

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012221\
 Data File : VX020710.D
 Acq On : 22 Jan 2021 15:20
 Operator : JC/SP
 Sample : M1219-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-BR2-AQ-012121-01

Quant Time: Jan 23 01:41:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 14:09:08 2021
 Response via : Initial Calibration

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

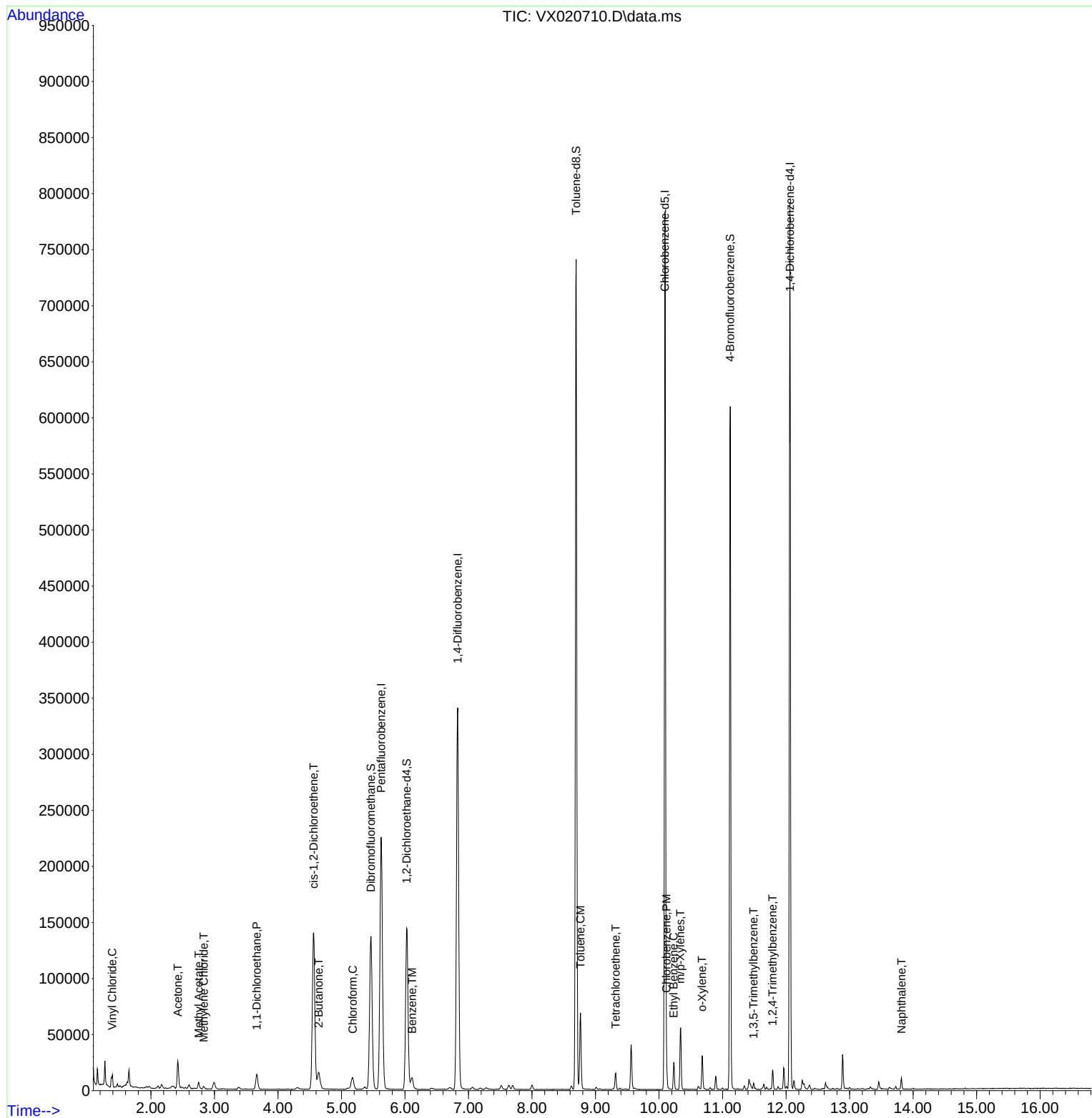
Internal Standards						
1) Pentafluorobenzene	5.623	168	214065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	351445	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	357860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	161464	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	142076	48.54	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.08%		
35) Dibromofluoromethane	5.465	113	119558	49.38	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.76%		
50) Toluene-d8	8.696	98	451306	51.69	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.38%		
62) 4-Bromofluorobenzene	11.122	95	173329	52.52	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.04%		
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	4950	1.63	ug/l	94
16) Acetone	2.422	43	24236	21.32	ug/l	100
18) Methyl Acetate	2.752	43	6943	2.69	ug/l	96
20) Methylene Chloride	2.831	84	1005	0.36	ug/l #	86
24) 1,1-Dichloroethane	3.666	63	15252	3.40	ug/l	98
25) 2-Butanone	4.641	43	25671	15.45	ug/l	96
27) cis-1,2-Dichloroethene	4.562	96	94058	32.60	ug/l	90
30) Chloroform	5.178	83	11010	2.30	ug/l	94
40) Benzene	6.111	78	12271	1.18	ug/l	99
52) Toluene	8.763	92	25161	3.94	ug/l	99
64) Tetrachloroethene	9.317	164	2916	1.02	ug/l	93
65) Chlorobenzene	10.116	112	6289	0.81	ug/l	97
67) Ethyl Benzene	10.232	91	13834	1.05	ug/l	99
68) m/p-Xylenes	10.336	106	13508	2.77	ug/l	98
69) o-Xylene	10.677	106	6375	1.36	ug/l	90
80) 1,3,5-Trimethylbenzene	11.488	105	2411	0.25	ug/l	99
84) 1,2,4-Trimethylbenzene	11.787	105	7318	1.09	ug/l	99
95) Naphthalene	13.817	128	6165	2.44	ug/l #	97

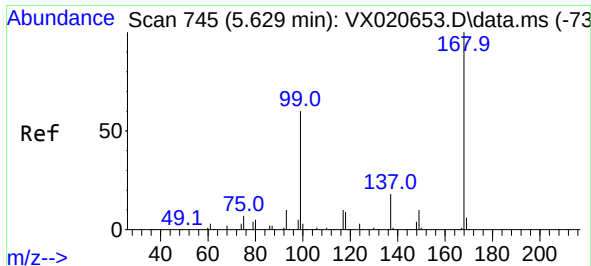
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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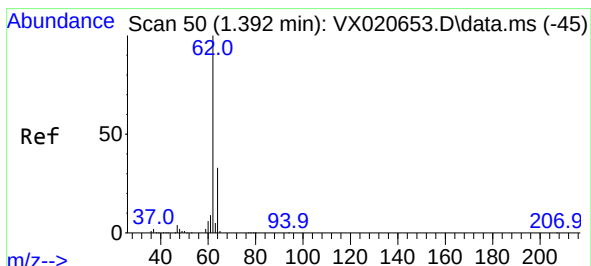
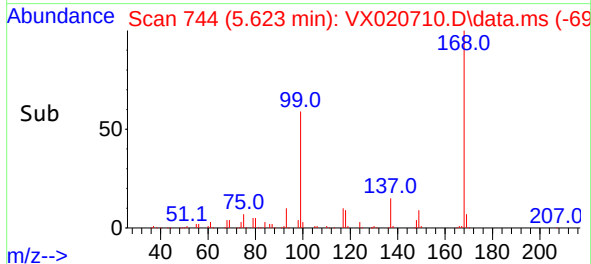
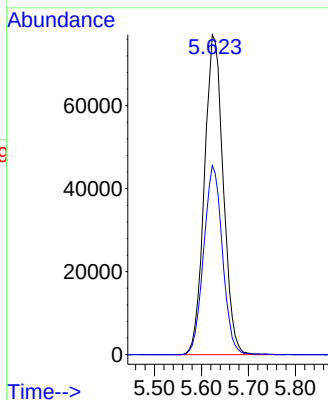
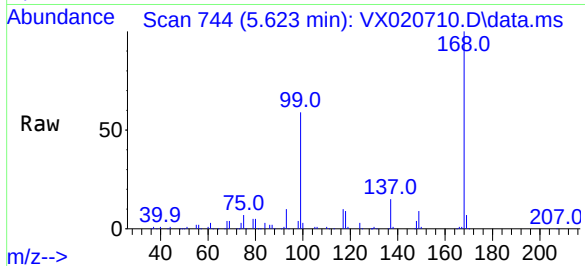




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

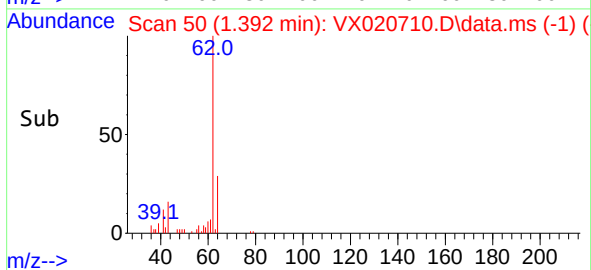
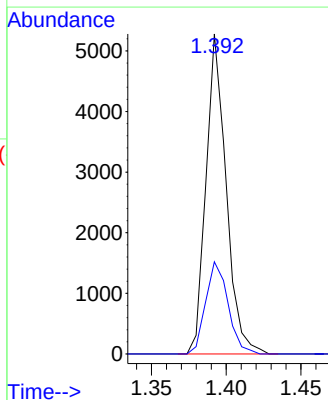
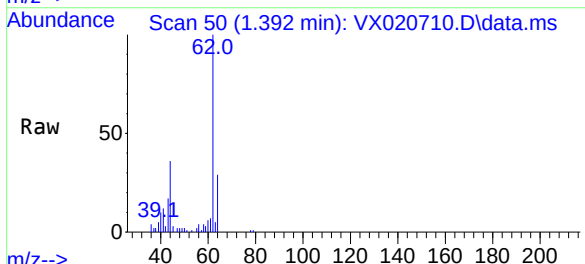
Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-01

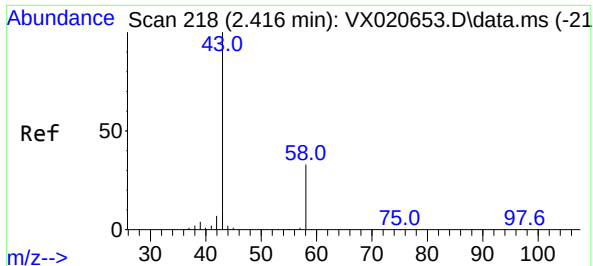
Tgt Ion:168 Resp: 214065
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.6



#4
Vinyl Chloride
Concen: 1.63 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

Tgt Ion: 62 Resp: 4950
Ion Ratio Lower Upper
62 100
64 28.8 25.7 38.5

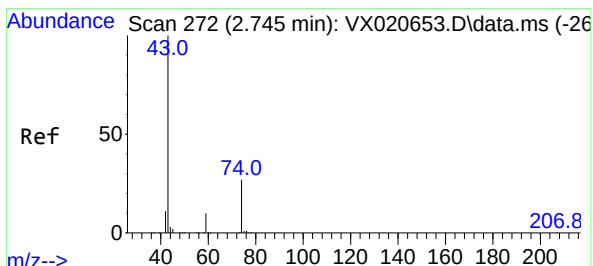
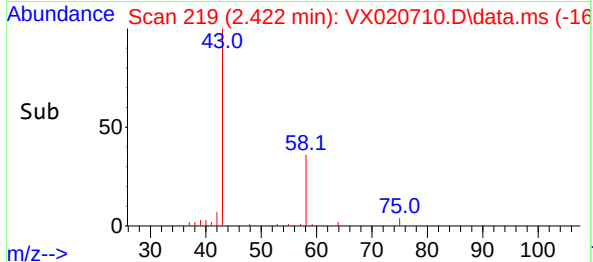
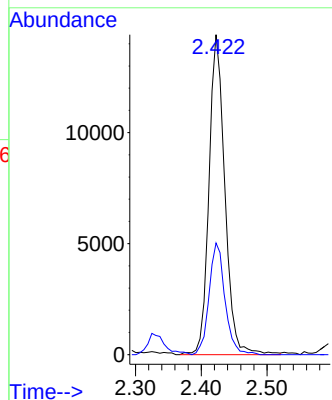
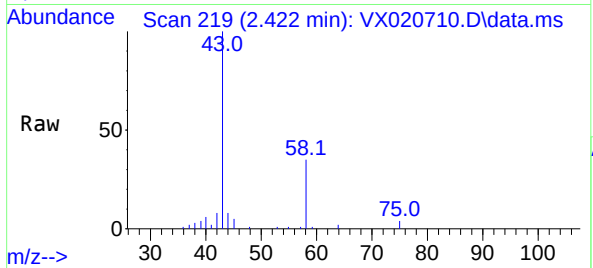




#16
Acetone
Concen: 21.32 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

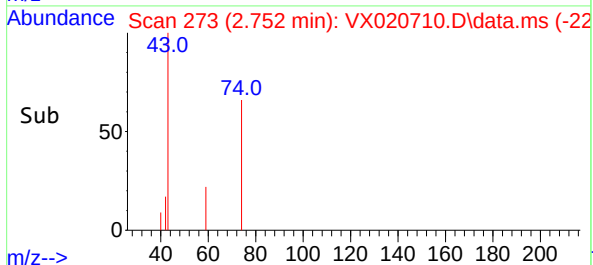
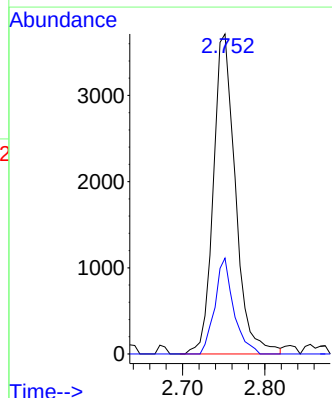
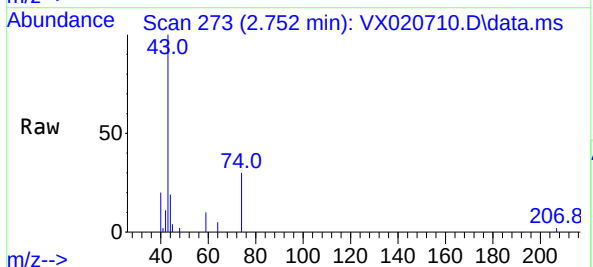
Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-01

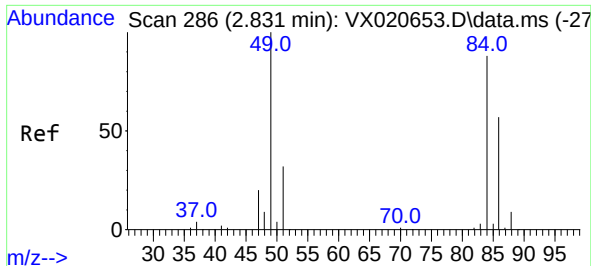
Tgt Ion: 43 Resp: 24236
Ion Ratio Lower Upper
43 100
58 34.9 27.8 41.8



#18
Methyl Acetate
Concen: 2.69 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.007 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

Tgt Ion: 43 Resp: 6943
Ion Ratio Lower Upper
43 100
74 25.4 21.9 32.9



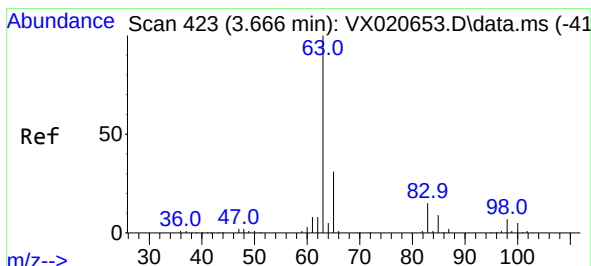
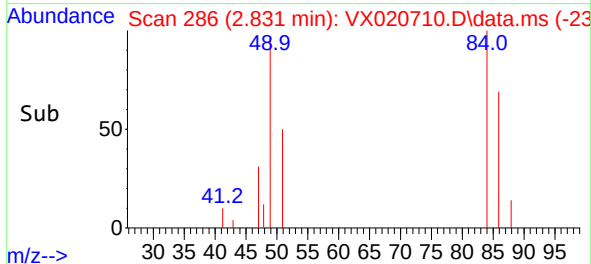
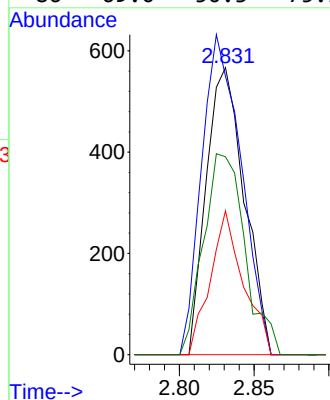
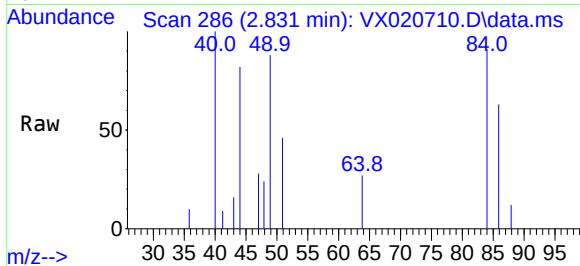


#20
Methylene Chloride
Concen: 0.36 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-01

Tgt Ion: 84 Resp: 1005

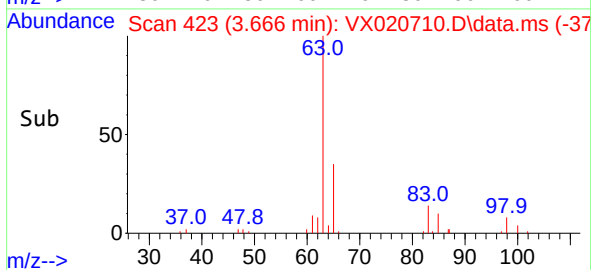
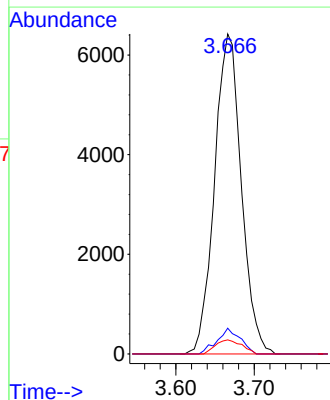
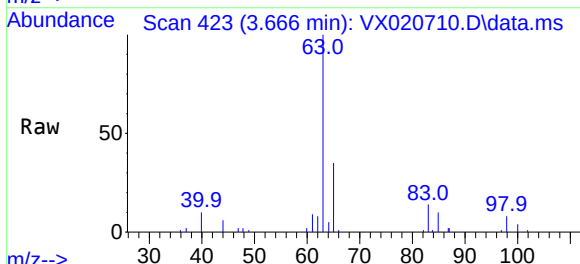
Ion	Ratio	Lower	Upper
84	100		
49	97.0	88.6	132.8
51	50.1	27.0	40.6#
86	69.0	50.3	75.5

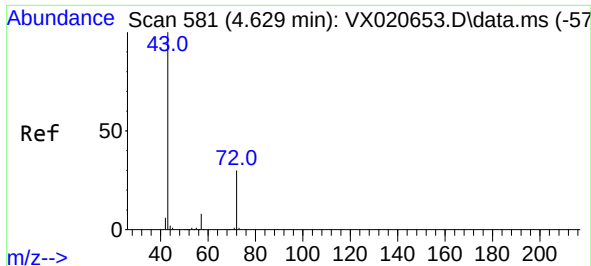


#24
1,1-Dichloroethane
Concen: 3.40 ug/l
RT: 3.666 min Scan# 423
Delta R.T. 0.000 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

Tgt Ion: 63 Resp: 15252

Ion	Ratio	Lower	Upper
63	100		
98	8.0	3.8	11.2
100	4.4	2.5	7.5

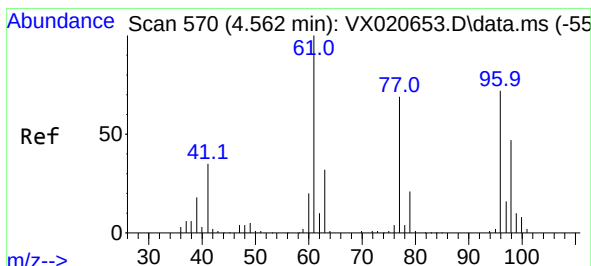
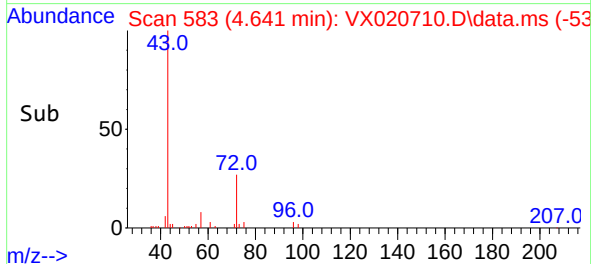
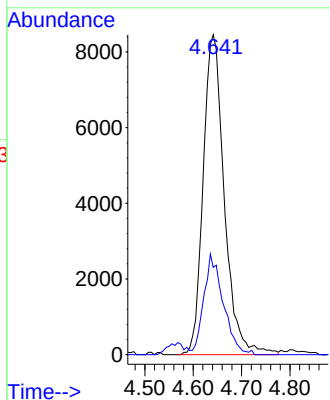
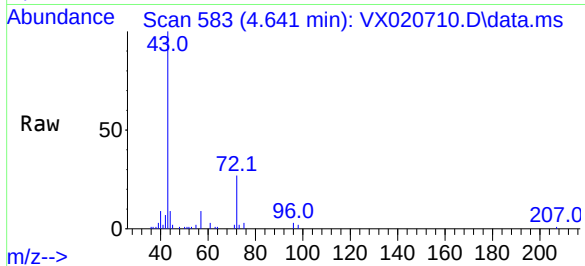




#25
2-Butanone
Concen: 15.45 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.012 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

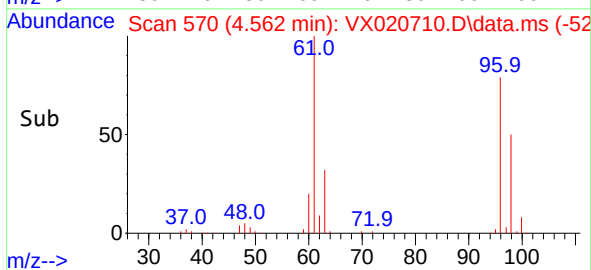
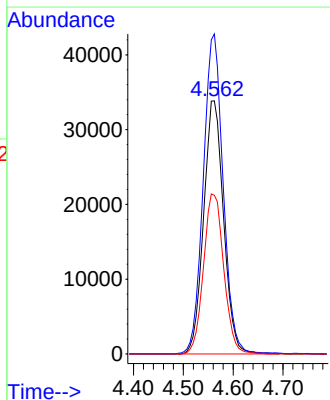
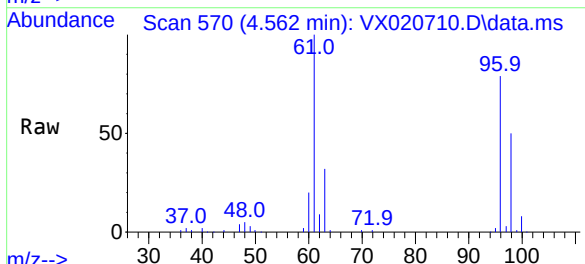
Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-01

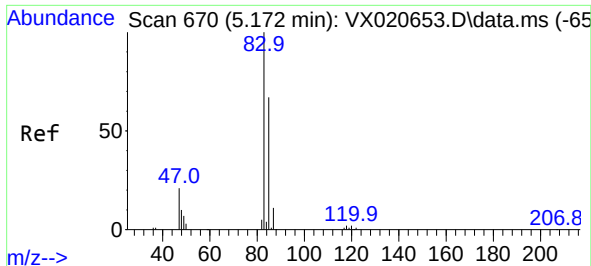
Tgt Ion: 43 Resp: 25671
Ion Ratio Lower Upper
43 100
72 27.3 23.7 35.5



#27
cis-1,2-Dichloroethene
Concen: 32.60 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

Tgt Ion: 96 Resp: 94058
Ion Ratio Lower Upper
96 100
61 126.0 0.0 285.6
98 64.1 0.0 129.6

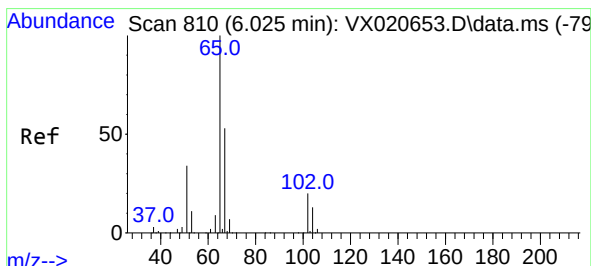
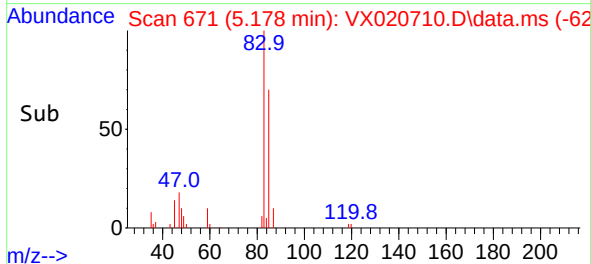
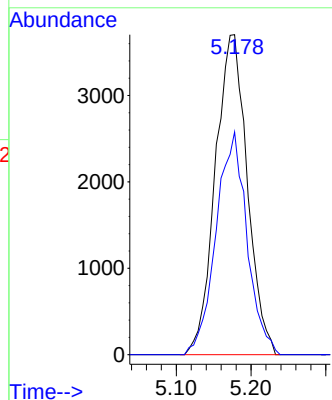
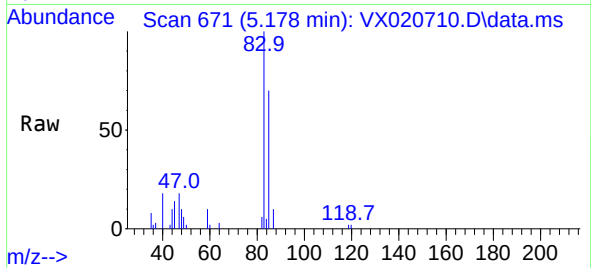




#30
Chloroform
Concen: 2.30 ug/l
RT: 5.178 min Scan# 671
Delta R.T. 0.006 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

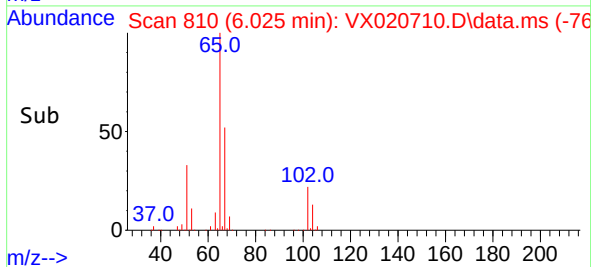
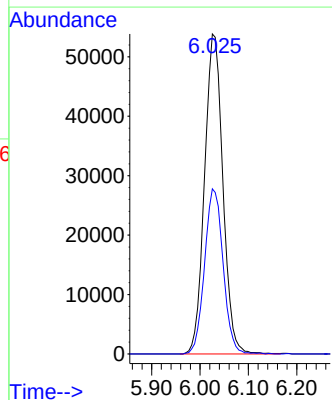
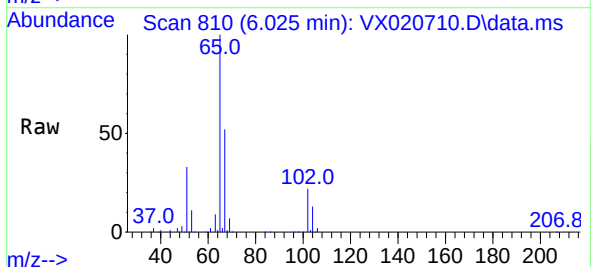
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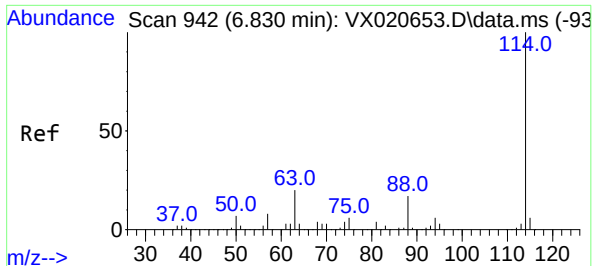
Tgt Ion: 83 Resp: 11010
Ion Ratio Lower Upper
83 100
85 69.6 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 48.54 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

Tgt Ion: 65 Resp: 142076
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

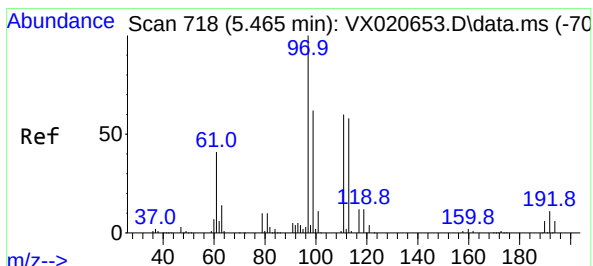
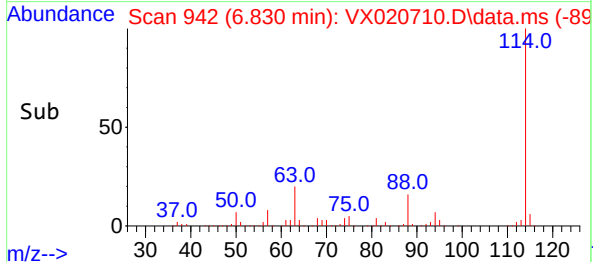
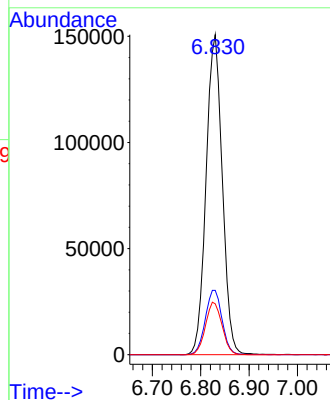
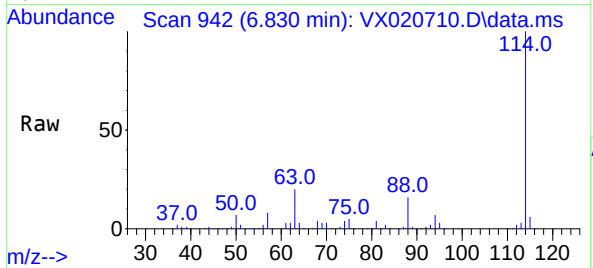




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

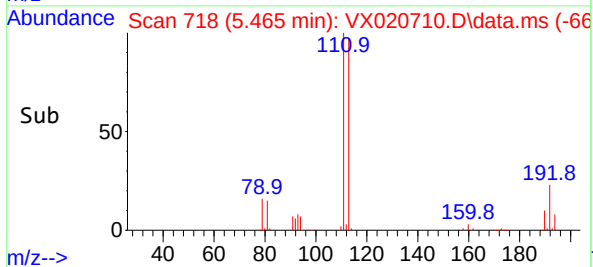
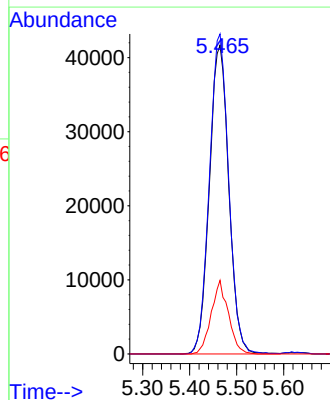
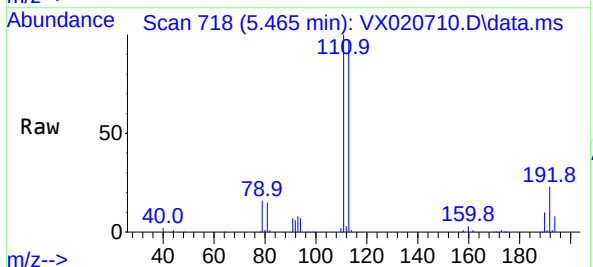
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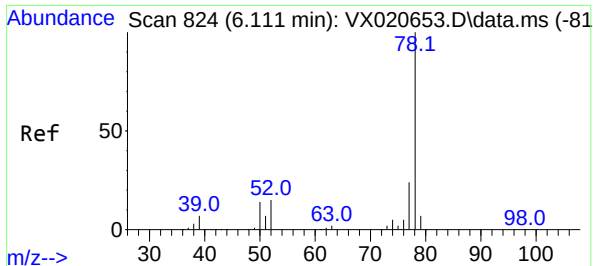
Tgt Ion:114 Resp: 351445
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.38 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

Tgt Ion:113 Resp: 119558
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 21.1 16.7 25.1

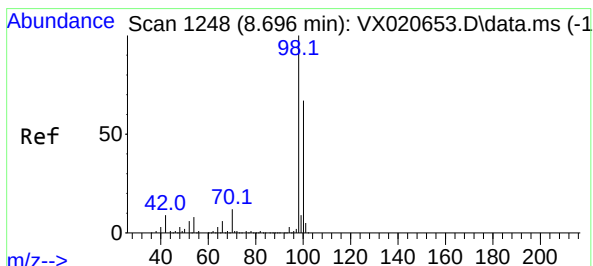
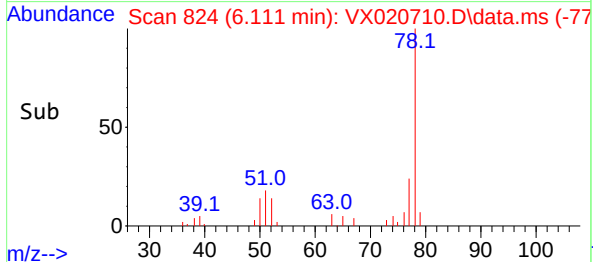
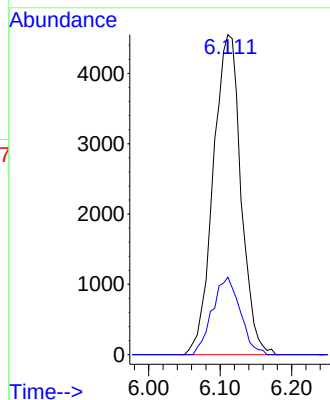
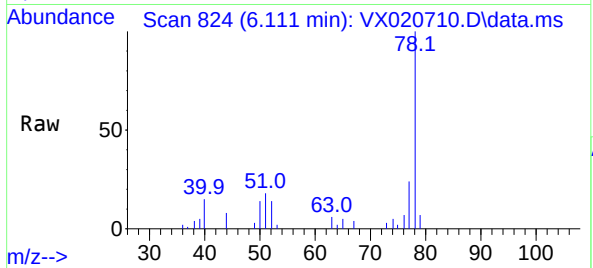




#40
Benzene
Concen: 1.18 ug/l
RT: 6.111 min Scan# 824
Delta R.T. -0.000 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

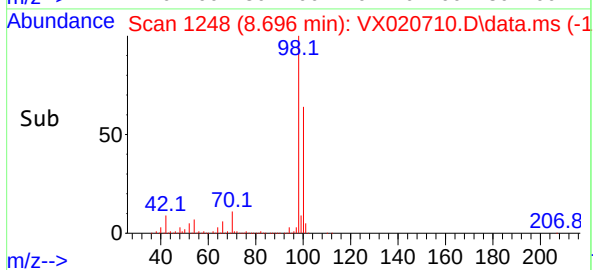
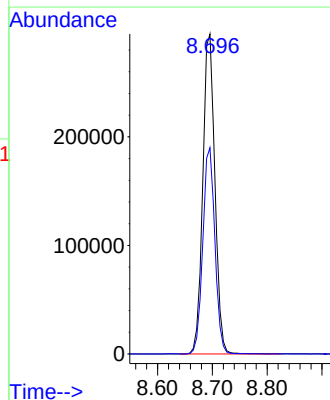
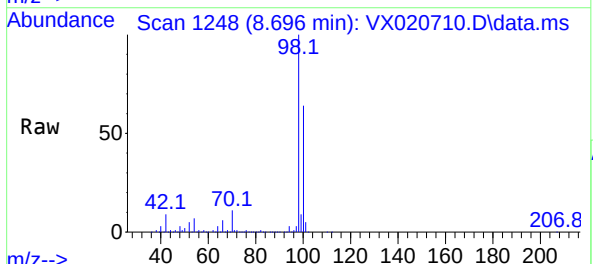
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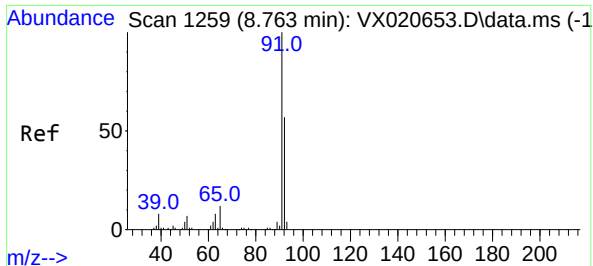
Tgt Ion: 78 Resp: 12271
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3



#50
Toluene-d8
Concen: 51.69 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

Tgt Ion: 98 Resp: 451306
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

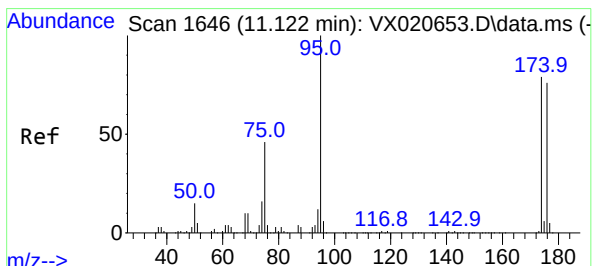
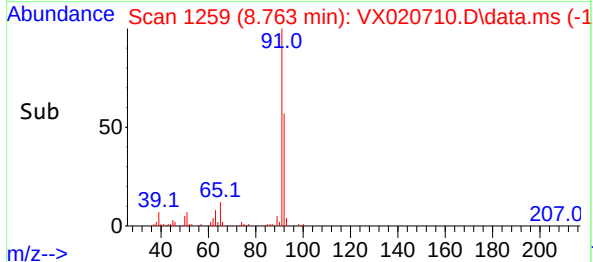
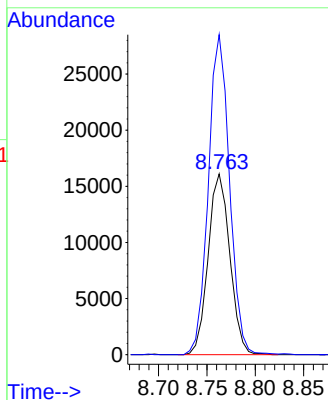
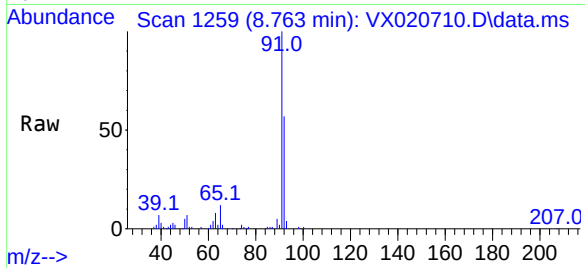




#52
Toluene
Concen: 3.94 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

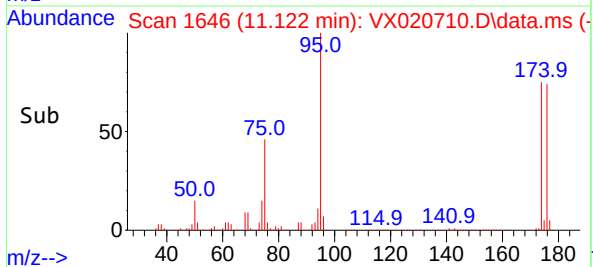
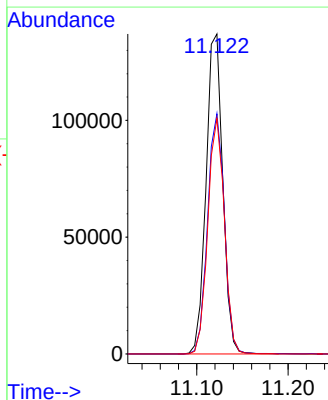
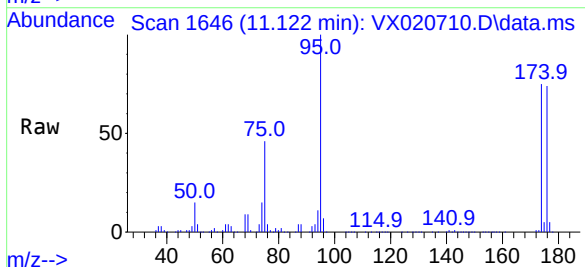
Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-01

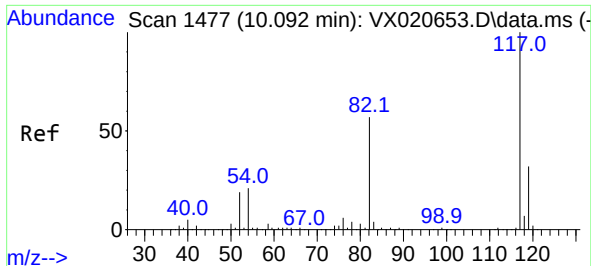
Tgt Ion: 92 Resp: 25161
Ion Ratio Lower Upper
92 100
91 172.7 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 52.52 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

Tgt Ion: 95 Resp: 173329
Ion Ratio Lower Upper
95 100
174 75.6 0.0 154.6
176 73.1 0.0 155.8

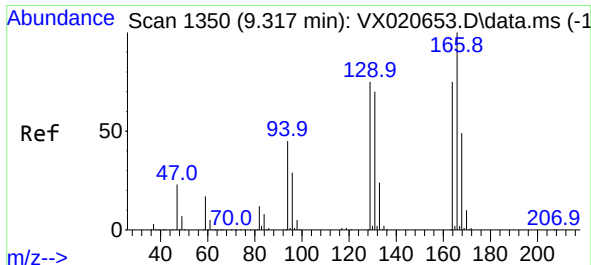
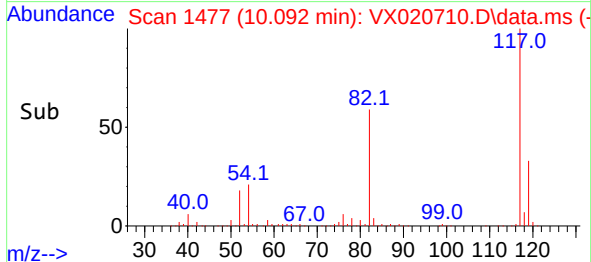
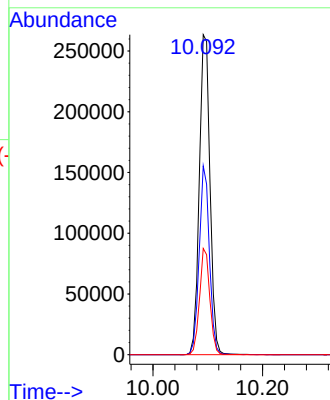
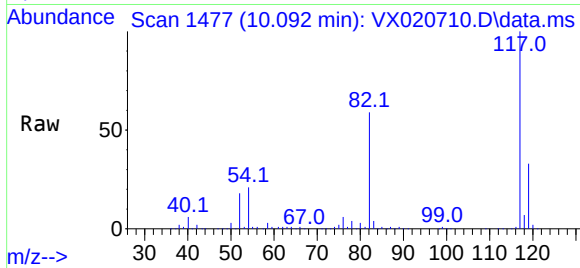




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

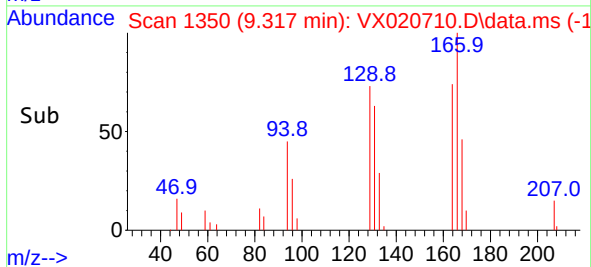
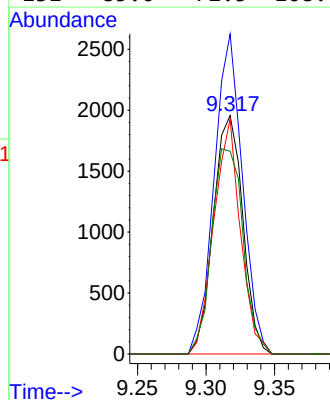
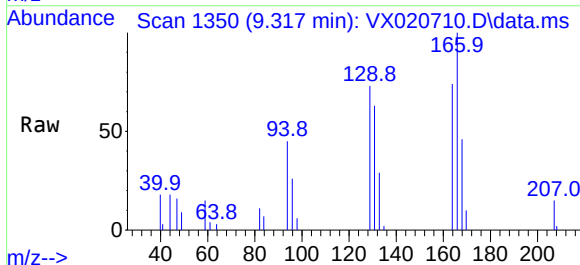
Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-01

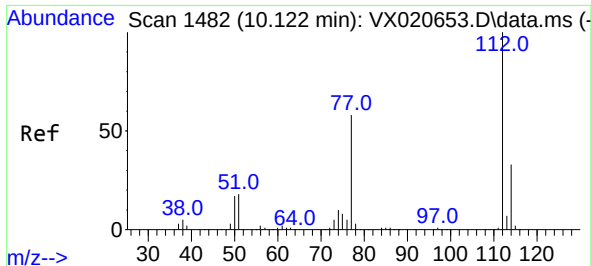
Tgt Ion:117 Resp: 357860
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 33.2 26.6 39.8



#64
Tetrachloroethene
Concen: 1.02 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

Tgt Ion:164 Resp: 2916
Ion Ratio Lower Upper
164 100
166 134.3 103.4 155.2
129 98.5 70.8 106.2
131 85.0 72.5 108.7

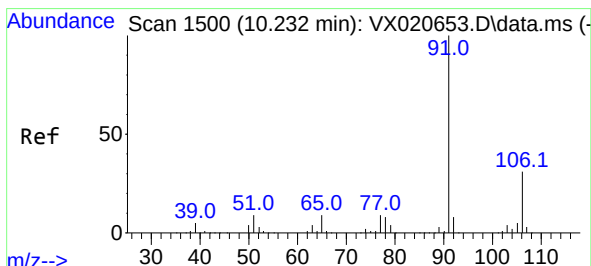
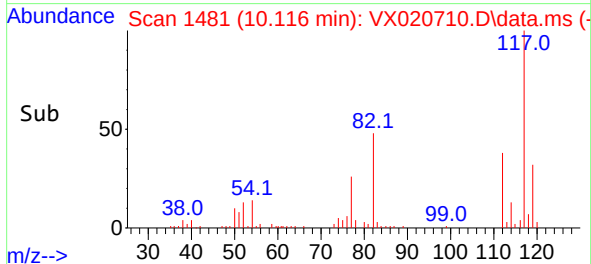
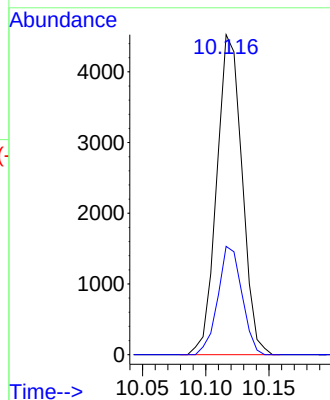
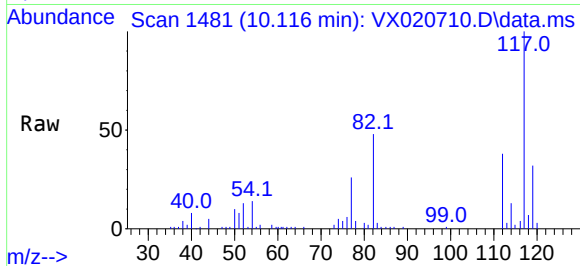




#65
Chlorobenzene
Concen: 0.81 ug/l
RT: 10.116 min Scan# 1481
Delta R.T. -0.006 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

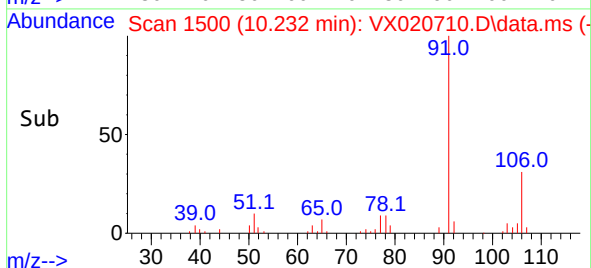
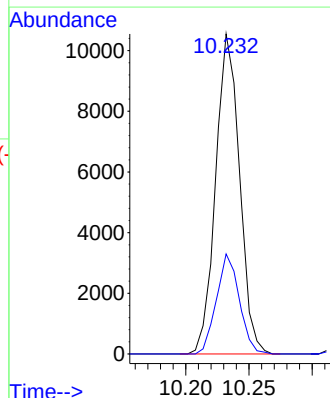
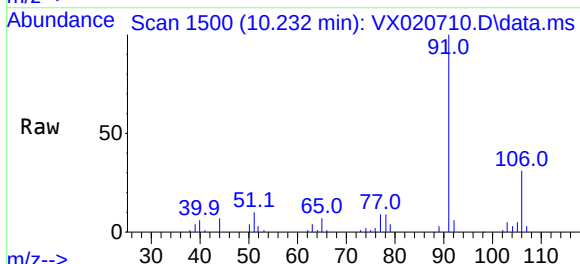
Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-01

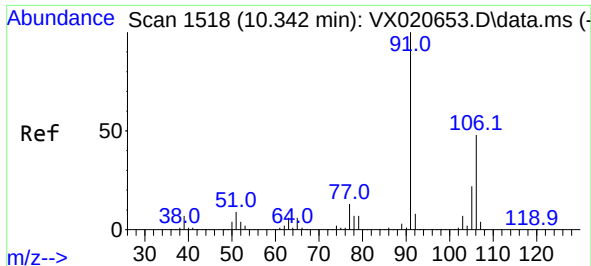
Tgt Ion:112 Resp: 6289
Ion Ratio Lower Upper
112 100
114 33.8 25.8 38.6



#67
Ethyl Benzene
Concen: 1.05 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

Tgt Ion: 91 Resp: 13834
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0

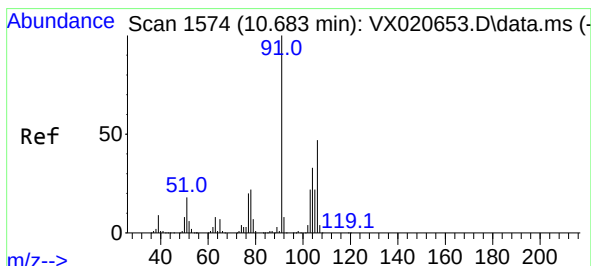
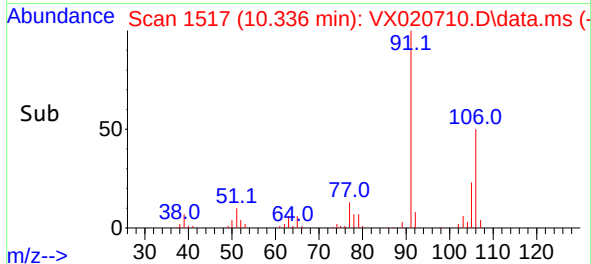
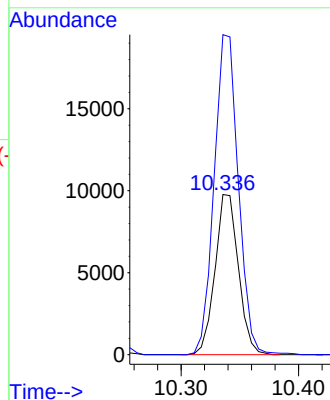
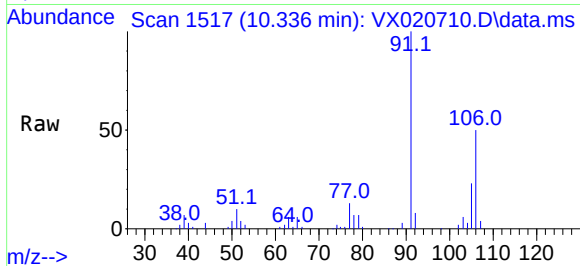




#68
m/p-Xylenes
Concen: 2.77 ug/l
RT: 10.336 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

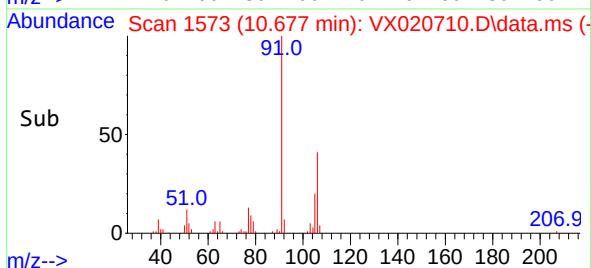
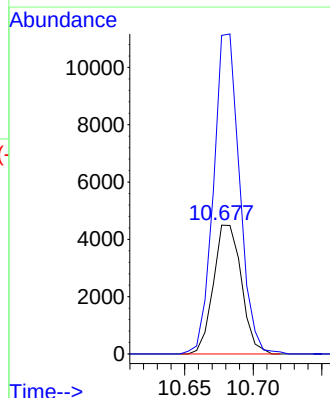
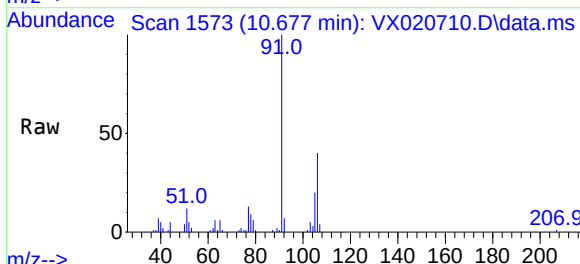
Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-01

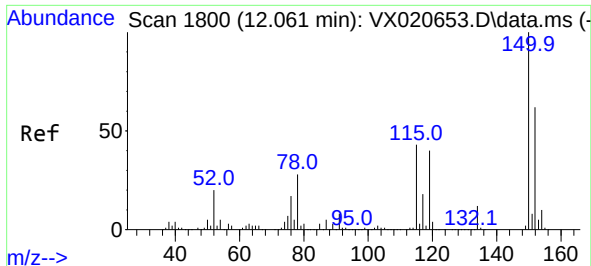
Tgt Ion:106 Resp: 13508
Ion Ratio Lower Upper
106 100
91 207.0 162.8 244.2



#69
o-Xylene
Concen: 1.36 ug/l
RT: 10.677 min Scan# 1573
Delta R.T. -0.006 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

Tgt Ion:106 Resp: 6375
Ion Ratio Lower Upper
106 100
91 231.9 108.1 324.2

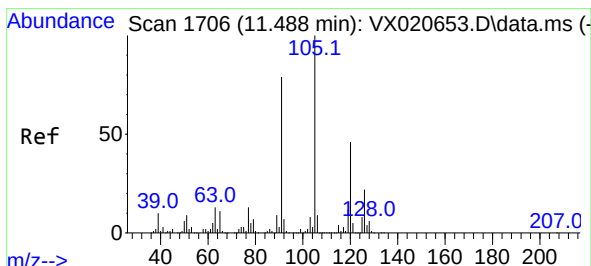
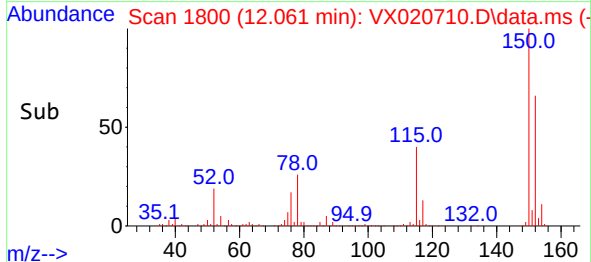
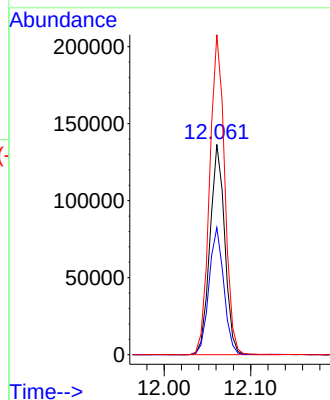
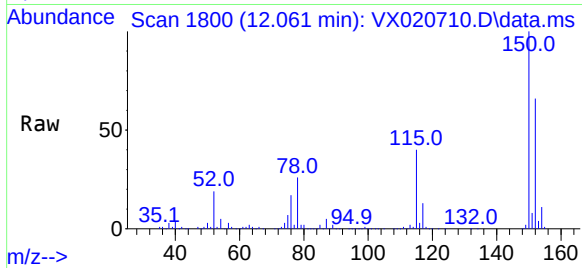




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020710.D
 Acq: 22 Jan 2021 15:20

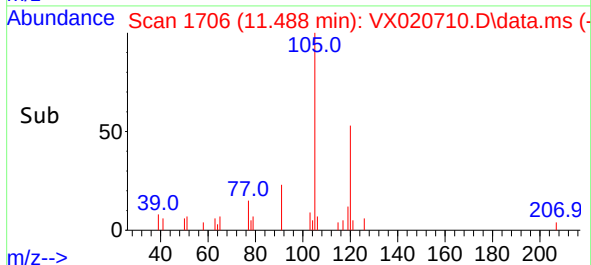
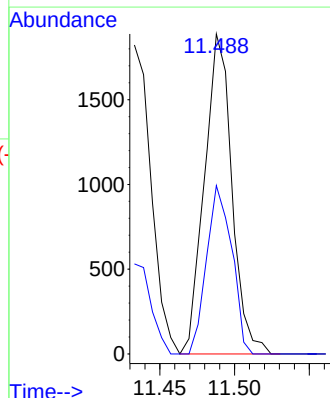
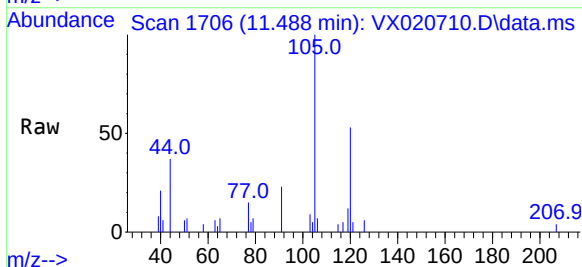
Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-BR2-AQ-012121-01

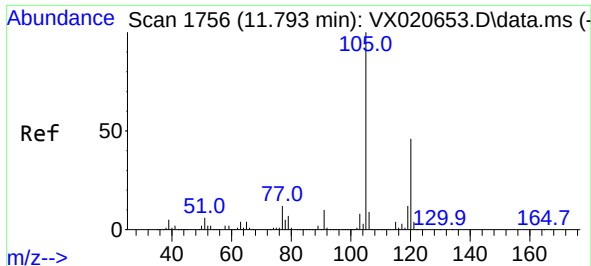
Tgt Ion:152 Resp: 161464
 Ion Ratio Lower Upper
 152 100
 115 60.6 41.1 123.3
 150 155.1 0.0 349.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.25 ug/l
 RT: 11.488 min Scan# 1706
 Delta R.T. -0.000 min
 Lab File: VX020710.D
 Acq: 22 Jan 2021 15:20

Tgt Ion:105 Resp: 2411
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.8 71.5

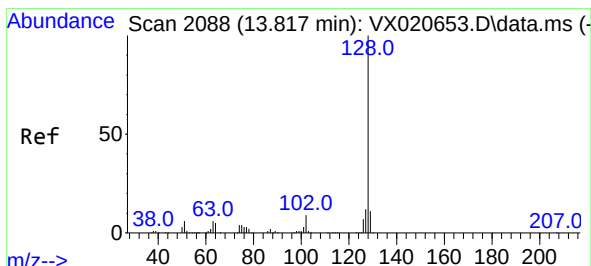
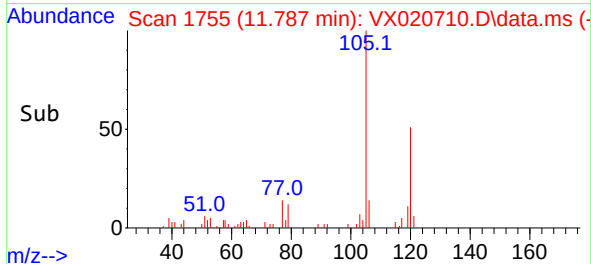
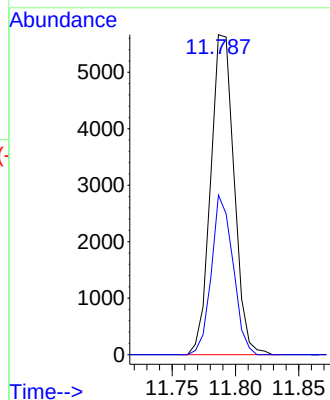
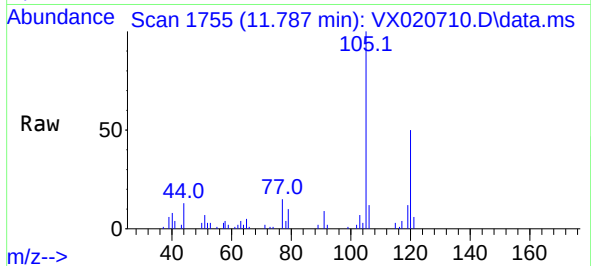




#84
1,2,4-Trimethylbenzene
Concen: 1.09 ug/l
RT: 11.787 min Scan# 1755
Delta R.T. -0.006 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-01

Tgt Ion:105 Resp: 7318
Ion Ratio Lower Upper
105 100
120 45.9 22.4 67.3



#95
Naphthalene
Concen: 2.44 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020710.D
Acq: 22 Jan 2021 15:20

Tgt Ion:128 Resp: 6165
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 8.6 8.8 13.2#

