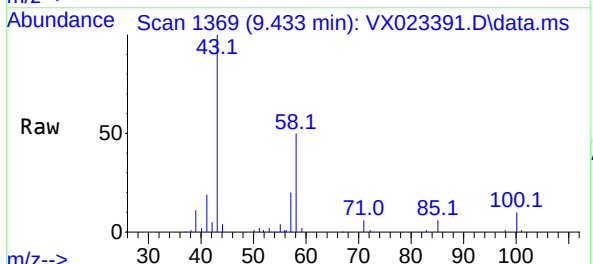
Acq: 22 Jul 2021 22:55

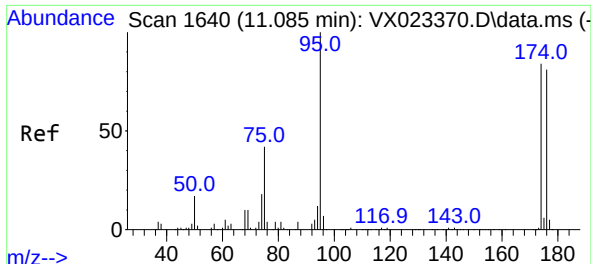
Tgt Ion: 43 Resp: 18346

Ion Ratio Lower Upper

43 100

58 48.4 30.9 92.8

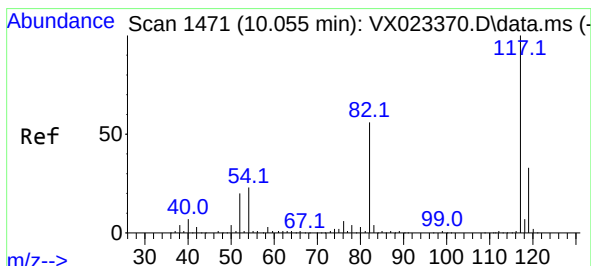
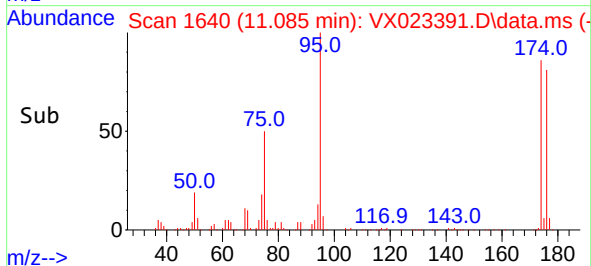
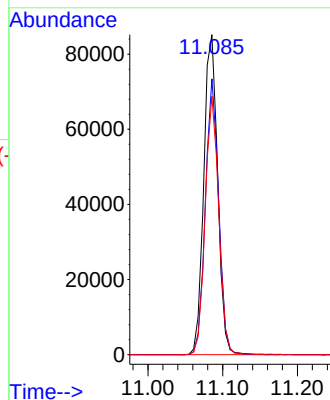
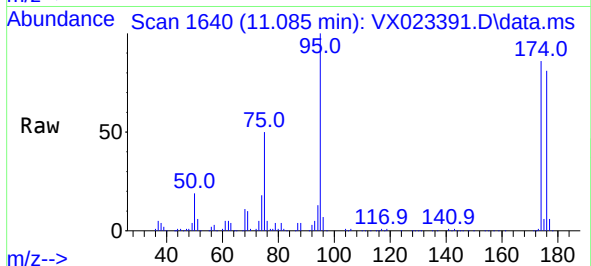




#62
4-Bromofluorobenzene
Concen: 47.183 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023391.D
Acq: 22 Jul 2021 22:55

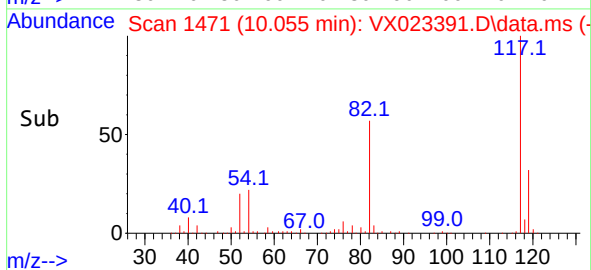
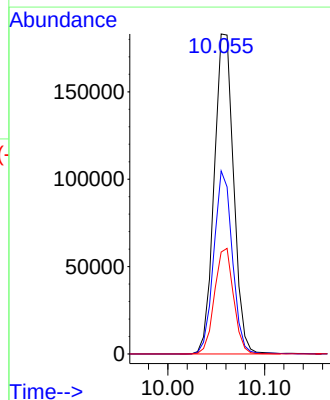
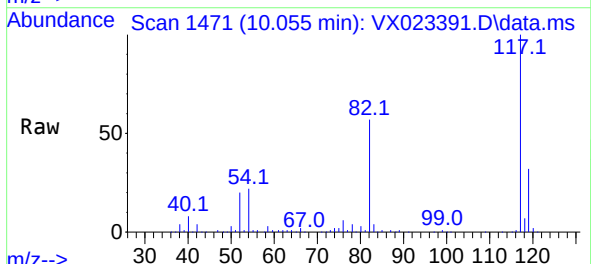
Instrument :
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152140-RB-71921

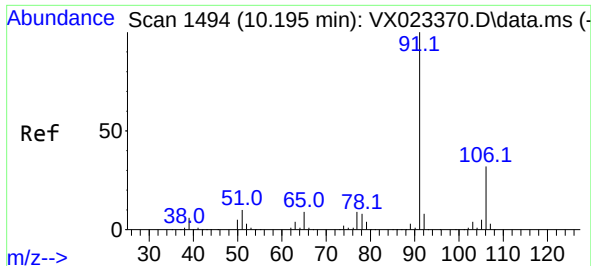
Tgt Ion: 95 Resp: 110111
Ion Ratio Lower Upper
95 100
174 82.6 0.0 154.6
176 78.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023391.D
Acq: 22 Jul 2021 22:55

Tgt Ion: 117 Resp: 255112
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 31.9 26.6 39.8

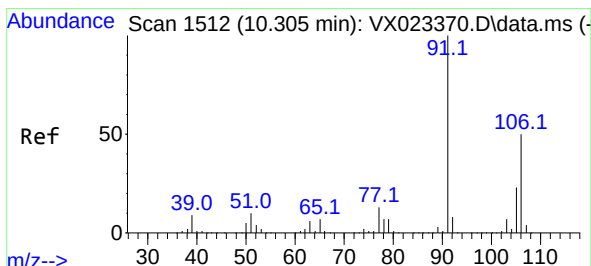
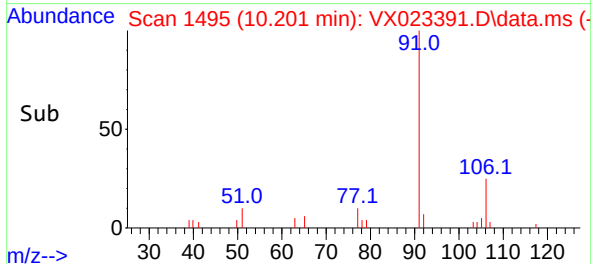
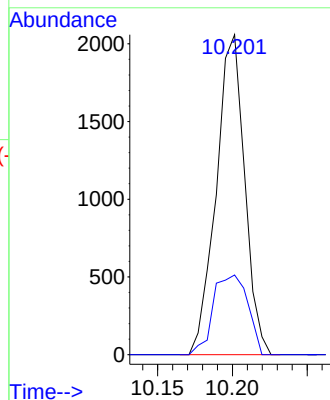
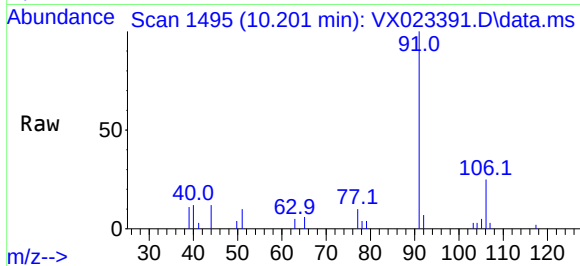




#67
Ethyl Benzene
Concen: 0.301 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX023391.D
Acq: 22 Jul 2021 22:55

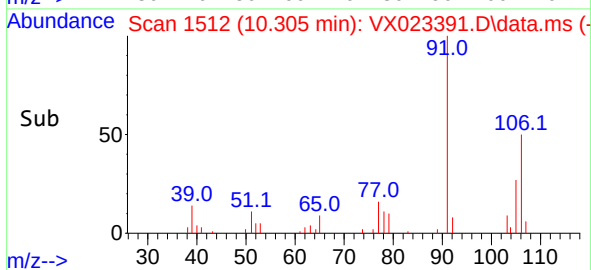
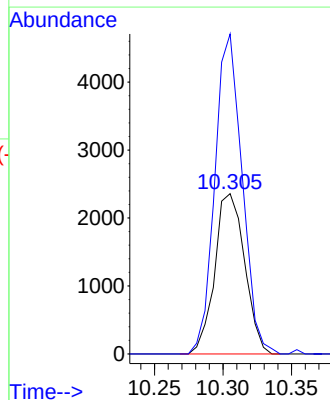
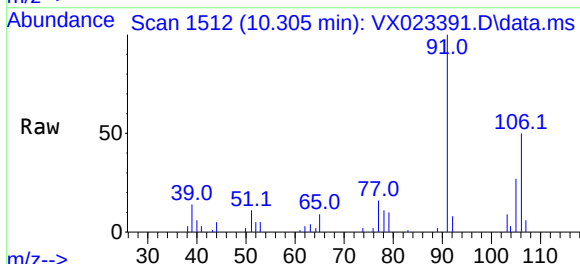
Instrument :
MSVOA_X
ClientSampleId :
152140-RB-71921

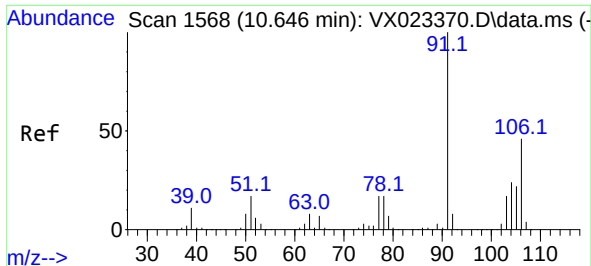
Tgt Ion: 91 Resp: 2724
Ion Ratio Lower Upper
91 100
106 24.9 24.6 37.0



#68
m/p-Xylenes
Concen: 1.030 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX023391.D
Acq: 22 Jul 2021 22:55

Tgt Ion: 106 Resp: 3586
Ion Ratio Lower Upper
106 100
91 182.0 162.8 244.2

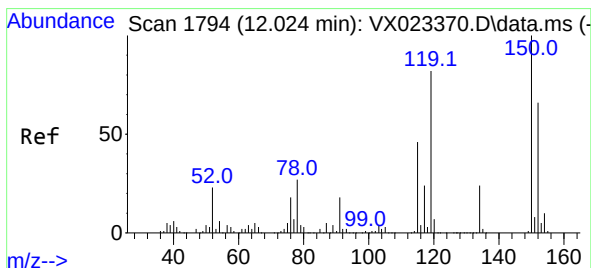
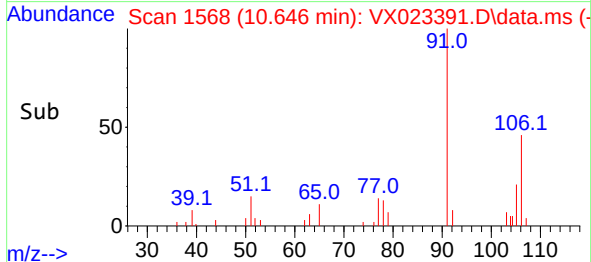
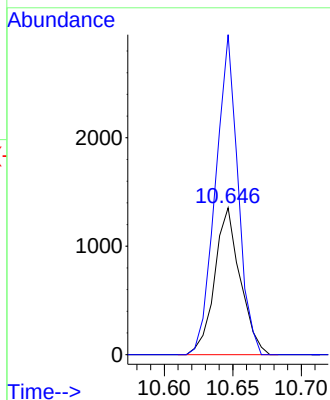
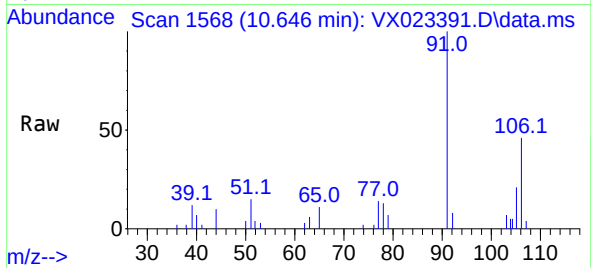




#69
o-Xylene
Concen: 0.510 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023391.D
Acq: 22 Jul 2021 22:55

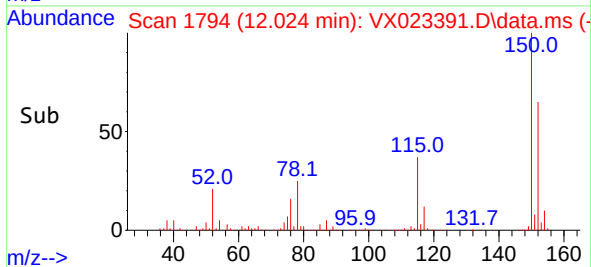
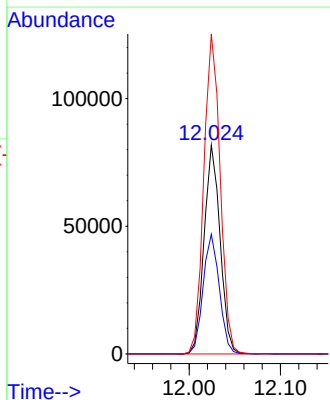
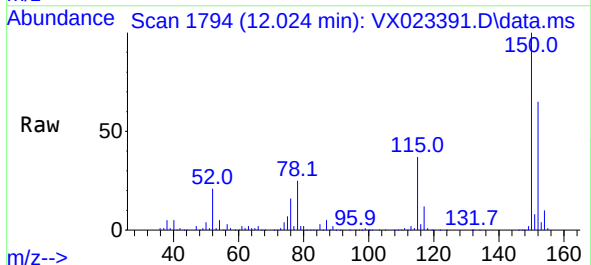
Instrument :
MSVOA_X
ClientSampleId :
152140-RB-71921

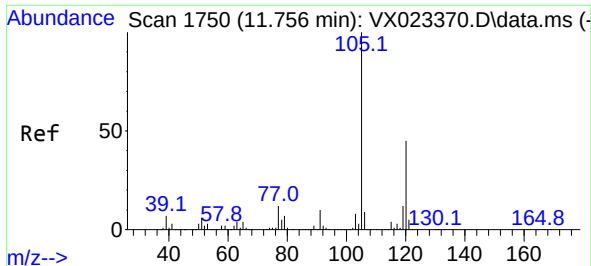
Tgt Ion:106 Resp: 1761
Ion Ratio Lower Upper
106 100
91 191.2 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023391.D
Acq: 22 Jul 2021 22:55

Tgt Ion:152 Resp: 99286
Ion Ratio Lower Upper
152 100
115 57.9 41.1 123.3
150 156.8 0.0 349.0

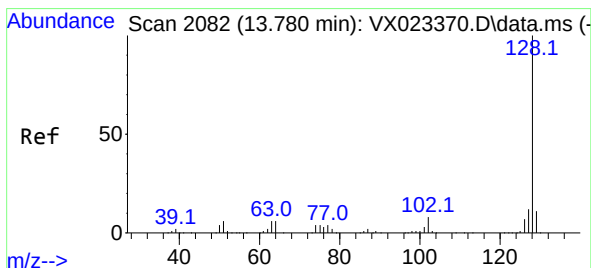
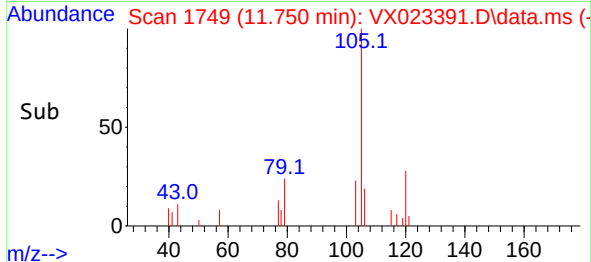
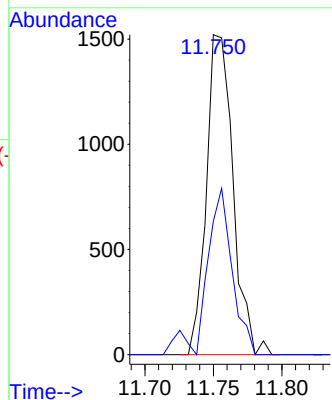
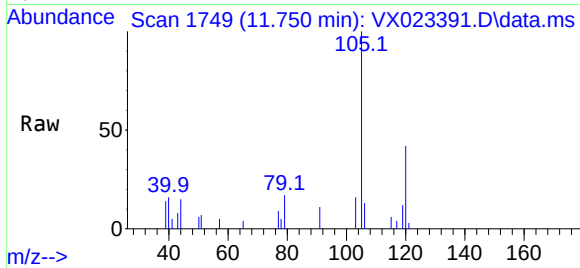




#84
1,2,4-Trimethylbenzene
Concen: 0.338 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX023391.D
Acq: 22 Jul 2021 22:55

Instrument :
MSVOA_X
ClientSampleId :
152140-RB-71921

Tgt Ion:105 Resp: 2052
Ion Ratio Lower Upper
105 100
120 49.9 22.4 67.3



#95
Naphthalene
Concen: 0.438 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023391.D
Acq: 22 Jul 2021 22:55

Tgt Ion:128 Resp: 3062
Ion Ratio Lower Upper
128 100
127 10.4 10.3 15.5
129 12.2 8.8 13.2

