

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012221\
 Data File : VX020711.D
 Acq On : 22 Jan 2021 15:43
 Operator : JC/SP
 Sample : M1219-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-BR2-AQ-012121-02

Quant Time: Jan 23 01:42:26 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	5.629	168	210592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	352942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	338405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	146013	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	141924	49.29	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.58%
35) Dibromofluoromethane	5.464	113	120995	49.76	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.52%
50) Toluene-d8	8.695	98	444655	50.71	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.42%
62) 4-Bromofluorobenzene	11.122	95	160279	48.36	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.72%

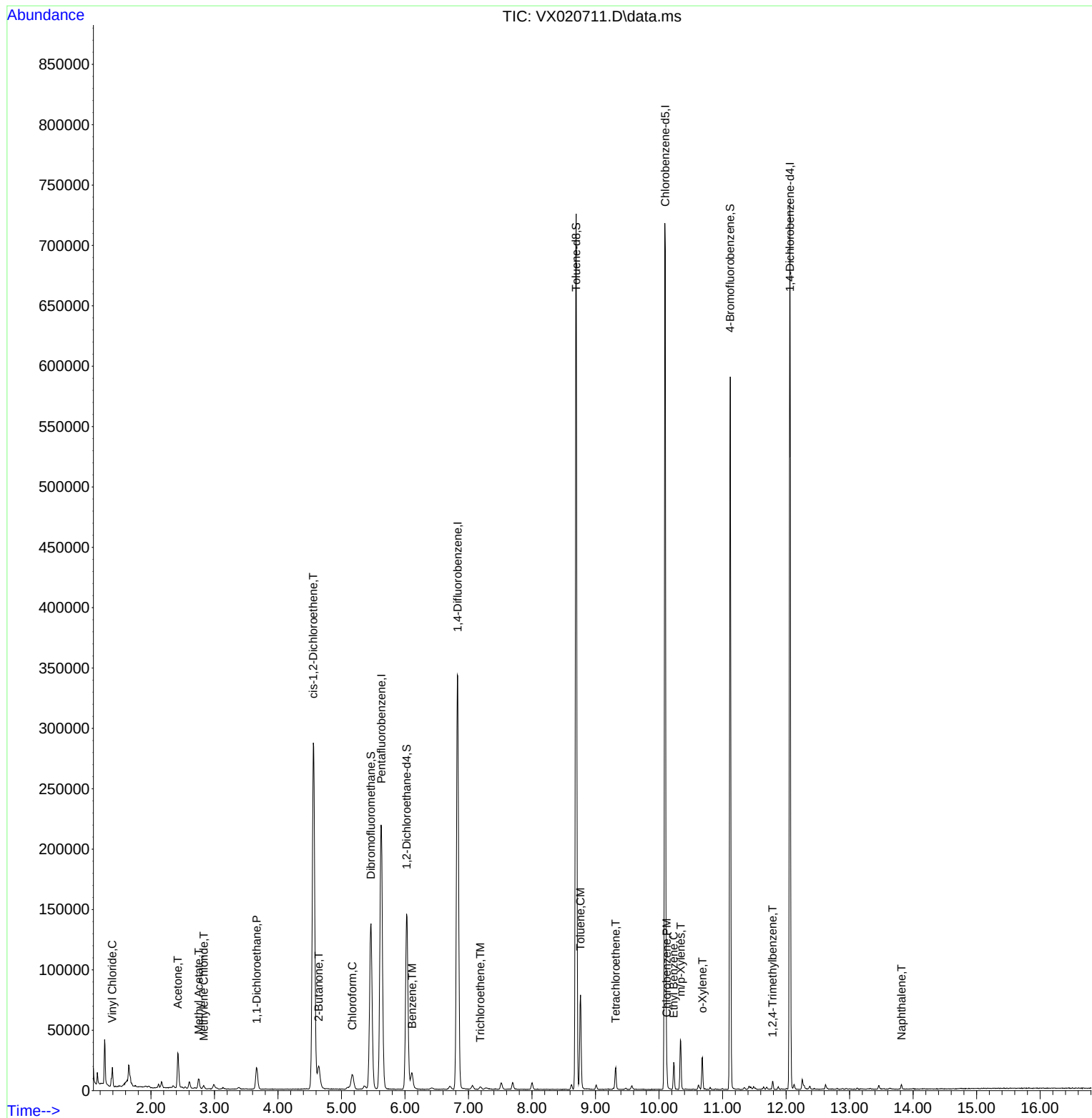
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	8632	2.90	ug/l	99
16) Acetone	2.422	43	28085	25.12	ug/l	97
18) Methyl Acetate	2.751	43	10296	4.05	ug/l	96
20) Methylene Chloride	2.831	84	1237	0.46	ug/l #	92
24) 1,1-Dichloroethane	3.666	63	20477	4.64	ug/l	99
25) 2-Butanone	4.641	43	32050	19.61	ug/l	98
27) cis-1,2-Dichloroethene	4.556	96	191491	67.46	ug/l	91
30) Chloroform	5.172	83	12401	2.64	ug/l	99
40) Benzene	6.111	78	16088	1.54	ug/l	98
44) Trichloroethene	7.184	130	808	0.28	ug/l	94
52) Toluene	8.763	92	30461	4.75	ug/l	100
64) Tetrachloroethene	9.317	164	3471	1.29	ug/l	96
65) Chlorobenzene	10.122	112	7128	0.97	ug/l	92
67) Ethyl Benzene	10.232	91	12306	0.99	ug/l	99
68) m/p-Xylenes	10.342	106	9651	2.09	ug/l	94
69) o-Xylene	10.683	106	5788	1.31	ug/l	98
84) 1,2,4-Trimethylbenzene	11.786	105	2932	0.71	ug/l	98
95) Naphthalene	13.817	128	2508	2.17	ug/l	97

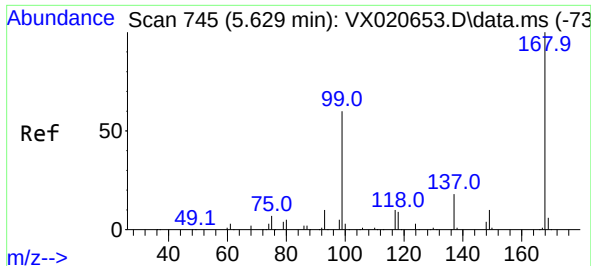
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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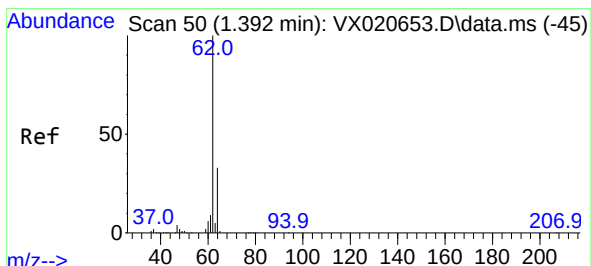
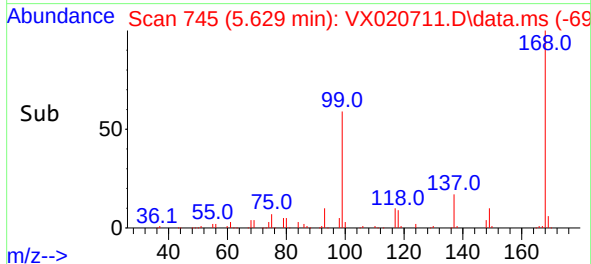
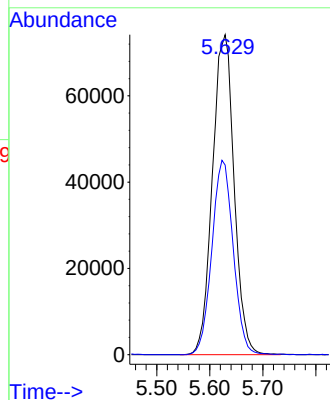
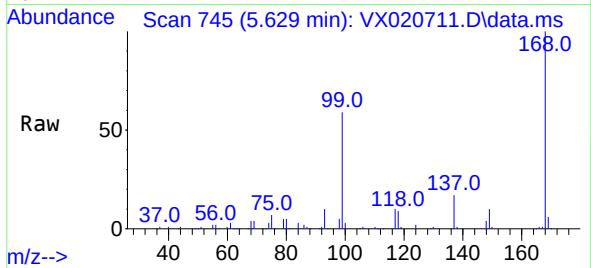




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

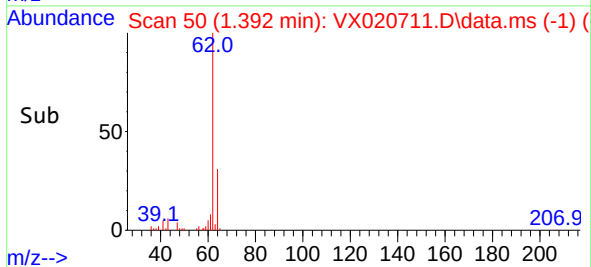
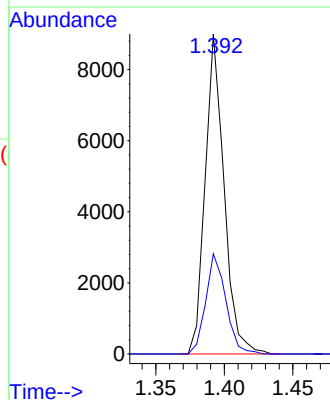
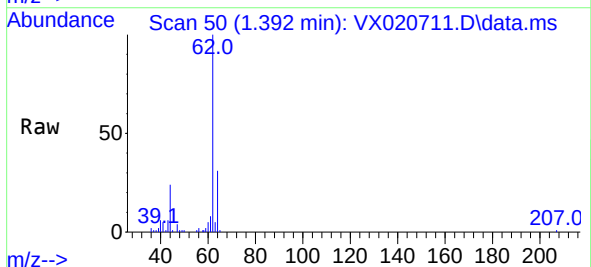
Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-02

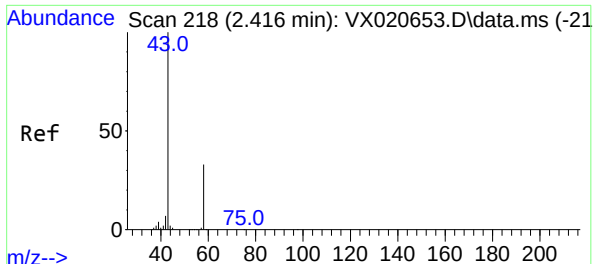
Tgt Ion:168 Resp: 210592
Ion Ratio Lower Upper
168 100
99 59.3 45.8 68.6



#4
Vinyl Chloride
Concen: 2.90 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

Tgt Ion: 62 Resp: 8632
Ion Ratio Lower Upper
62 100
64 31.3 25.7 38.5

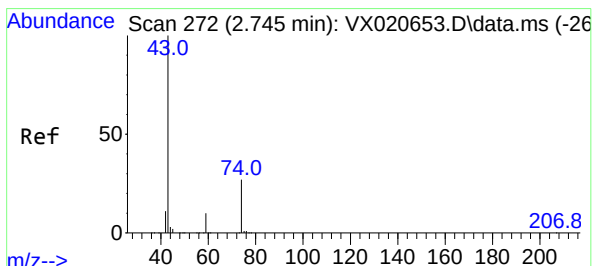
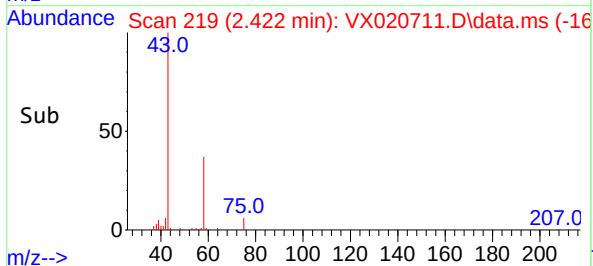
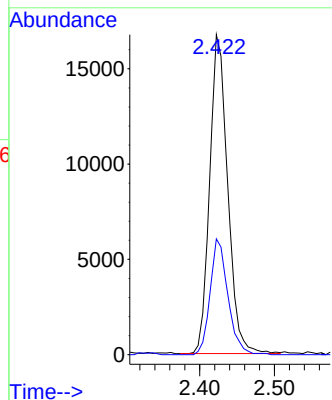
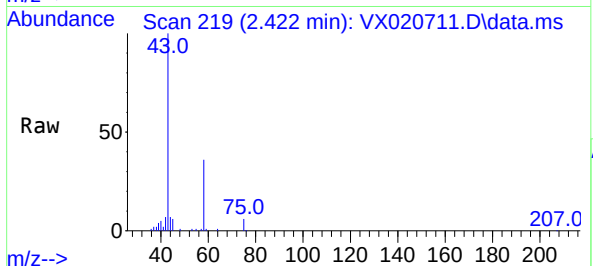




#16
Acetone
Concen: 25.12 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

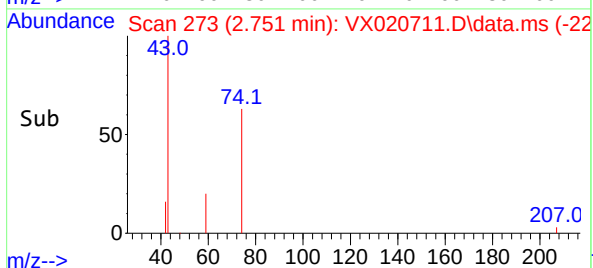
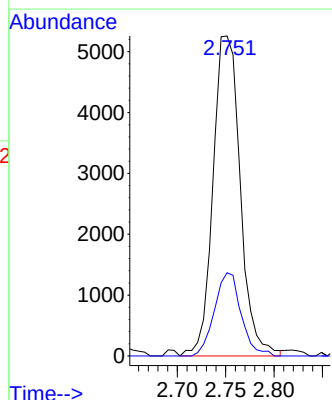
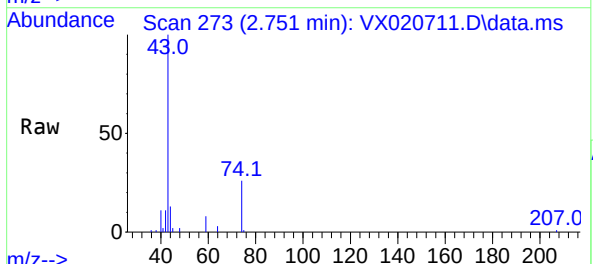
Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-02

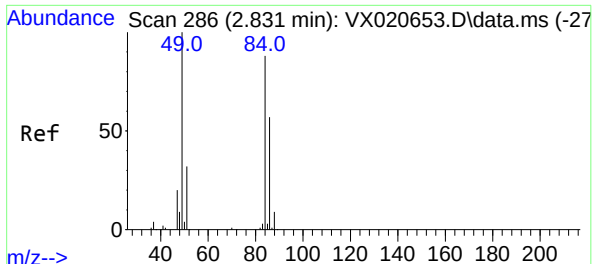
Tgt Ion: 43 Resp: 28085
Ion Ratio Lower Upper
43 100
58 36.3 27.8 41.8



#18
Methyl Acetate
Concen: 4.05 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

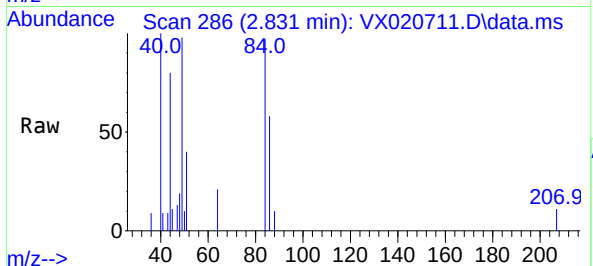
Tgt Ion: 43 Resp: 10296
Ion Ratio Lower Upper
43 100
74 25.4 21.9 32.9





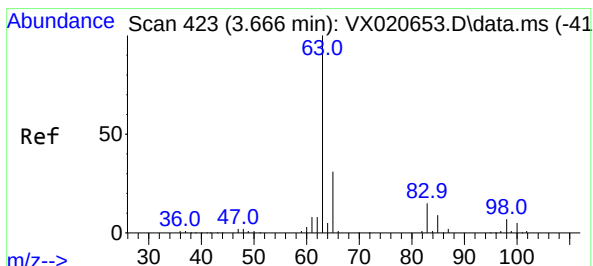
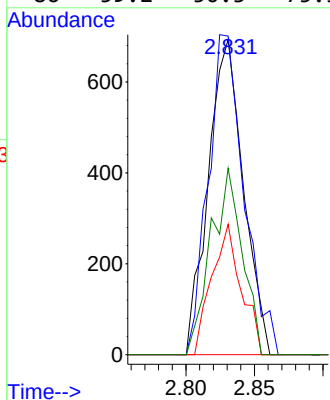
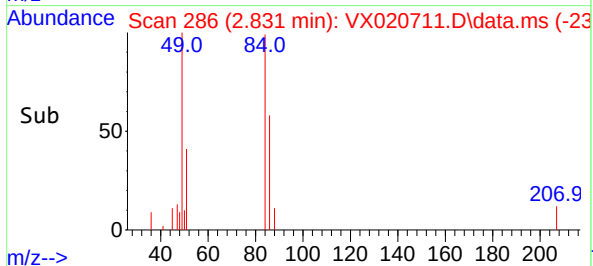
#20
Methylene Chloride
Concen: 0.46 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-02

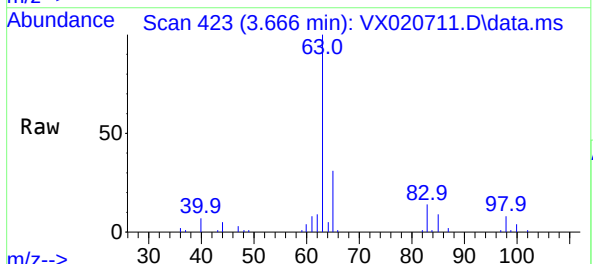


Tgt Ion: 84 Resp: 1237

Ion	Ratio	Lower	Upper
84	100		
49	101.2	88.6	132.8
51	41.4	27.0	40.6#
86	59.2	50.3	75.5

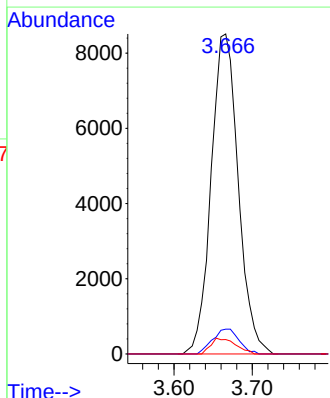
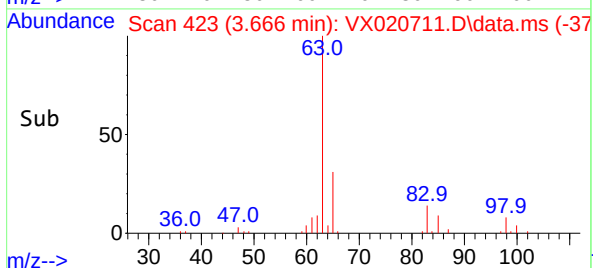


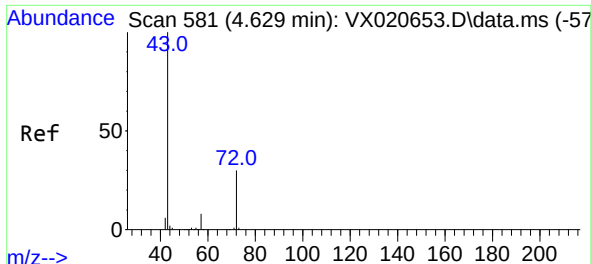
#24
1,1-Dichloroethane
Concen: 4.64 ug/l
RT: 3.666 min Scan# 423
Delta R.T. -0.000 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43



Tgt Ion: 63 Resp: 20477

Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.8	11.2
100	4.5	2.5	7.5

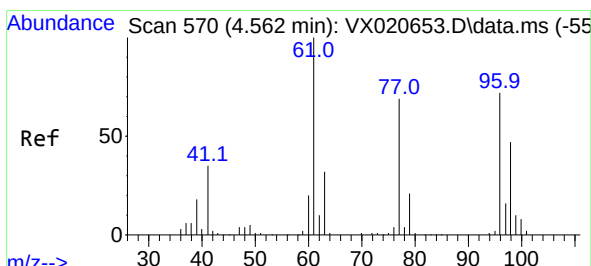
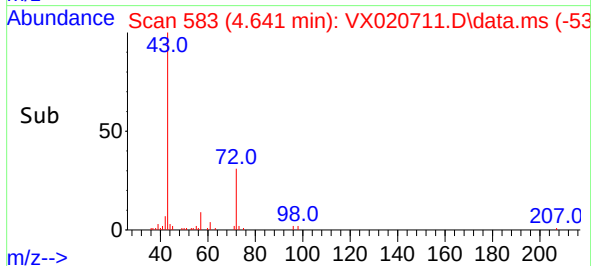
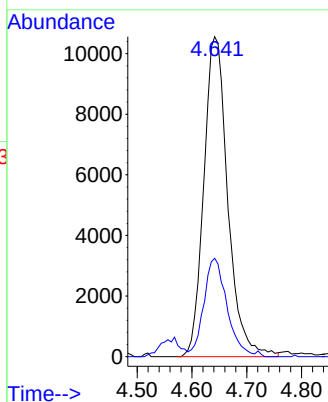
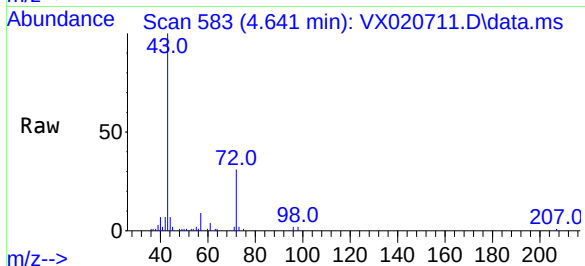




#25
2-Butanone
Concen: 19.61 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.012 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

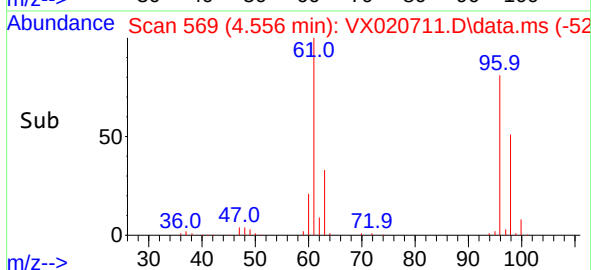
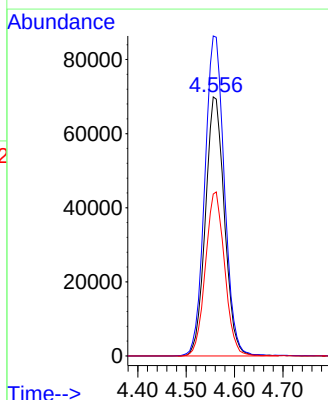
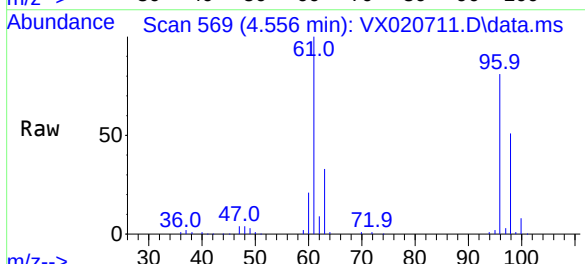
Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-02

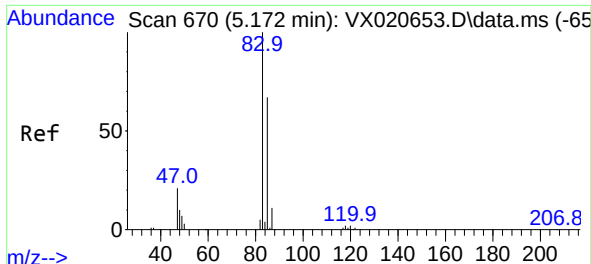
Tgt Ion: 43 Resp: 32050
Ion Ratio Lower Upper
43 100
72 30.7 23.7 35.5



#27
cis-1,2-Dichloroethene
Concen: 67.46 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

Tgt Ion: 96 Resp: 191491
Ion Ratio Lower Upper
96 100
61 126.7 0.0 285.6
98 63.8 0.0 129.6

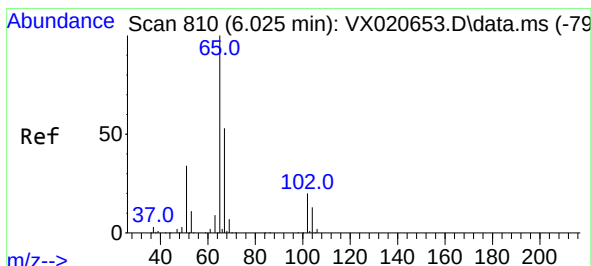
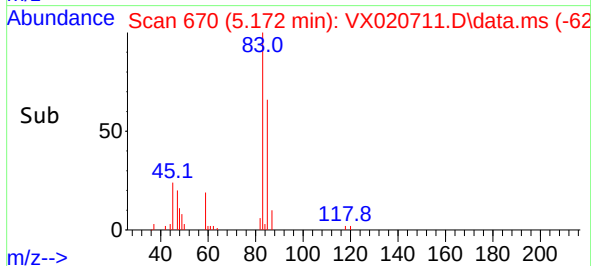
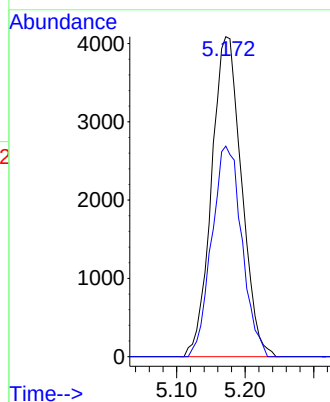
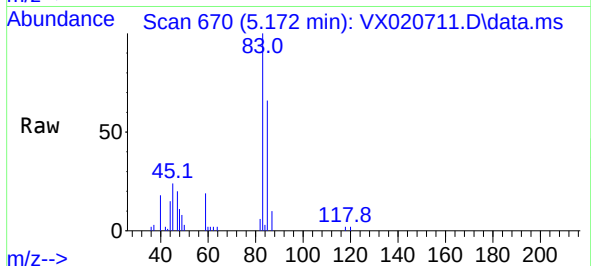




#30
Chloroform
Concen: 2.64 ug/l
RT: 5.172 min Scan# 670
Delta R.T. -0.000 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

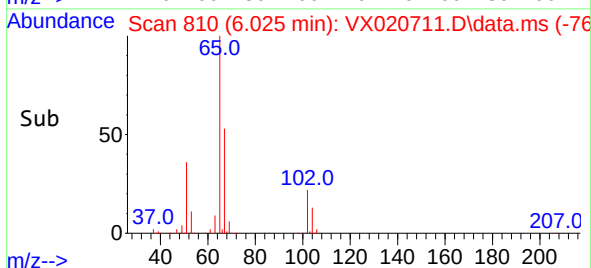
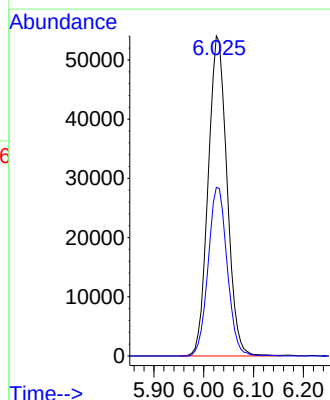
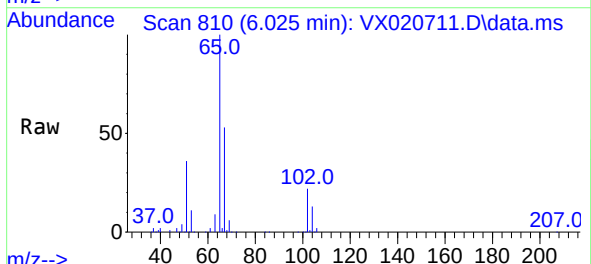
Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-02

Tgt Ion: 83 Resp: 12401
Ion Ratio Lower Upper
83 100
85 65.8 52.0 78.0

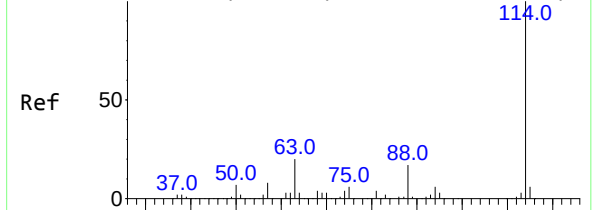


#33
1,2-Dichloroethane-d4
Concen: 49.29 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

Tgt Ion: 65 Resp: 141924
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4

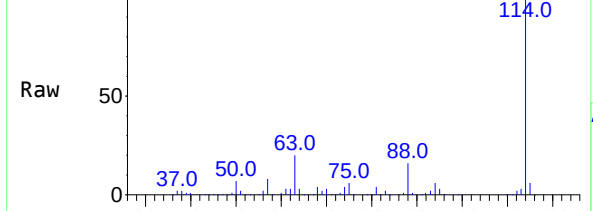


Abundance Scan 942 (6.830 min): VX020653.D\data.ms (-93



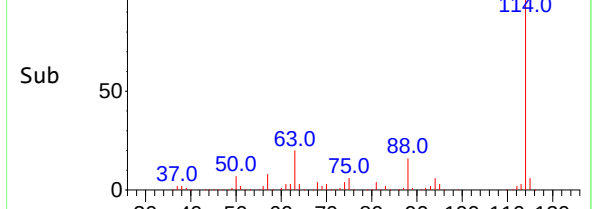
m/z-->

Abundance Scan 942 (6.830 min): VX020711.D\data.ms



m/z-->

Abundance Scan 942 (6.830 min): VX020711.D\data.ms (-89



m/z-->

#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. -0.000 min

Lab File: VX020711.D

Acq: 22 Jan 2021 15:43

Tgt Ion:114 Resp: 352942

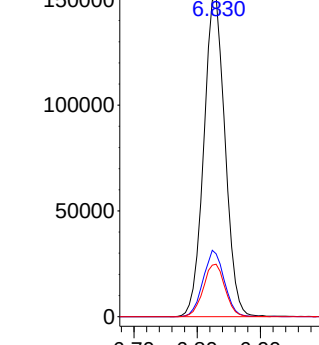
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

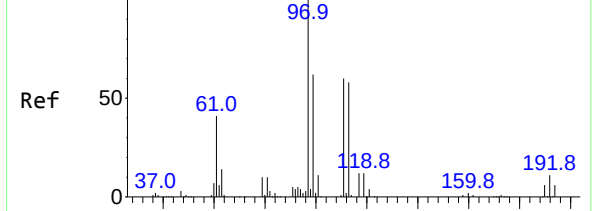
88 16.4 0.0 32.8

Abundance



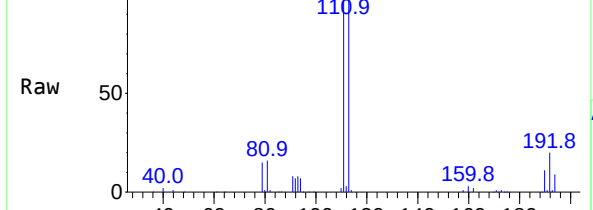
Time-->

Abundance Scan 718 (5.465 min): VX020653.D\data.ms (-70



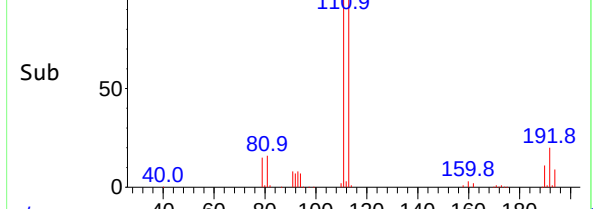
m/z-->

Abundance Scan 718 (5.464 min): VX020711.D\data.ms



m/z-->

Abundance Scan 718 (5.464 min): VX020711.D\data.ms (-66



m/z-->

#35

Dibromofluoromethane

Concen: 49.76 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.001 min

Lab File: VX020711.D

Acq: 22 Jan 2021 15:43

Tgt Ion:113 Resp: 120995

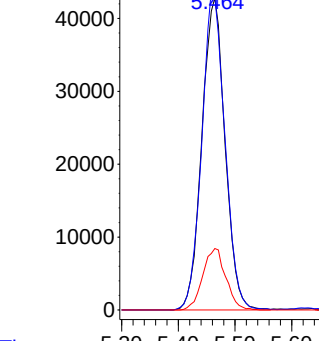
Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

192 19.6 16.7 25.1

Abundance



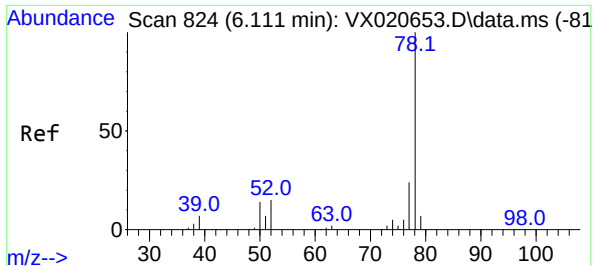
Time-->

Instrument :

MSVOA_X

ClientSampleId :

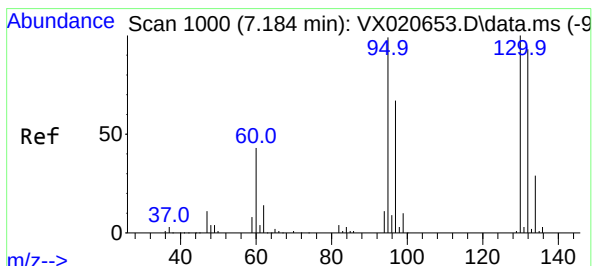
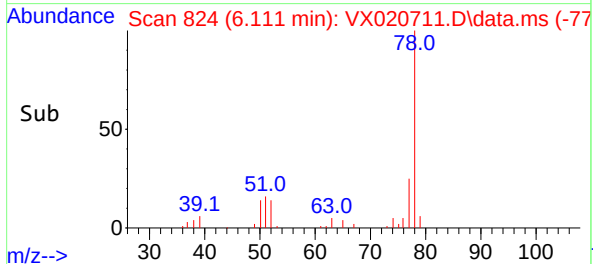
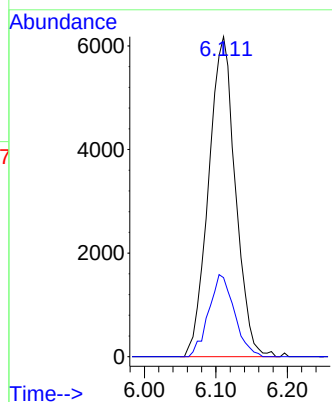
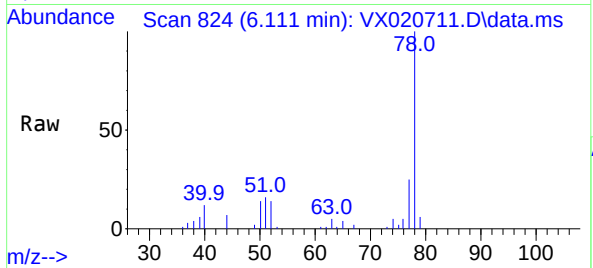
IDW-BR2-AQ-012121-02



#40
Benzene
Concen: 1.54 ug/l
RT: 6.111 min Scan# 824
Delta R.T. -0.000 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

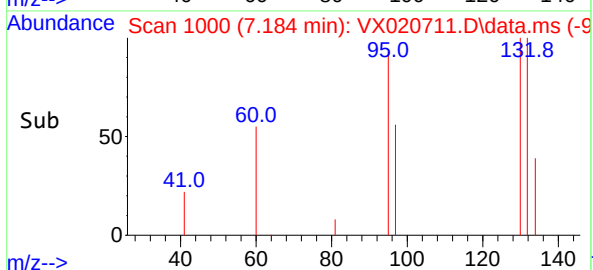
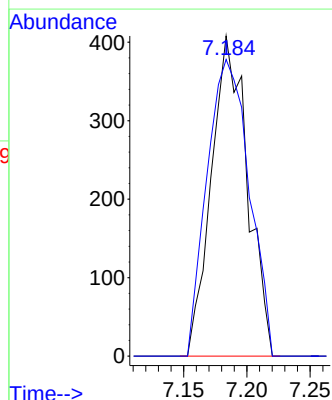
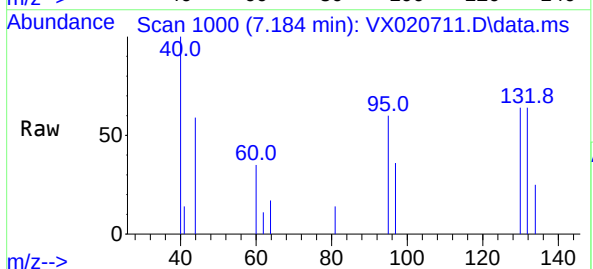
Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-02

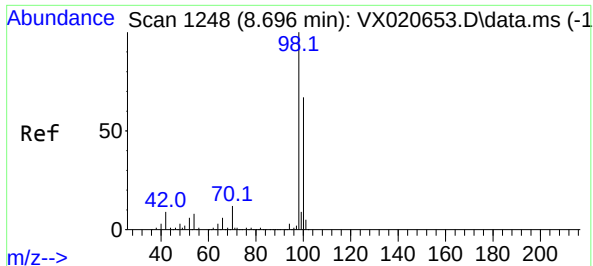
Tgt Ion: 78 Resp: 16088
Ion Ratio Lower Upper
78 100
77 24.7 18.9 28.3



#44
Trichloroethene
Concen: 0.28 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

Tgt Ion: 130 Resp: 808
Ion Ratio Lower Upper
130 100
95 92.6 0.0 198.0

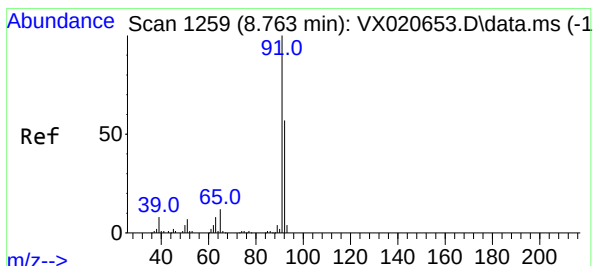
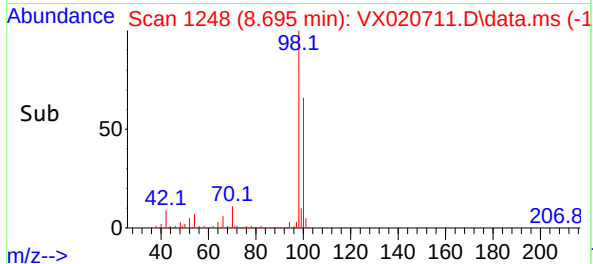
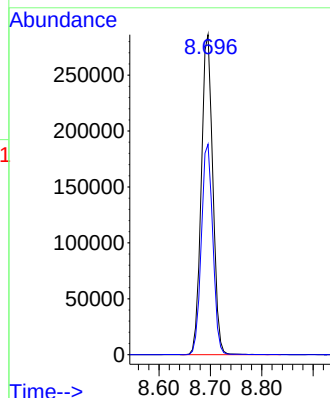
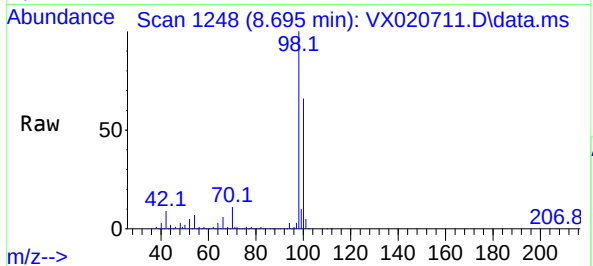




#50
Toluene-d8
Concen: 50.71 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

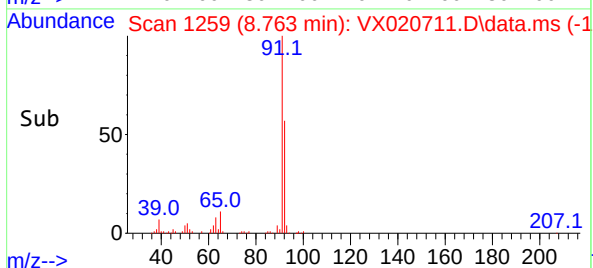
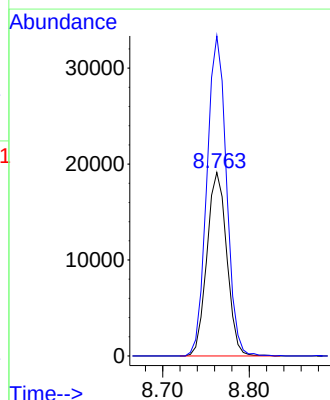
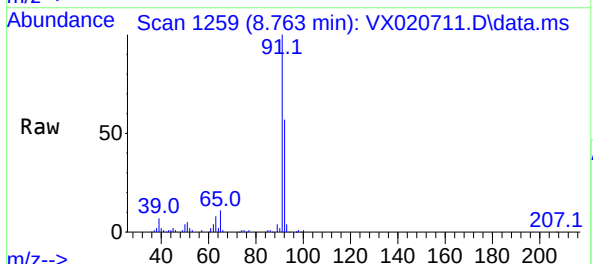
Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-02

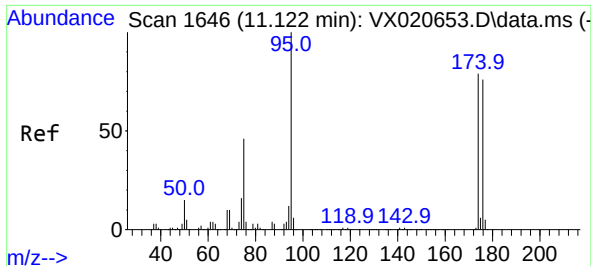
Tgt Ion: 98 Resp: 444655
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#52
Toluene
Concen: 4.75 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

Tgt Ion: 92 Resp: 30461
Ion Ratio Lower Upper
92 100
91 171.9 137.1 205.7

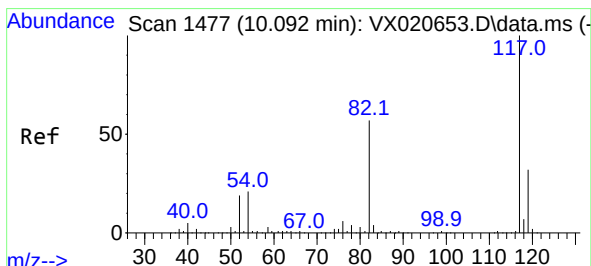
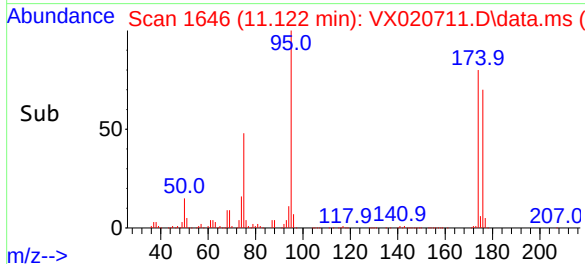
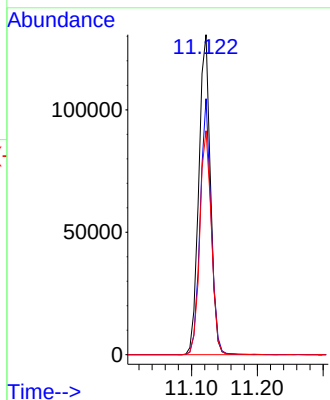
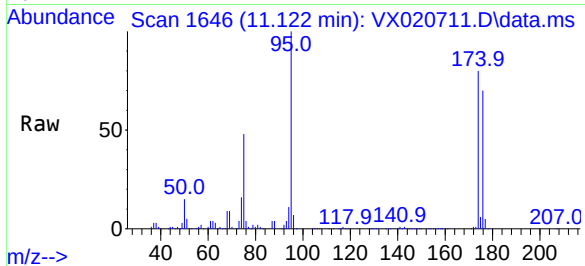




#62
4-Bromofluorobenzene
Concen: 48.36 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

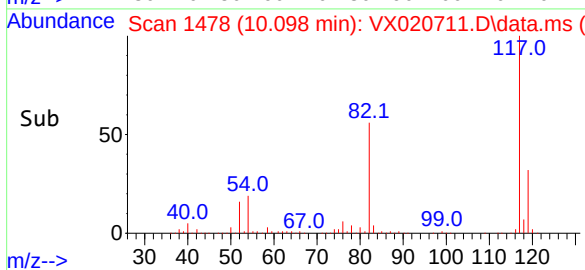
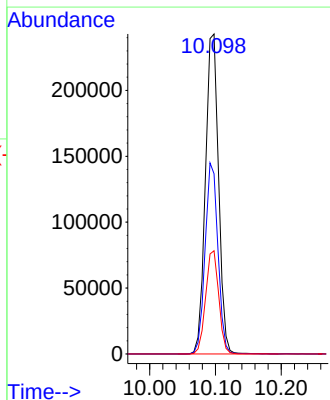
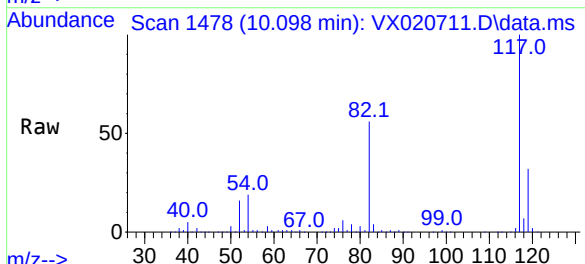
Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-02

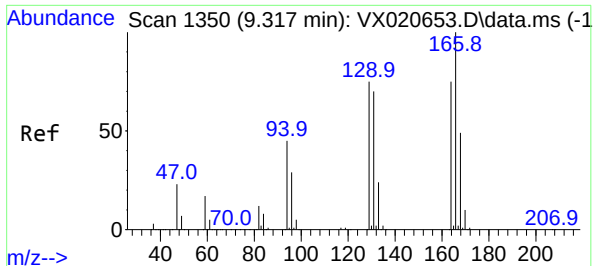
Tgt Ion: 95 Resp: 160279
Ion Ratio Lower Upper
95 100
174 75.3 0.0 154.6
176 69.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

Tgt Ion: 117 Resp: 338405
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 32.2 26.6 39.8



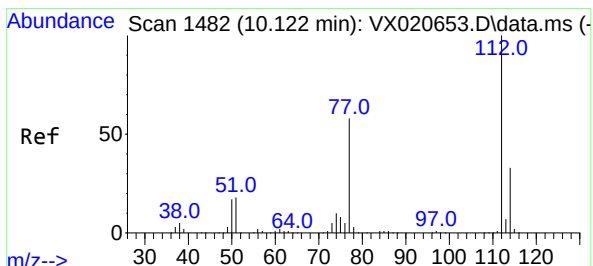
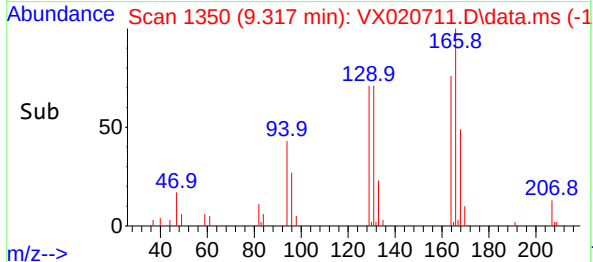
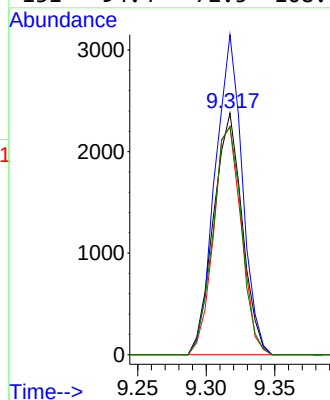
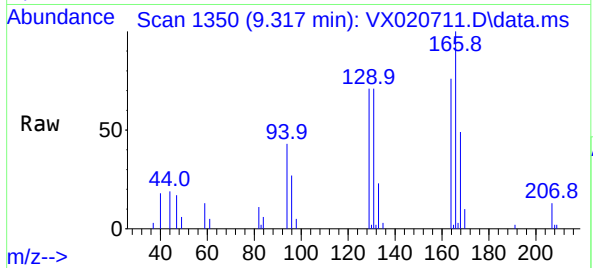


#64
Tetrachloroethene
Concen: 1.29 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-02

Tgt Ion:164 Resp: 3471

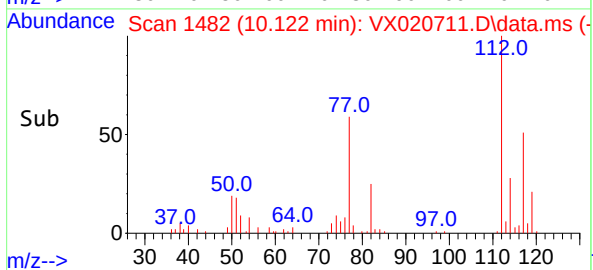
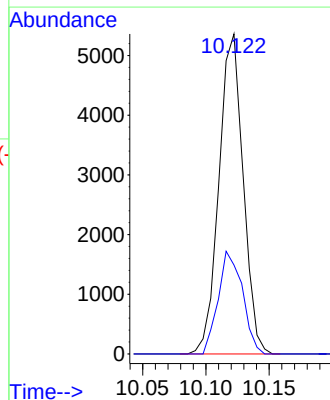
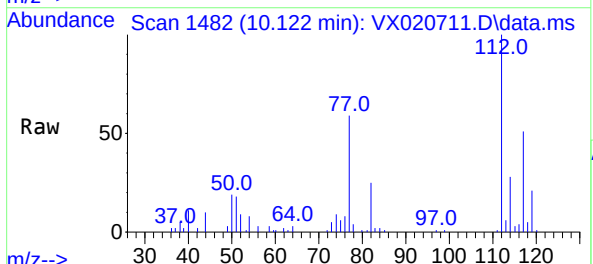
Ion	Ratio	Lower	Upper
164	100		
166	132.4	103.4	155.2
129	94.4	70.8	106.2
131	94.4	72.5	108.7

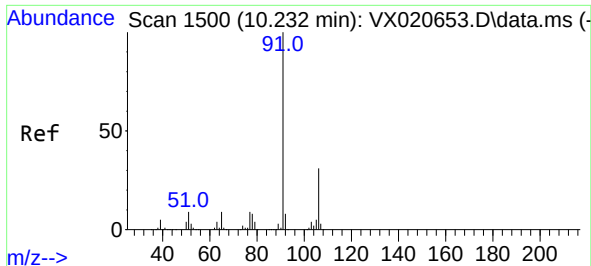


#65
Chlorobenzene
Concen: 0.97 ug/l
RT: 10.122 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

Tgt Ion:112 Resp: 7128

Ion	Ratio	Lower	Upper
112	100		
114	27.8	25.8	38.6

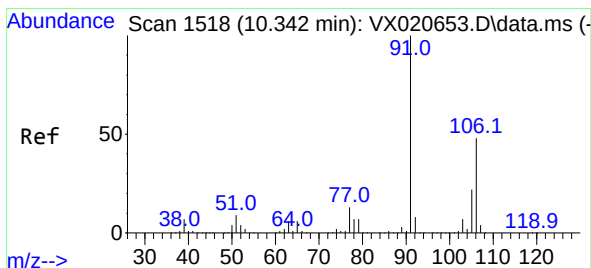
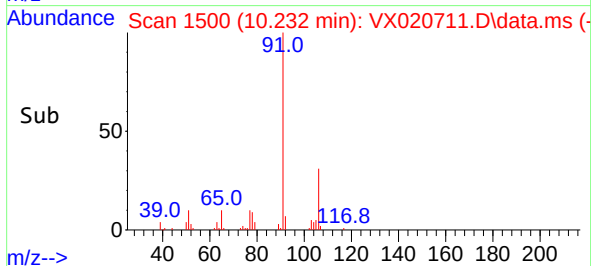
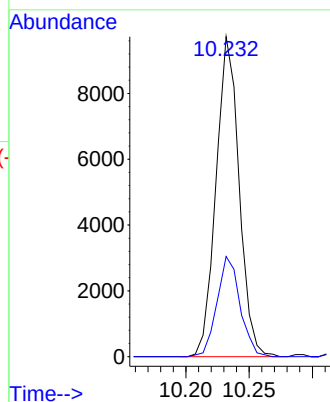
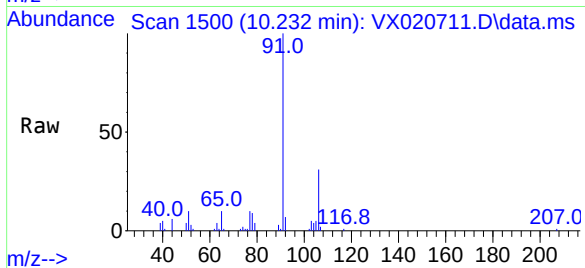




#67
Ethyl Benzene
Concen: 0.99 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

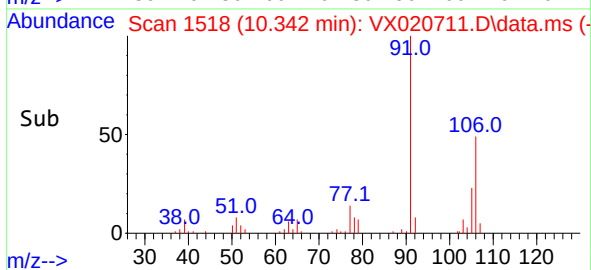
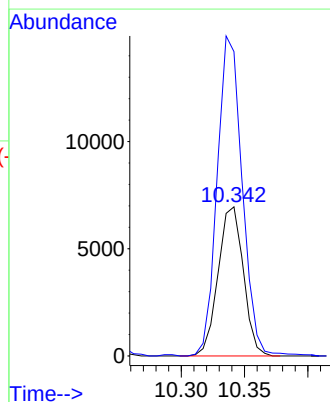
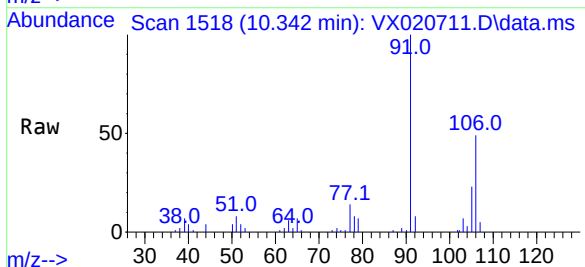
Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-02

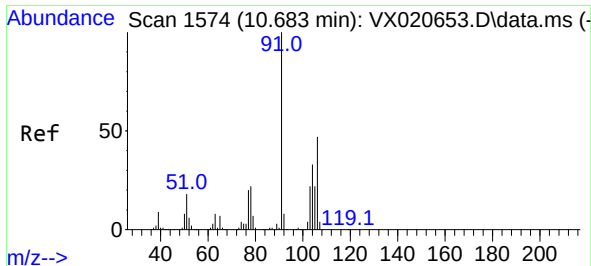
Tgt Ion: 91 Resp: 12306
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0



#68
m/p-Xylenes
Concen: 2.09 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

Tgt Ion:106 Resp: 9651
Ion Ratio Lower Upper
106 100
91 212.7 162.8 244.2

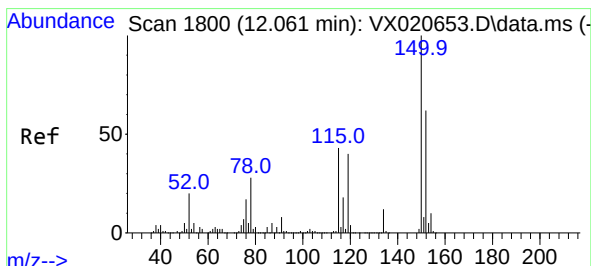
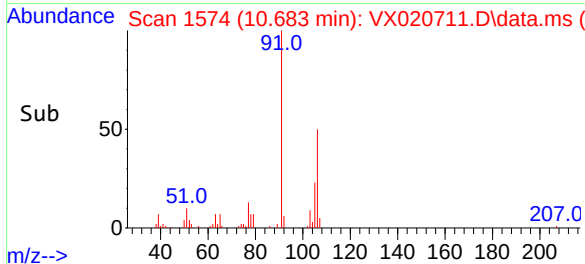
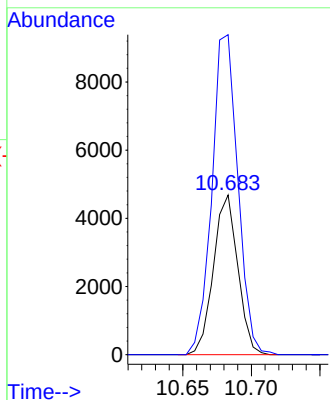
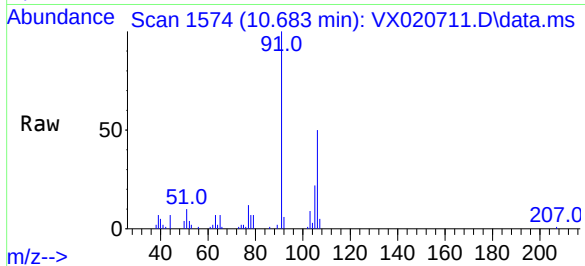




#69
o-Xylene
Concen: 1.31 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

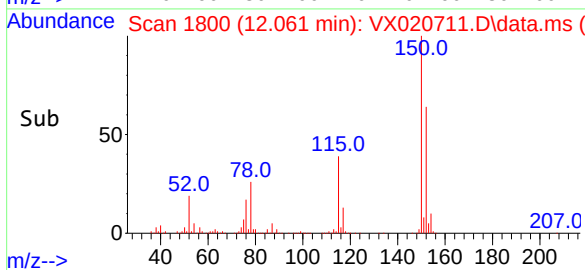
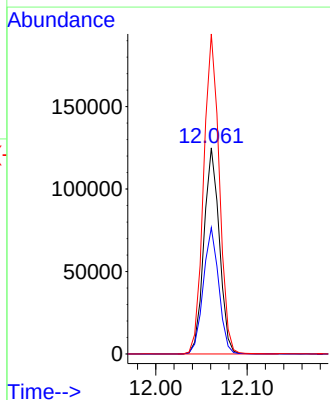
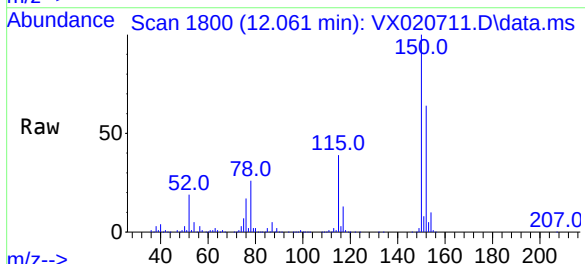
Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-02

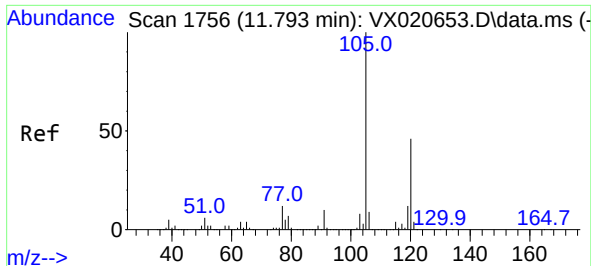
Tgt Ion:106 Resp: 5788
Ion Ratio Lower Upper
106 100
91 213.4 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

Tgt Ion:152 Resp: 146013
Ion Ratio Lower Upper
152 100
115 61.3 41.1 123.3
150 157.5 0.0 349.0

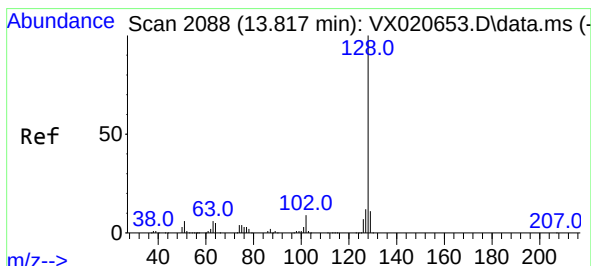
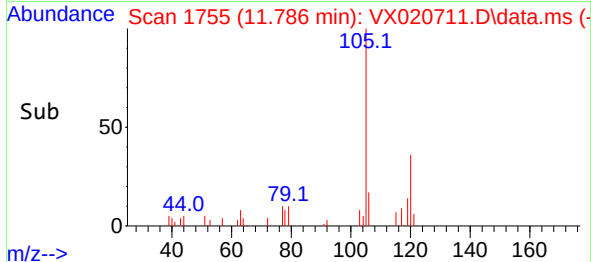
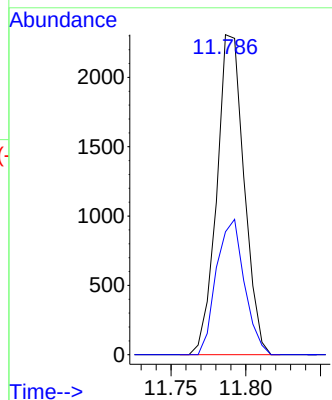
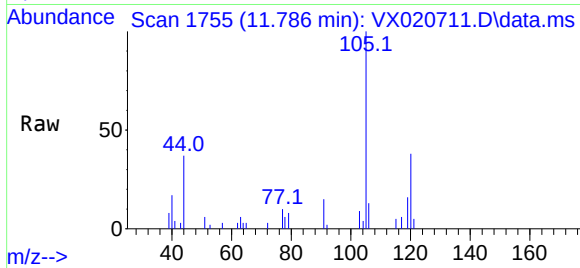




#84
1,2,4-Trimethylbenzene
Concen: 0.71 ug/l
RT: 11.786 min Scan# 1755
Delta R.T. -0.007 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

Instrument :
MSVOA_X
ClientSampleId :
IDW-BR2-AQ-012121-02

Tgt Ion:105 Resp: 2932
Ion Ratio Lower Upper
105 100
120 43.3 22.4 67.3



#95
Naphthalene
Concen: 2.17 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020711.D
Acq: 22 Jan 2021 15:43

Tgt Ion:128 Resp: 2508
Ion Ratio Lower Upper
128 100
127 14.6 10.3 15.5
129 12.0 8.8 13.2

