

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024355.D
 Acq On : 20 Sep 2021 16:52
 Operator : JC/MD
 Sample : M3817-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-CB-04-(1.5)

Quant Time: Sep 21 08:42:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

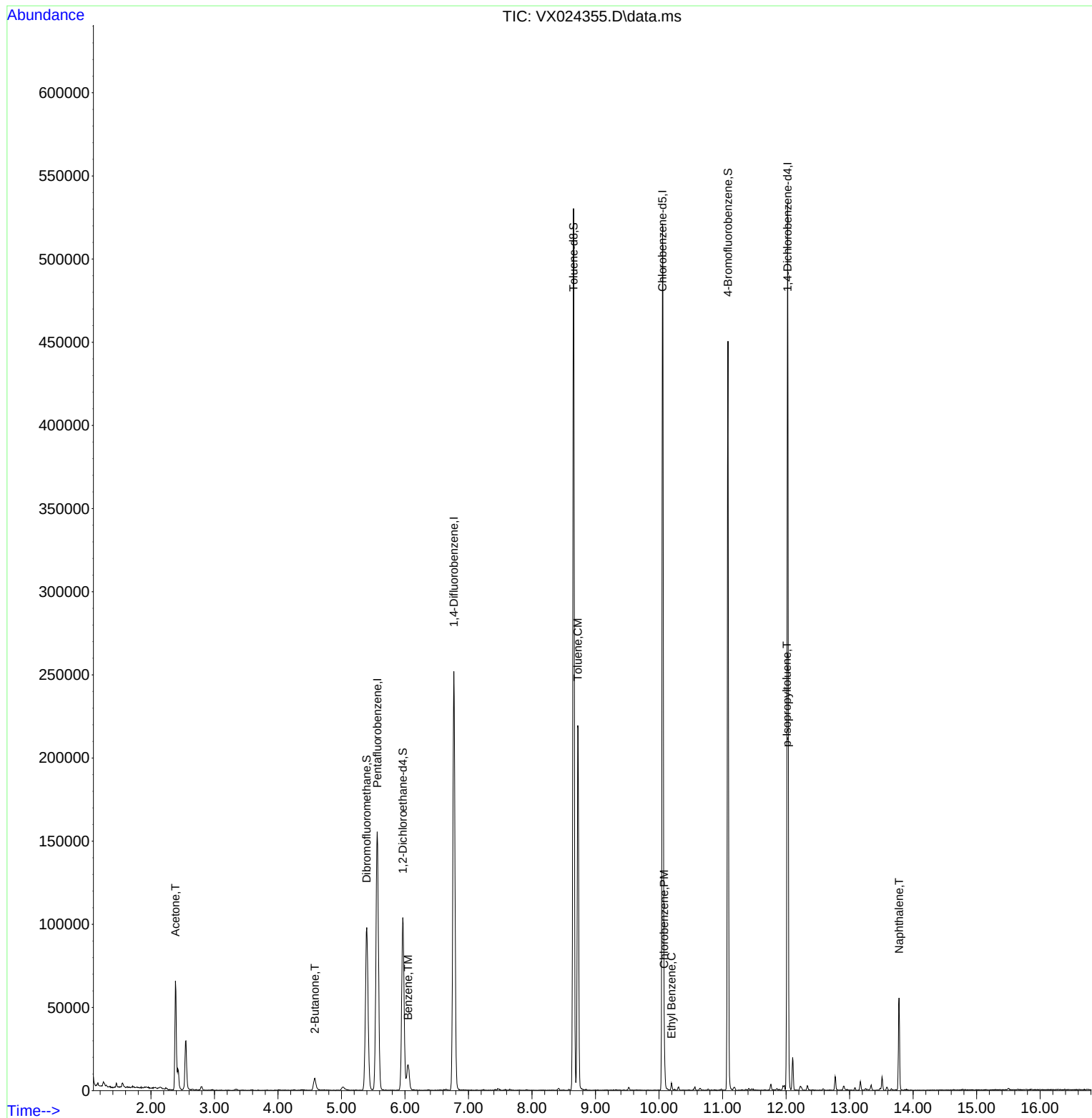
Internal Standards						
1) Pentafluorobenzene	5.562	168	144263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	251719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104594	50.844	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.680%
35) Dibromofluoromethane	5.397	113	85720	50.778	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.560%
50) Toluene-d8	8.653	98	308136	50.105	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.200%
62) 4-Bromofluorobenzene	11.085	95	114540	47.859	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.720%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	67498	76.951	ug/l	89
25) 2-Butanone	4.580	43	12544	9.709	ug/l #	87
40) Benzene	6.050	78	18728	2.821	ug/l	100
52) Toluene	8.720	92	83099	19.101	ug/l	97
65) Chlorobenzene	10.079	112	8799	1.789	ug/l	99
67) Ethyl Benzene	10.195	91	2324	0.270	ug/l	93
86) p-Isopropyltoluene	12.012	119	13112	1.925	ug/l	93
95) Naphthalene	13.780	128	34790	5.724	ug/l	98

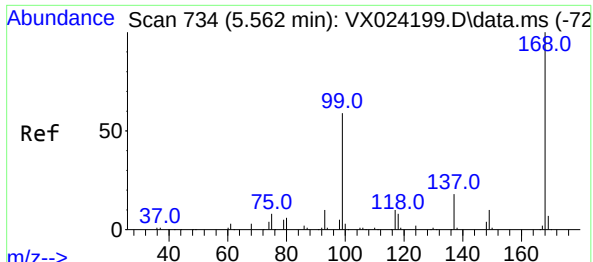
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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SW-CB-04-(1.5)

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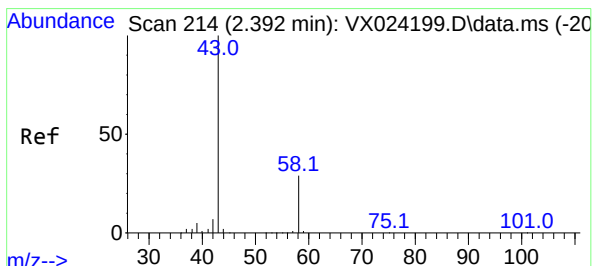
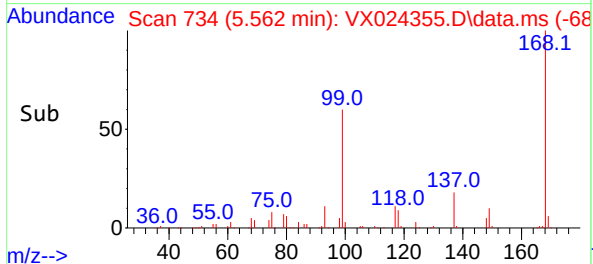
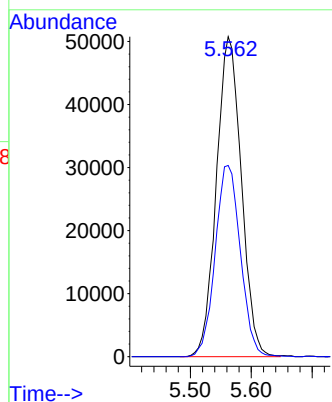
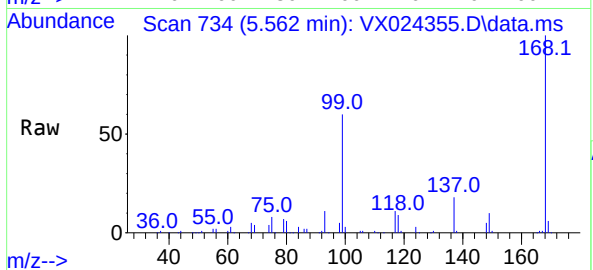




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024355.D
Acq: 20 Sep 2021 16:52

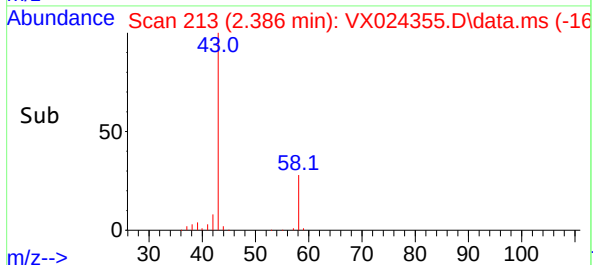
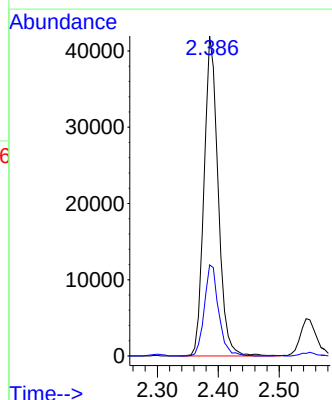
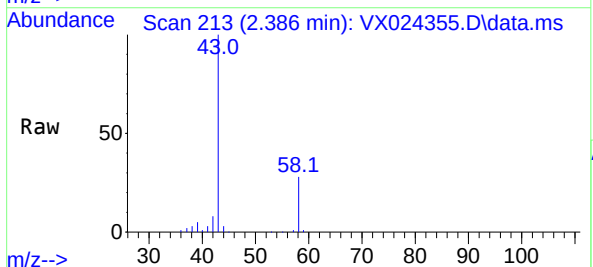
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-04-(1.5)

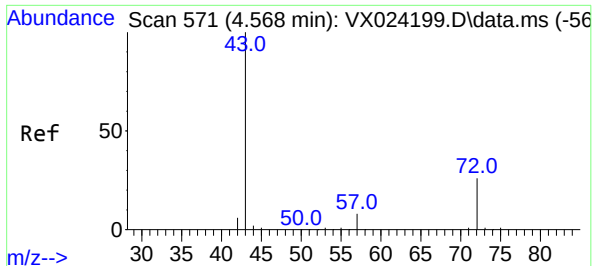
Tgt Ion:168 Resp: 144263
Ion Ratio Lower Upper
168 100
99 59.7 45.8 68.6



#16
Acetone
Concen: 76.951 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024355.D
Acq: 20 Sep 2021 16:52

Tgt Ion: 43 Resp: 67498
Ion Ratio Lower Upper
43 100
58 28.4 27.8 41.8

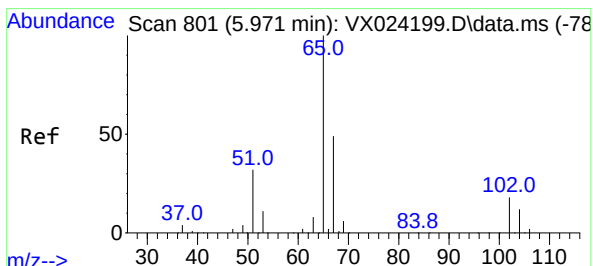
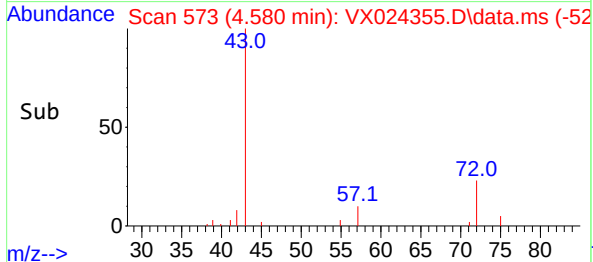
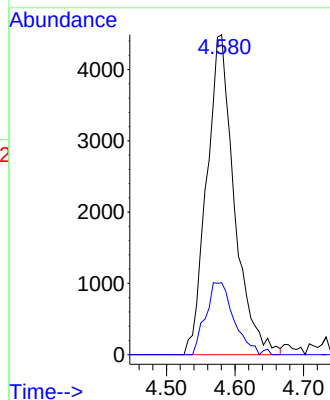
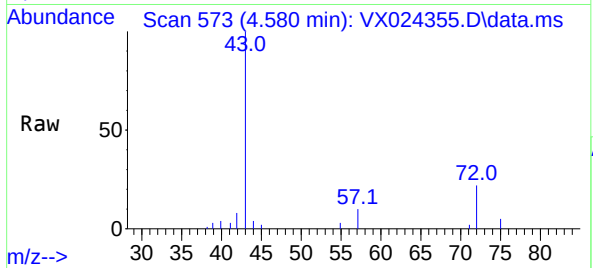




#25
2-Butanone
Concen: 9.709 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX024355.D
Acq: 20 Sep 2021 16:52

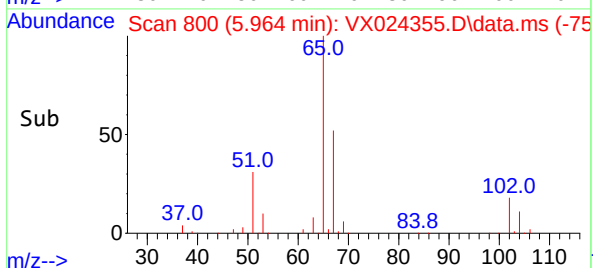
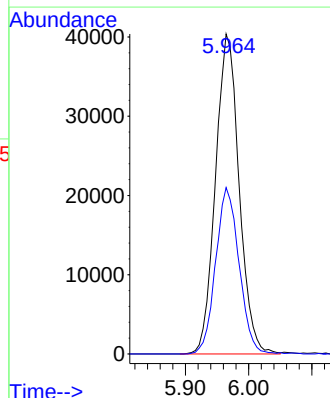
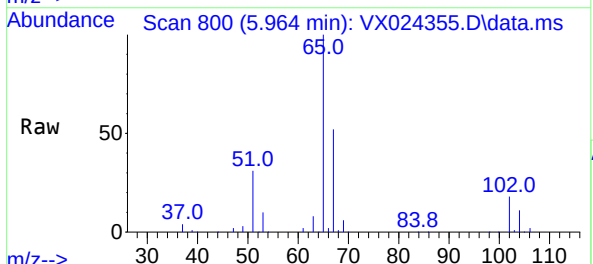
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-04-(1.5)

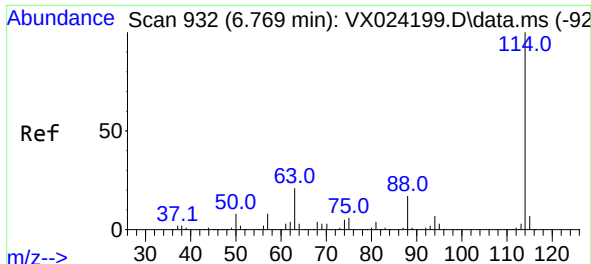
Tgt Ion: 43 Resp: 12544
Ion Ratio Lower Upper
43 100
72 22.5 23.7 35.5#



#33
1,2-Dichloroethane-d4
Concen: 50.844 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024355.D
Acq: 20 Sep 2021 16:52

Tgt Ion: 65 Resp: 104594
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

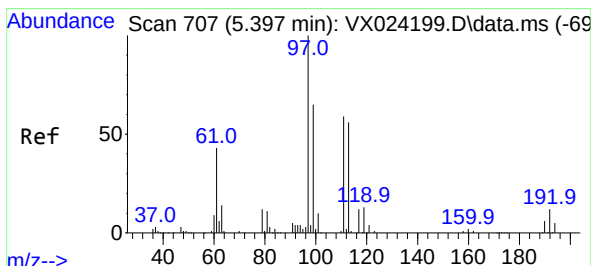
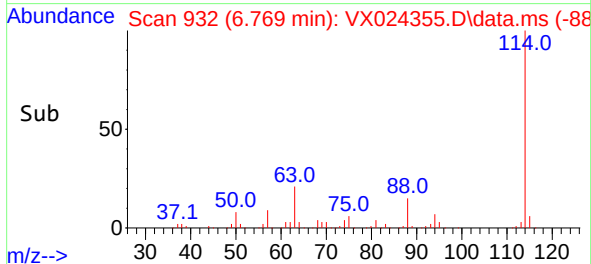
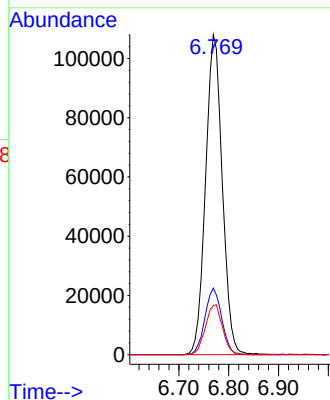
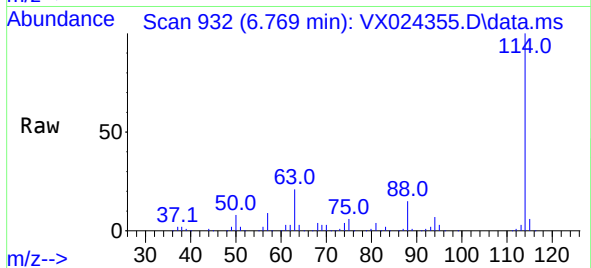




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024355.D
Acq: 20 Sep 2021 16:52

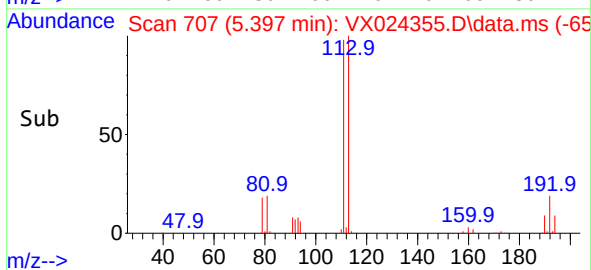
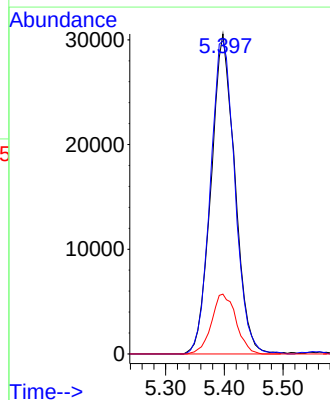
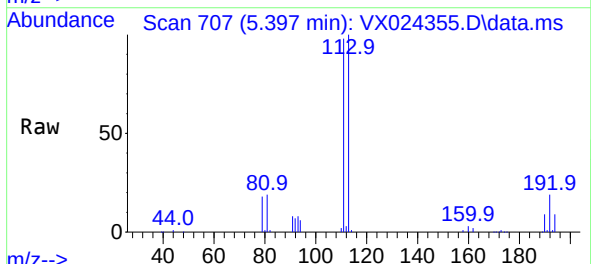
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-04-(1.5)

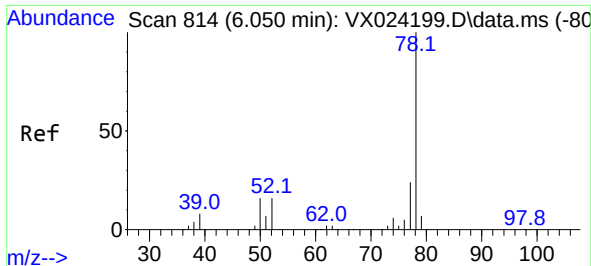
Tgt Ion:114 Resp: 251719
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.778 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024355.D
Acq: 20 Sep 2021 16:52

Tgt Ion:113 Resp: 85720
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 19.3 16.7 25.1

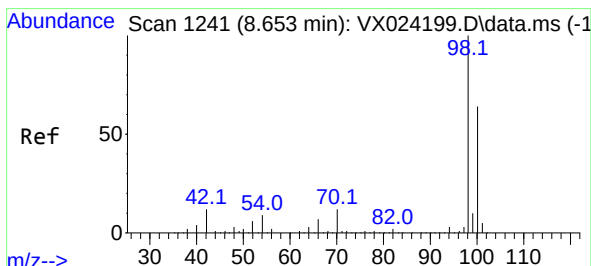
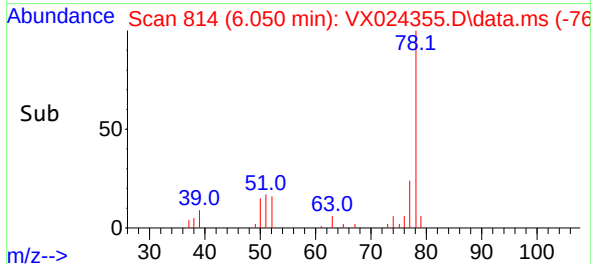
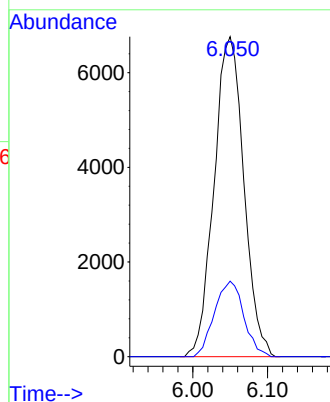
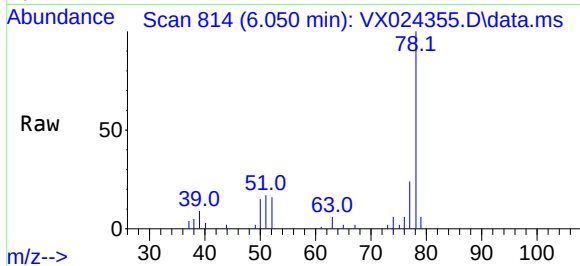




#40
Benzene
Concen: 2.821 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX024355.D
Acq: 20 Sep 2021 16:52

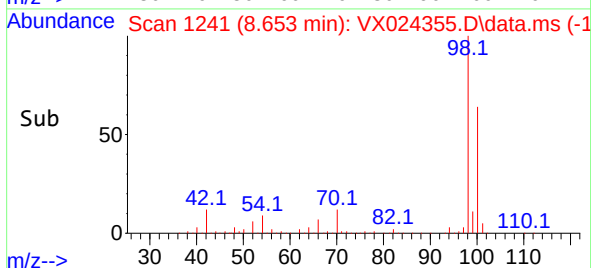
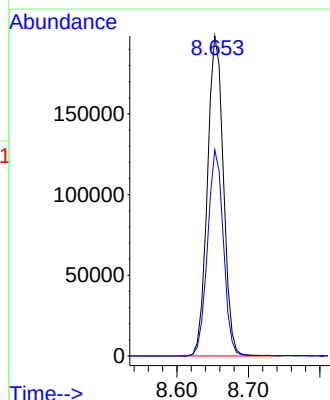
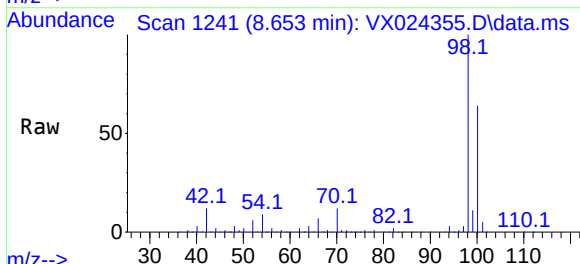
Instrument :
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SW-CB-04-(1.5)

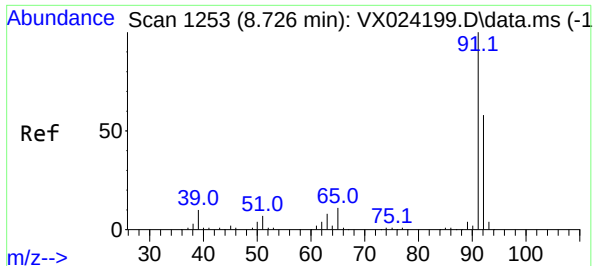
Tgt Ion: 78 Resp: 18728
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3



#50
Toluene-d8
Concen: 50.105 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024355.D
Acq: 20 Sep 2021 16:52

Tgt Ion: 98 Resp: 308136
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9





#52

Toluene

Concen: 19.101 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.006 min

Lab File: VX024355.D

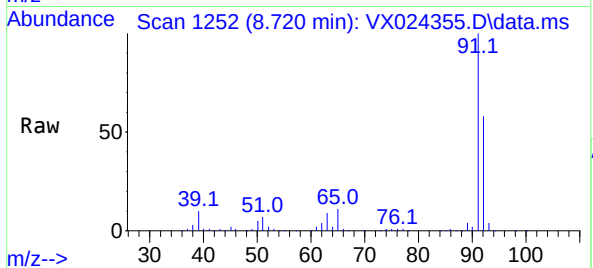
Acq: 20 Sep 2021 16:52

Tgt Ion: 92 Resp: 83099

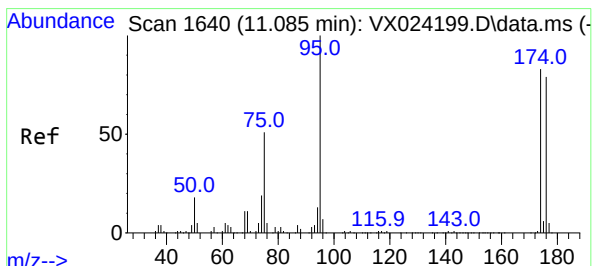
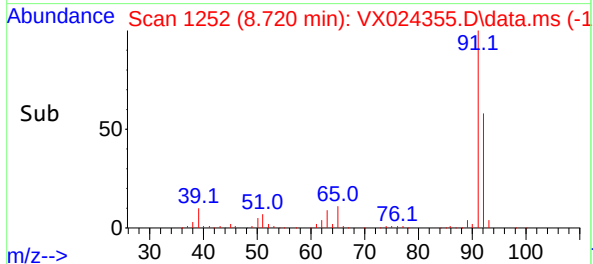
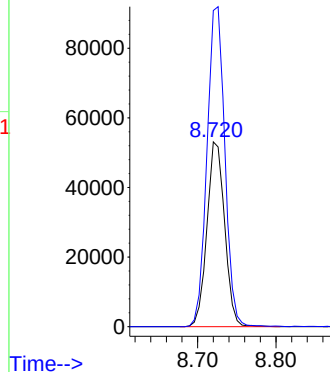
Ion Ratio Lower Upper

92 100

91 175.0 137.1 205.7



Abundance



#62

4-Bromofluorobenzene

Concen: 47.859 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024355.D

Acq: 20 Sep 2021 16:52

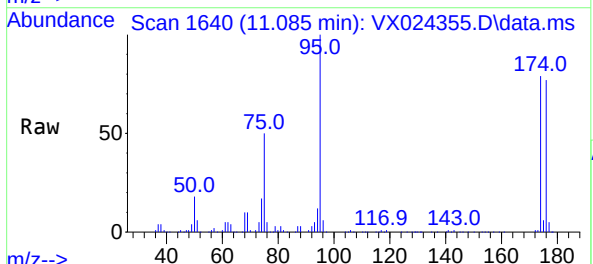
Tgt Ion: 95 Resp: 114540

Ion Ratio Lower Upper

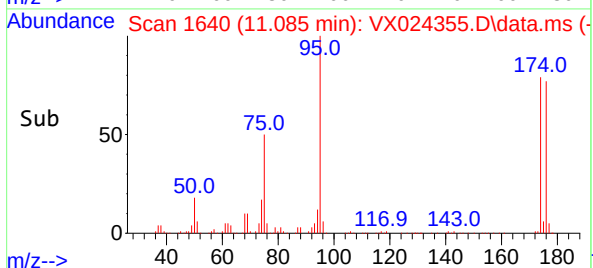
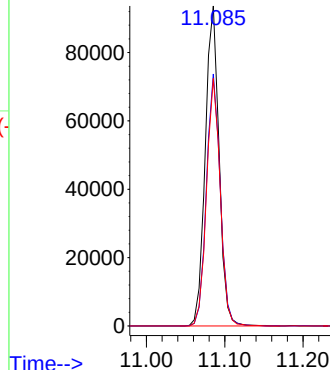
95 100

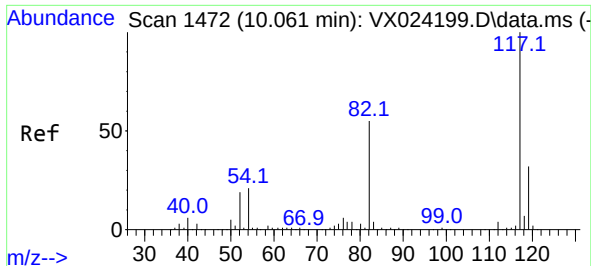
174 78.3 0.0 154.6

176 76.6 0.0 155.8



Abundance

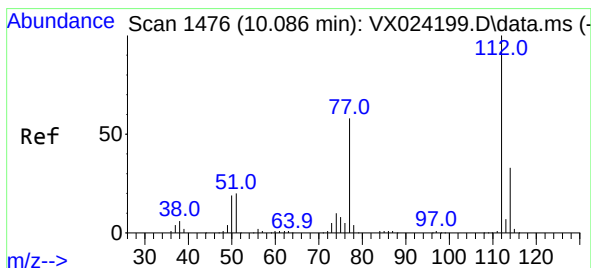
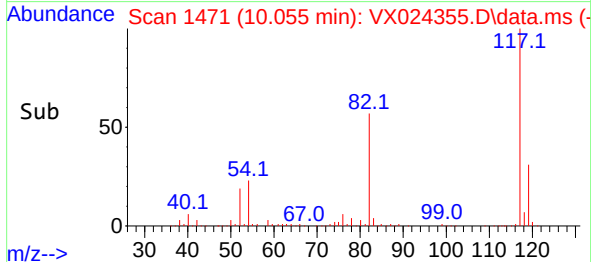
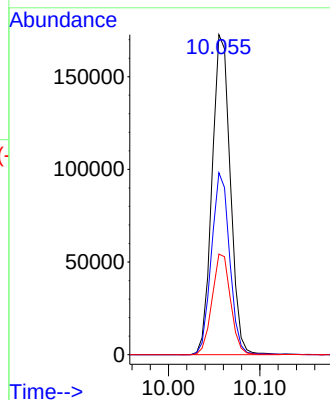
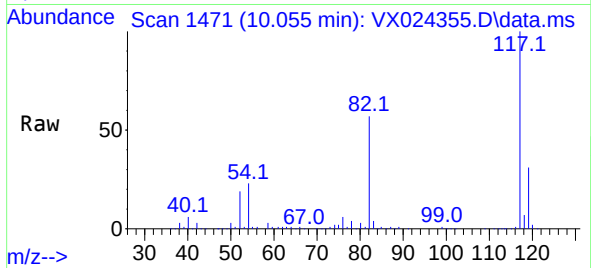




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024355.D
Acq: 20 Sep 2021 16:52

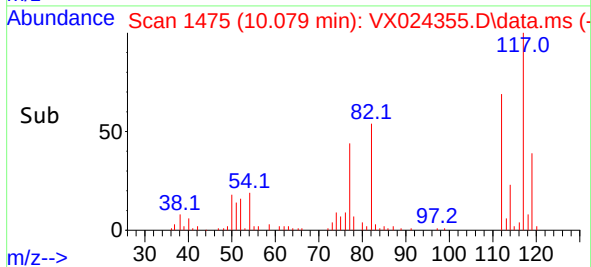
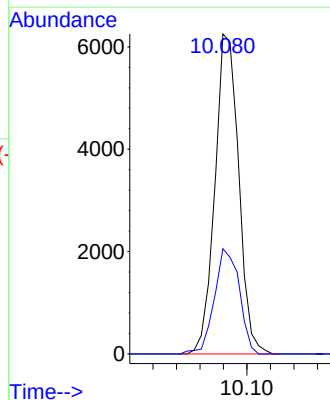
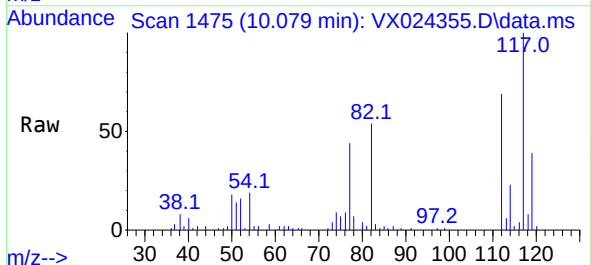
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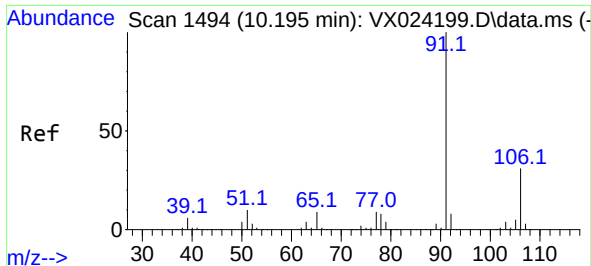
Tgt Ion:117 Resp: 239056
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 31.5 26.6 39.8



#65
Chlorobenzene
Concen: 1.789 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.007 min
Lab File: VX024355.D
Acq: 20 Sep 2021 16:52

Tgt Ion:112 Resp: 8799
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6

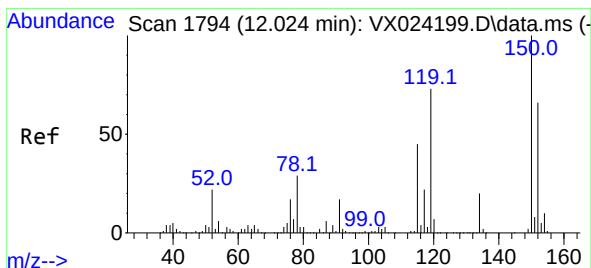
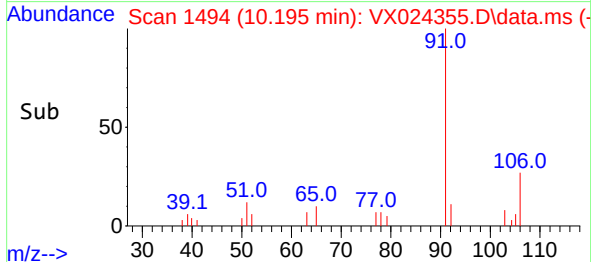
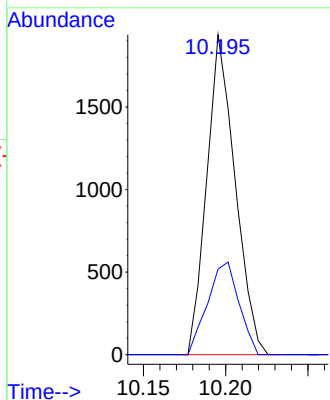
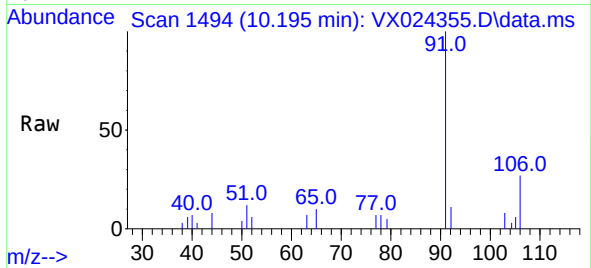




#67
Ethyl Benzene
Concen: 0.270 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024355.D
Acq: 20 Sep 2021 16:52

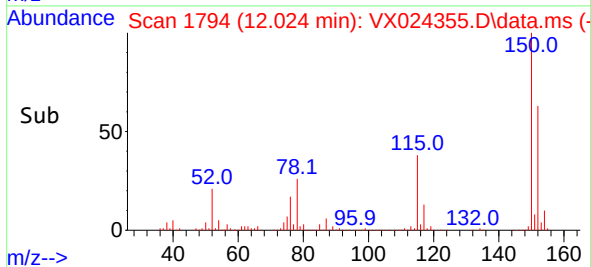
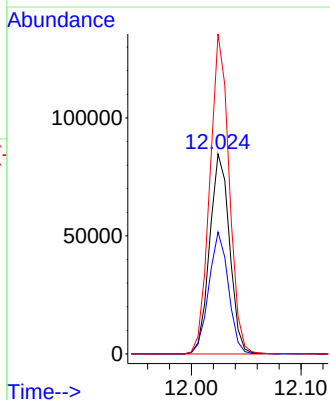
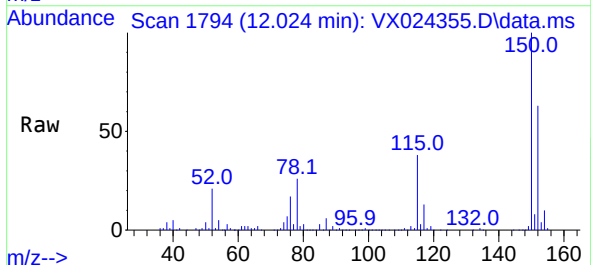
Instrument :
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SW-CB-04-(1.5)

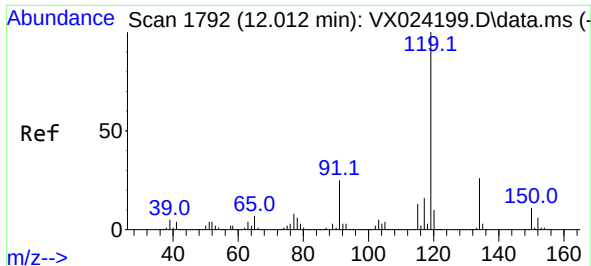
Tgt Ion: 91 Resp: 2324
Ion Ratio Lower Upper
91 100
106 26.8 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024355.D
Acq: 20 Sep 2021 16:52

Tgt Ion: 152 Resp: 106898
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 155.6 0.0 349.0

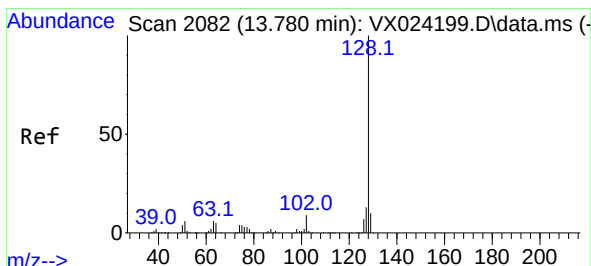
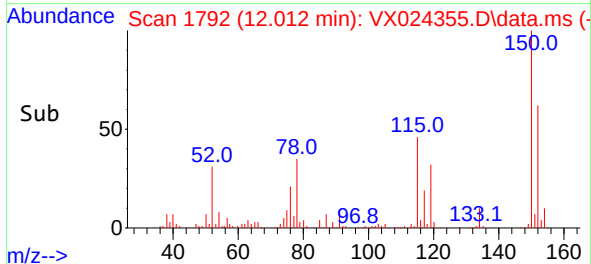
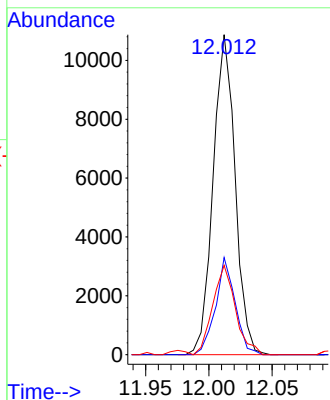
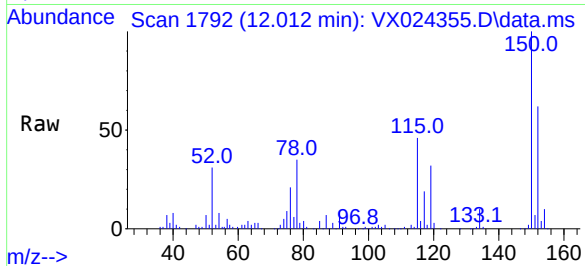




#86
p-Isopropyltoluene
Concen: 1.925 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX024355.D
Acq: 20 Sep 2021 16:52

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-04-(1.5)

Tgt Ion:	119	Resp:	13112
Ion	Ratio	Lower	Upper
119	100		
134	27.0	12.9	38.7
91	28.8	11.7	35.0



#95
Naphthalene
Concen: 5.724 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024355.D
Acq: 20 Sep 2021 16:52

Tgt Ion:	128	Resp:	34790
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.3	15.5
129	10.6	8.8	13.2

