

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121720\
 Data File : VX020076.D
 Acq On : 16 Dec 2020 19:27
 Operator : JC/MD
 Sample : L5040-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Dec 17 00:30:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

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

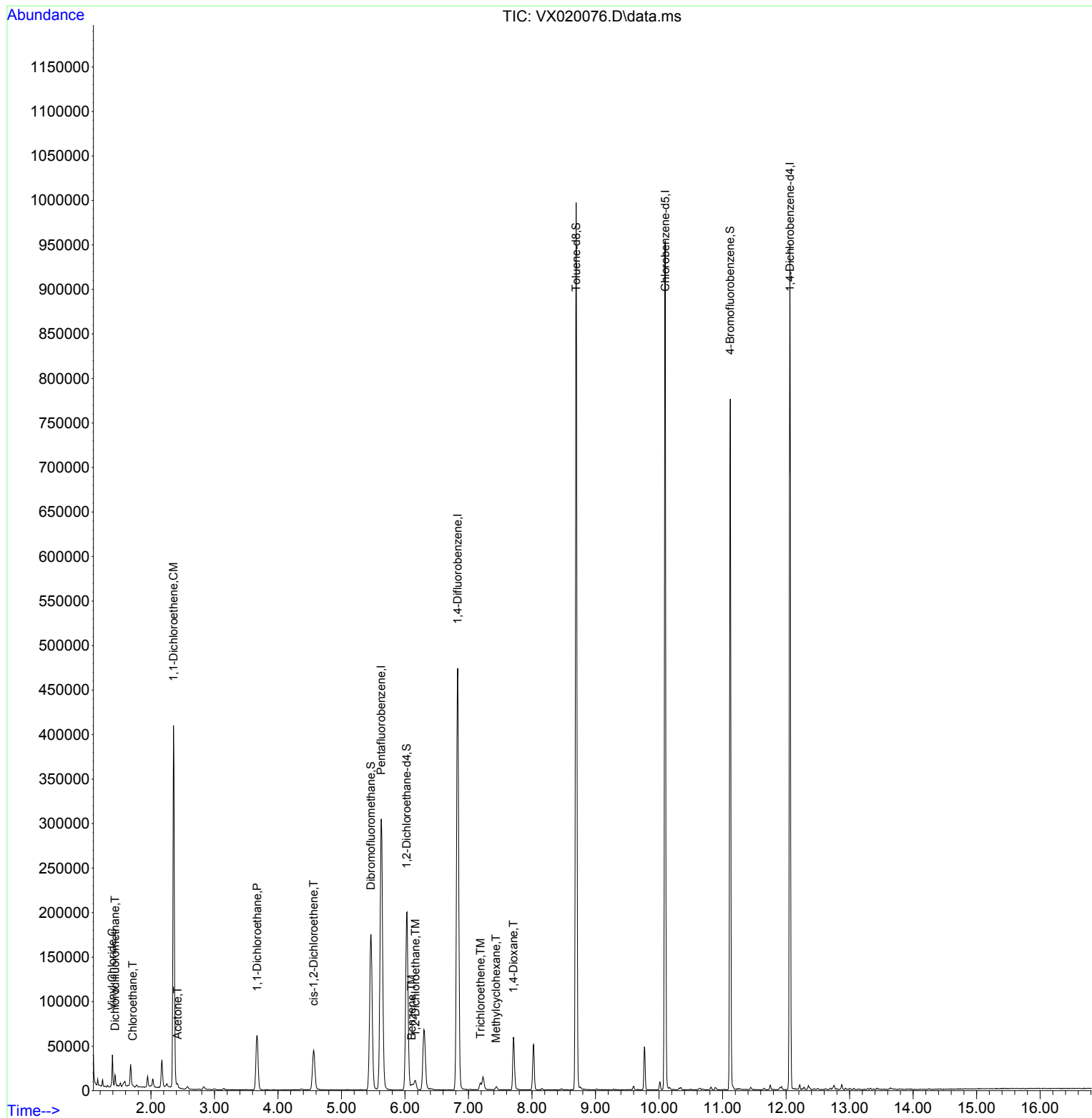
Internal Standards						
1) Pentafluorobenzene	5.623	168	293180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	487249	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	453566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	194501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	191506	49.70	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.40%
35) Dibromofluoromethane	5.464	113	152749	48.51	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.02%
50) Toluene-d8	8.695	98	597460	49.70	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.40%
62) 4-Bromofluorobenzene	11.122	95	209567	45.80	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.60%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.435	85	2023	0.75	ug/l	99
4) Vinyl Chloride	1.392	62	20426	6.14	ug/l	98
6) Chloroethane	1.715	64	783	0.39	ug/l #	75
12) 1,1-Dichloroethene	2.355	96	133108	49.55	ug/l	95
16) Acetone	2.416	43	5003	3.45	ug/l	97
24) 1,1-Dichloroethane	3.672	63	71553	12.94	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	29299	7.99	ug/l	92
39) Methylcyclohexane	7.433	83	1546	0.30	ug/l #	83
40) Benzene	6.104	78	6707	0.50	ug/l	98
42) 1,2-Dichloroethane	6.165	62	11271	2.45	ug/l	99
44) Trichloroethene	7.190	130	2853	0.81	ug/l	90
49) 1,4-Dioxane	7.708	88	43434	504.41	ug/l	97

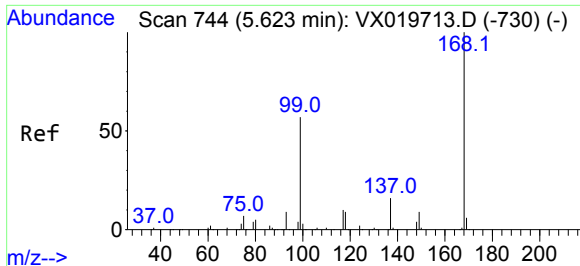
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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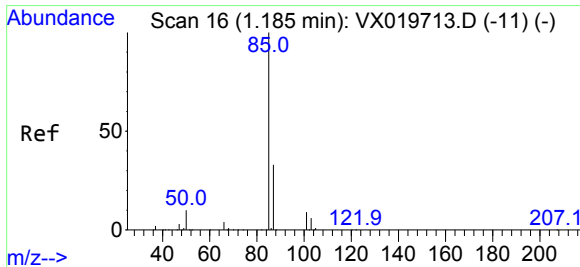
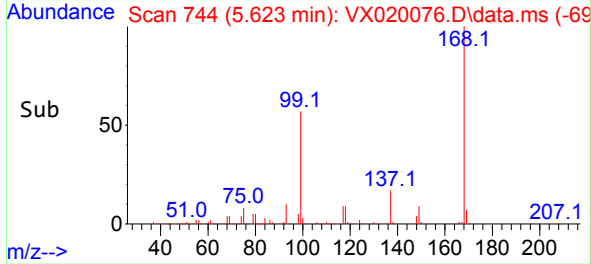
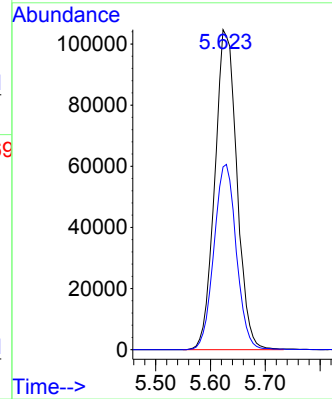
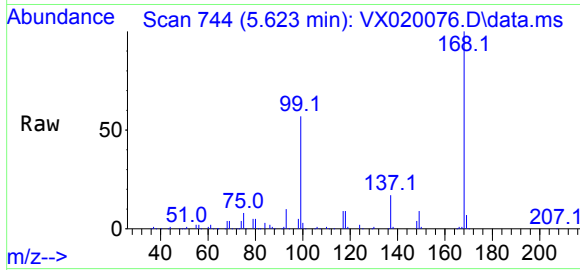




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

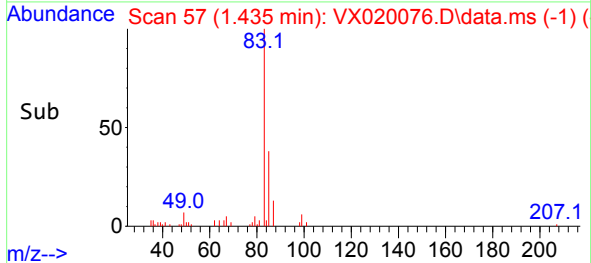
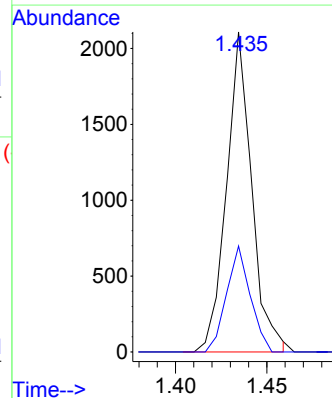
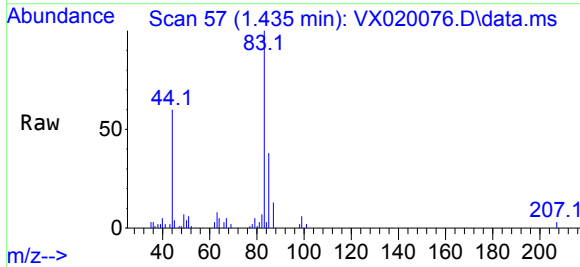
Instrument :
MSVOA_X
ClientSampleId :
MW-2

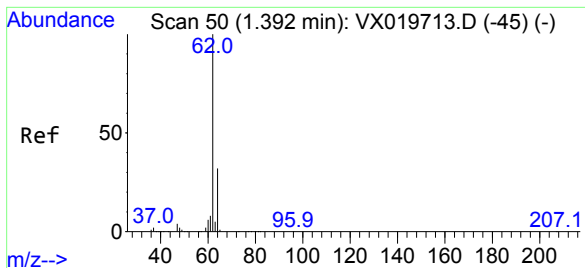
Tgt Ion:168 Resp: 293180
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.75 ug/l
RT: 1.435 min Scan# 57
Delta R.T. 0.250 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion: 85 Resp: 2023
Ion Ratio Lower Upper
85 100
87 33.1 16.4 49.2

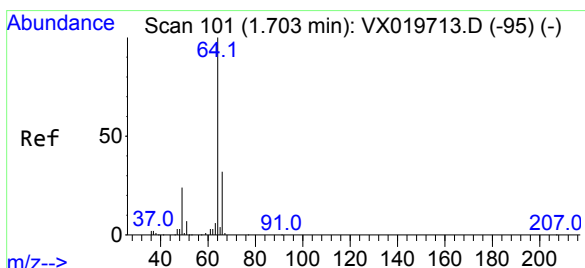
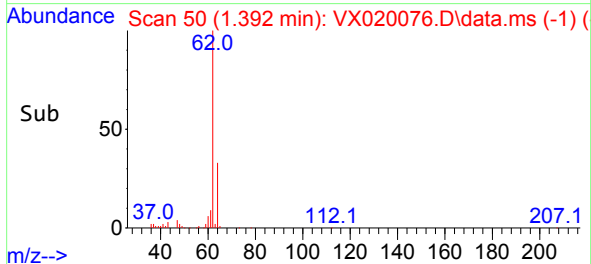
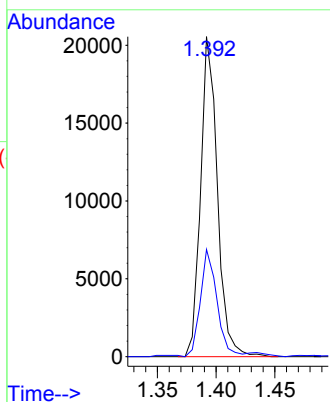
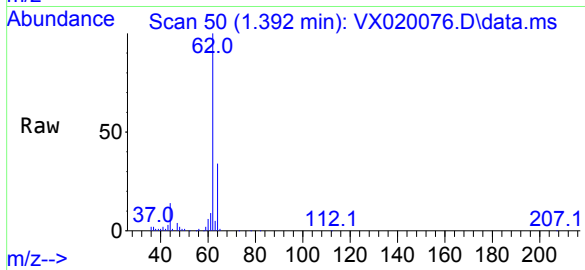




#4
Vinyl Chloride
Concen: 6.14 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

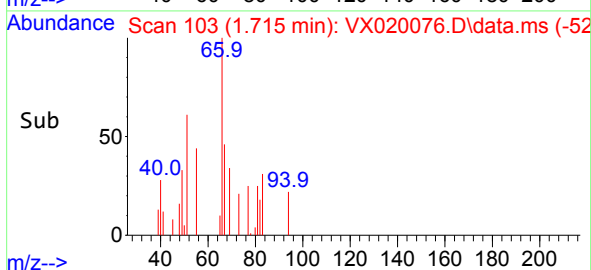
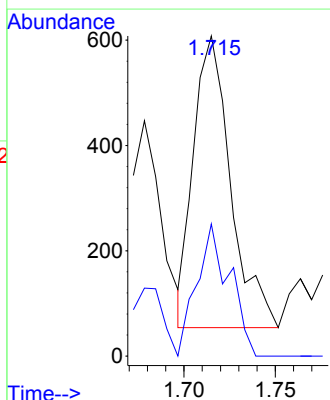
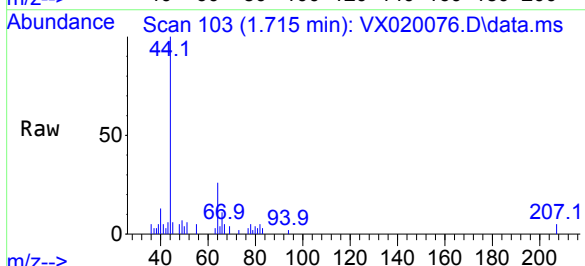
Instrument :
MSVOA_X
ClientSampled :
MW-2

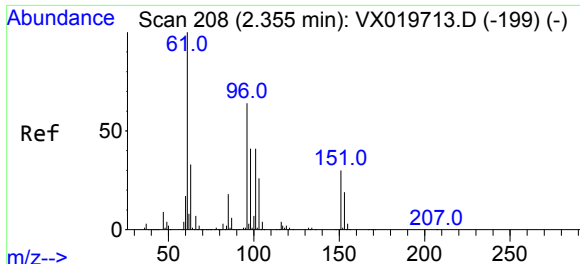
Tgt Ion: 62 Resp: 20426
Ion Ratio Lower Upper
62 100
64 33.3 25.7 38.5



#6
Chloroethane
Concen: 0.39 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.012 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion: 64 Resp: 783
Ion Ratio Lower Upper
64 100
66 45.3 25.4 38.0#

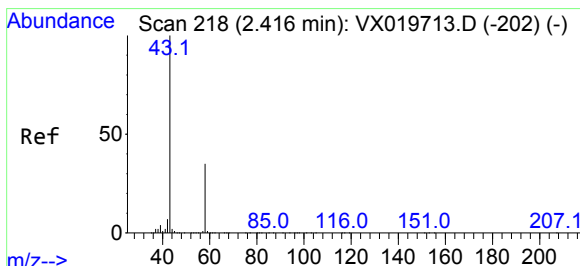
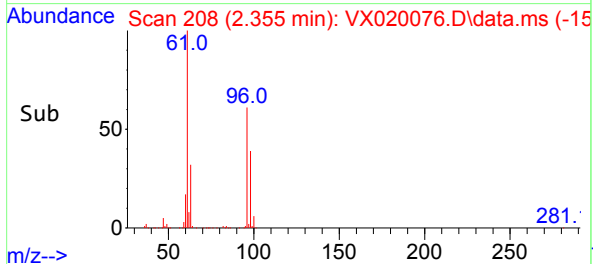
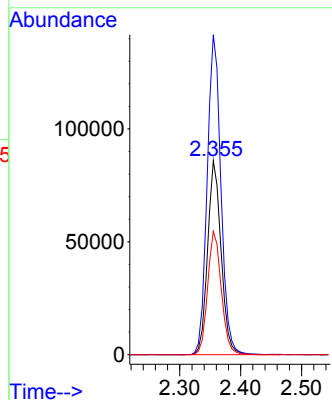
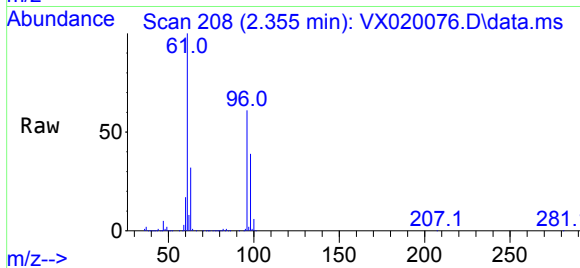




#12
1,1-Dichloroethene
Concen: 49.55 ug/l
RT: 2.355 min Scan# 208
Delta R.T. -0.000 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

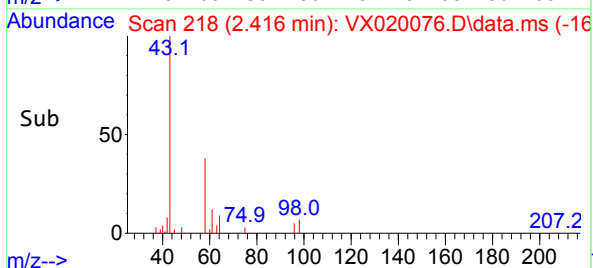
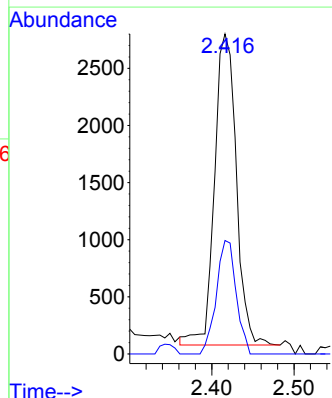
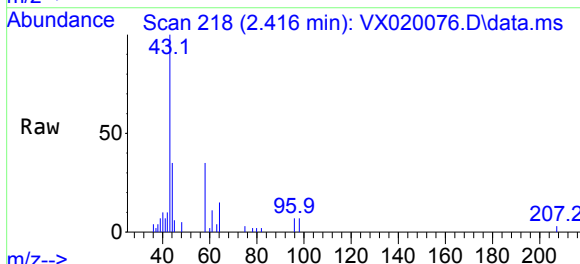
Instrument :
MSVOA_X
ClientSampleId :
MW-2

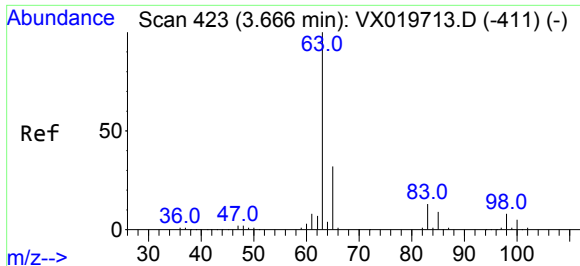
Tgt Ion: 96 Resp: 133108
Ion Ratio Lower Upper
96 100
61 165.0 124.6 187.0
98 63.6 50.6 76.0



#16
Acetone
Concen: 3.45 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion: 43 Resp: 5003
Ion Ratio Lower Upper
43 100
58 36.5 27.8 41.8

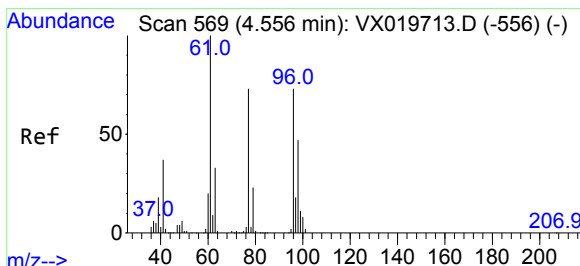
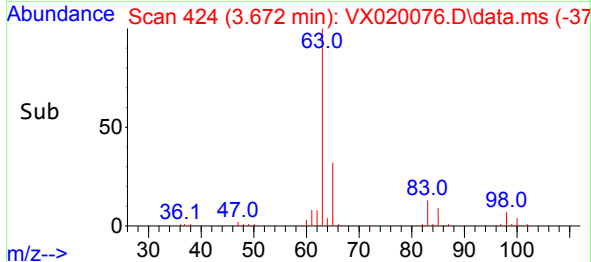
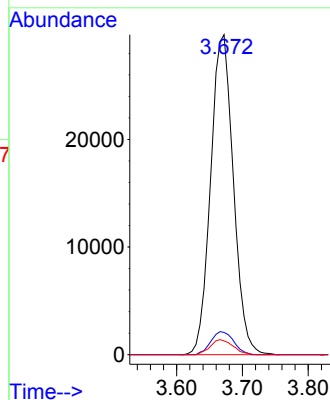
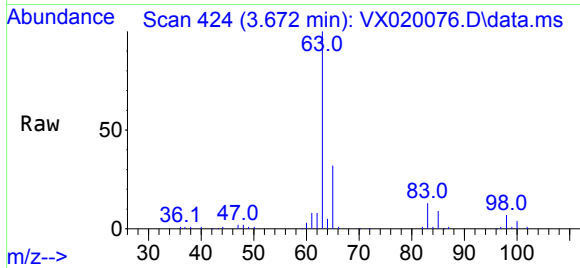




#24
1,1-Dichloroethane
Concen: 12.94 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

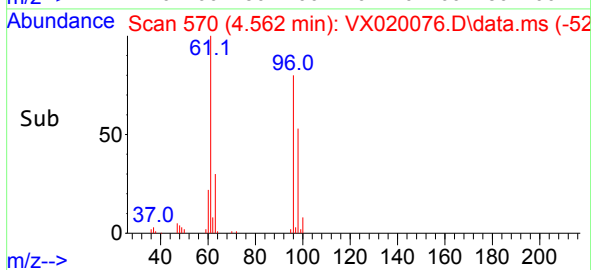
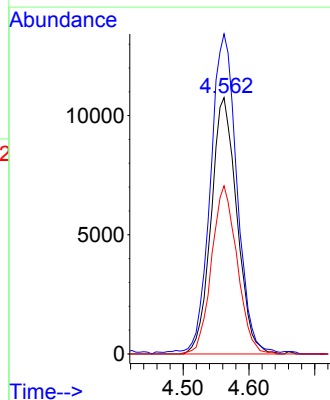
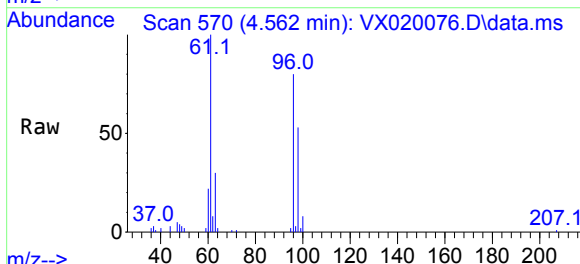
Instrument :
MSVOA_X
ClientSampled :
MW-2

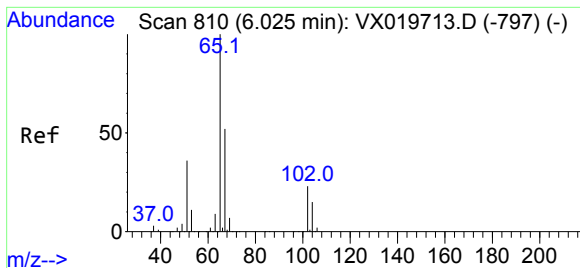
Tgt Ion:	63	Resp:	71553
Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.8	11.2
100	4.3	2.5	7.5



#27
cis-1,2-Dichloroethene
Concen: 7.99 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion:	96	Resp:	29299
Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	285.6
98	65.1	0.0	129.6

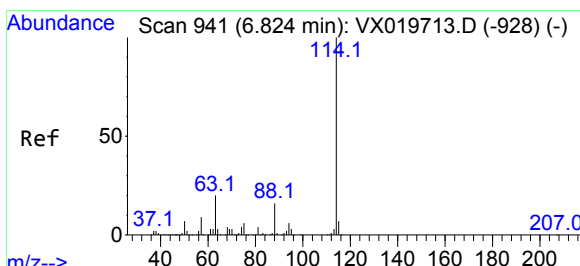
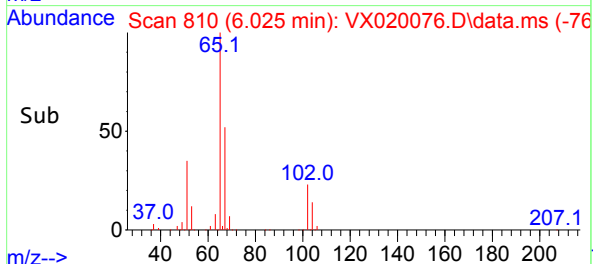
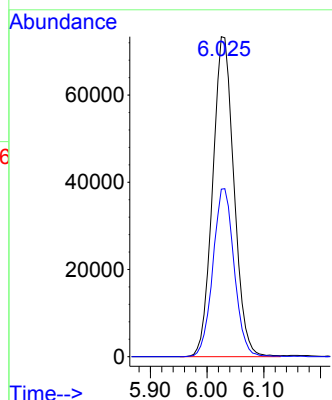
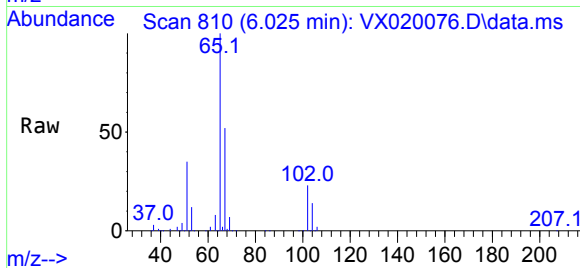




#33
1,2-Dichloroethane-d4
Concen: 49.70 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

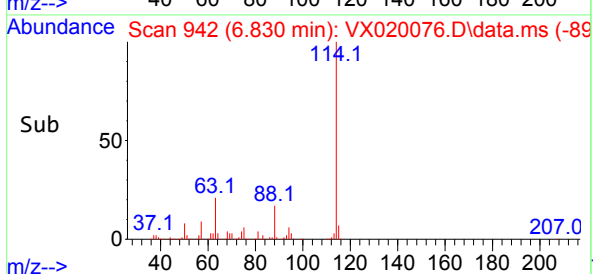
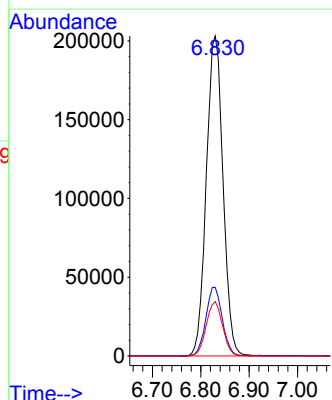
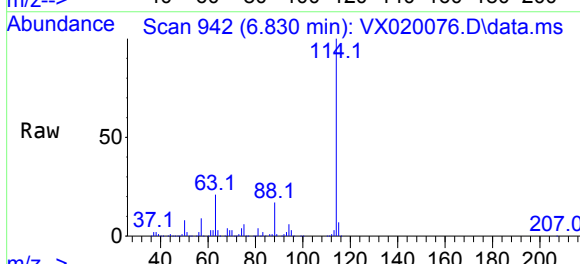
Instrument :
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ClientSampleId :
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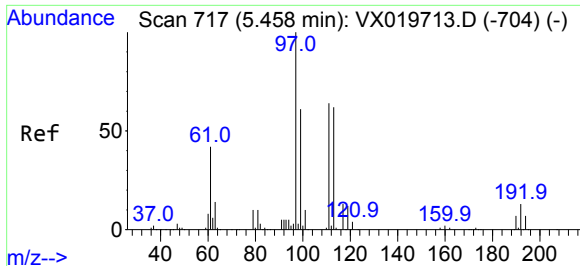
Tgt Ion: 65 Resp: 191506
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion: 114 Resp: 487249
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 17.0 0.0 32.8

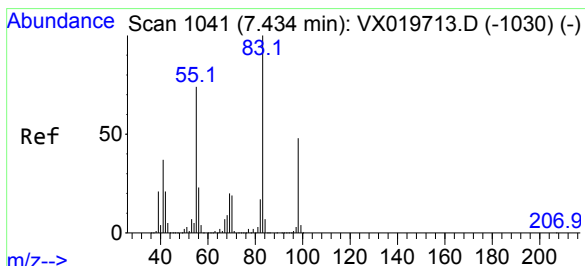
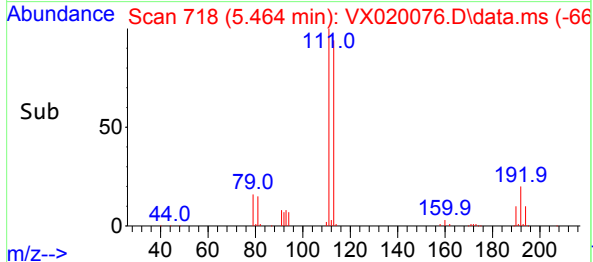
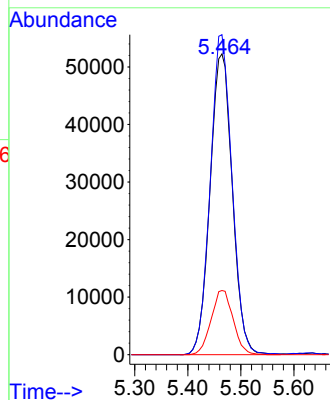
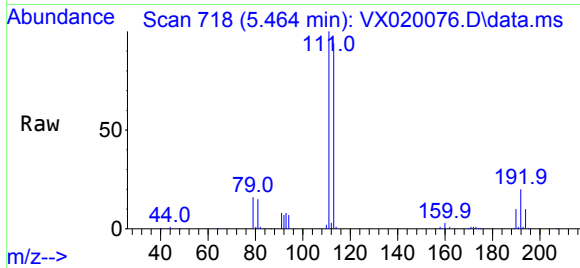




#35
Dibromofluoromethane
Concen: 48.51 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

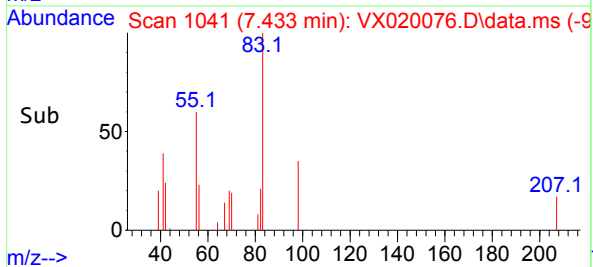
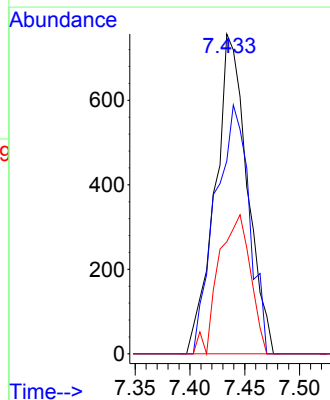
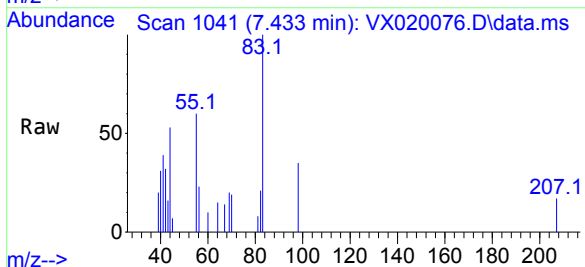
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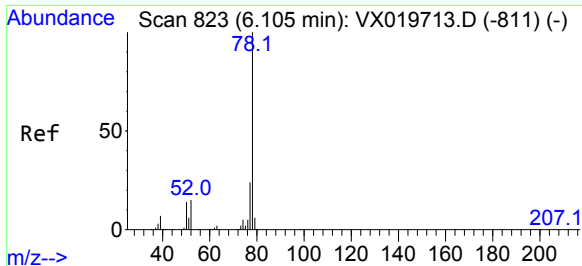
Tgt Ion:113 Resp: 152749
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 21.0 16.7 25.1



#39
Methylcyclohexane
Concen: 0.30 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion: 83 Resp: 1546
Ion Ratio Lower Upper
83 100
55 60.2 58.9 88.3
98 35.0 38.1 57.1#

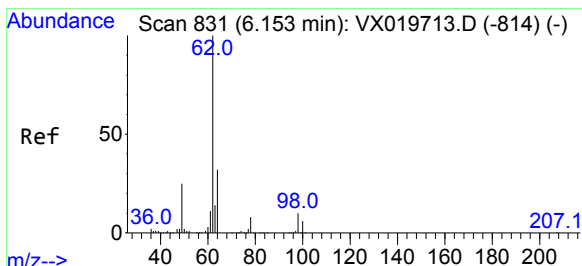
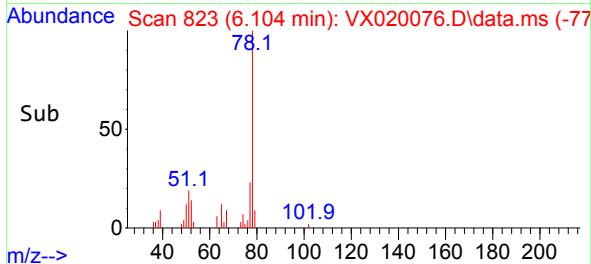
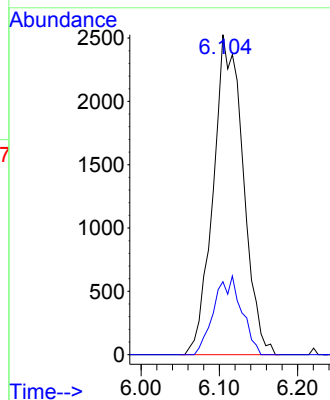
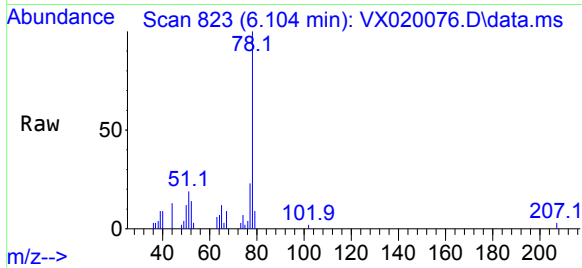




#40
Benzene
Concen: 0.50 ug/l
RT: 6.104 min Scan# 823
Delta R.T. -0.000 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

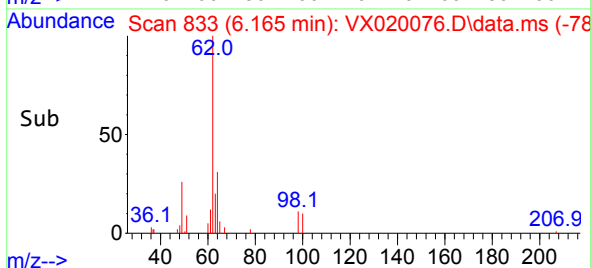
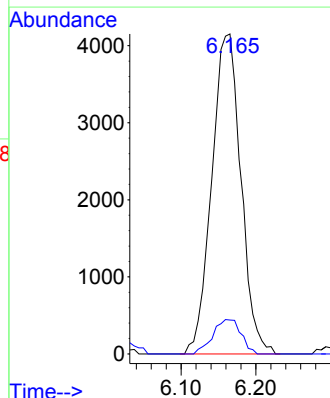
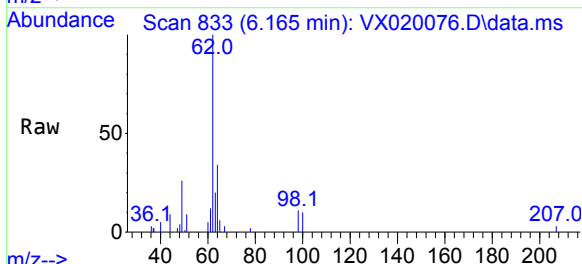
Instrument :
MSVOA_X
ClientSampleId :
MW-2

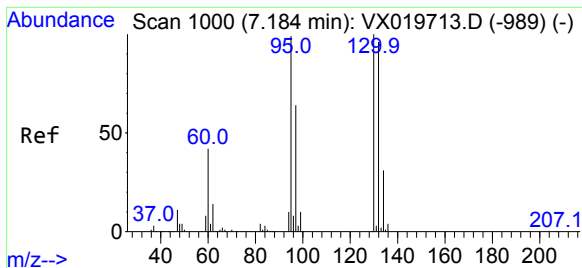
Tgt Ion: 78 Resp: 6707
Ion Ratio Lower Upper
78 100
77 22.8 18.9 28.3



#42
1,2-Dichloroethane
Concen: 2.45 ug/l
RT: 6.165 min Scan# 833
Delta R.T. 0.012 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion: 62 Resp: 11271
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.2

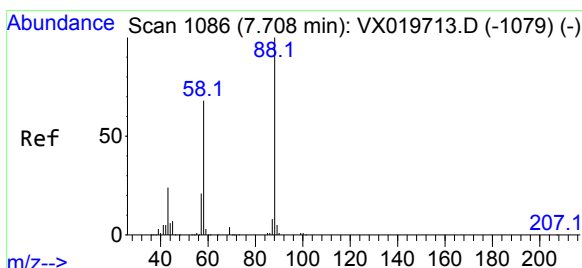
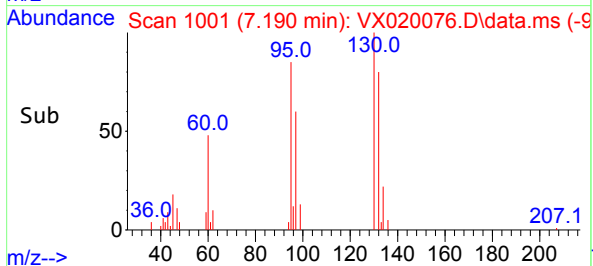
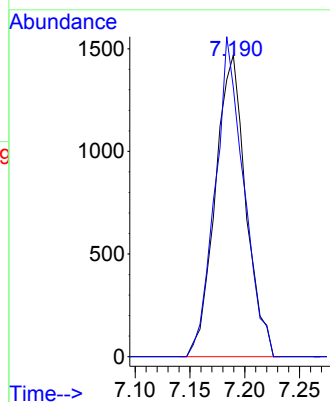
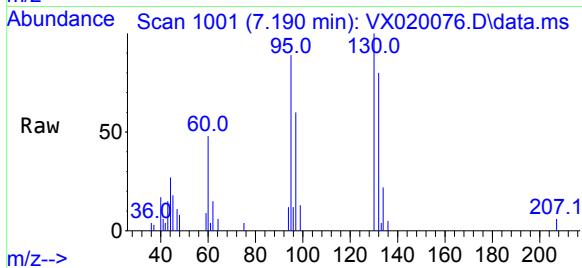




#44
Trichloroethene
Concen: 0.81 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

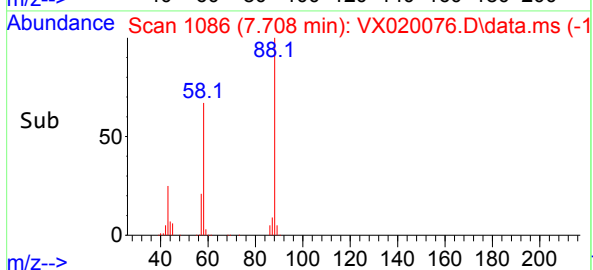
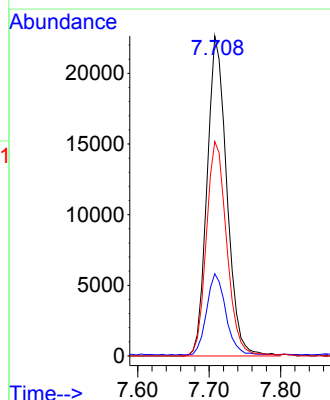
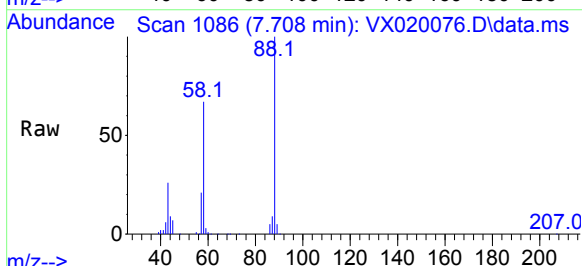
Instrument :
MSVOA_X
ClientSampled :
MW-2

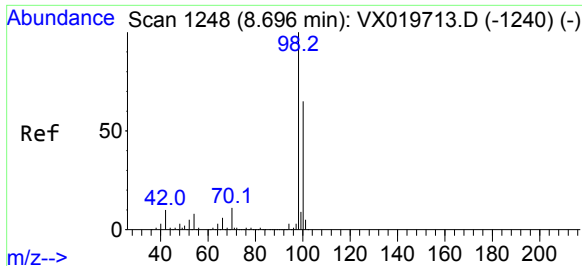
Tgt Ion:130 Resp: 2853
Ion Ratio Lower Upper
130 100
95 89.3 0.0 198.0



#49
1,4-Dioxane
Concen: 504.41 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion: 88 Resp: 43434
Ion Ratio Lower Upper
88 100
43 24.8 23.2 34.8
58 69.4 55.0 82.4

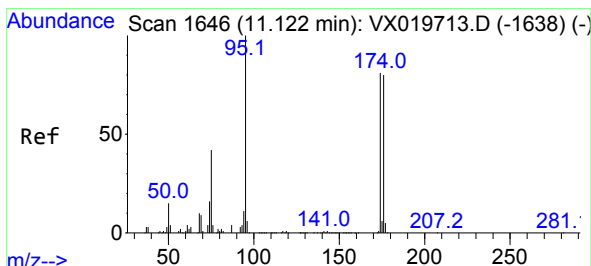
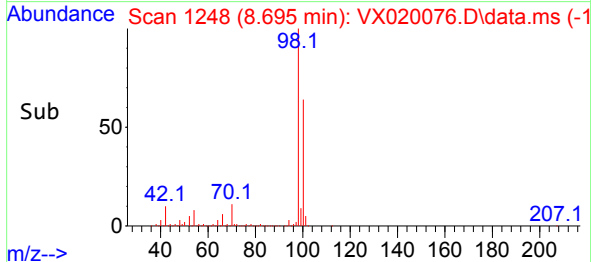
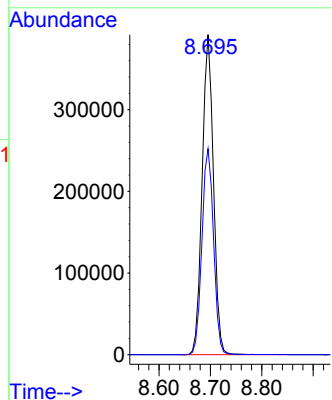
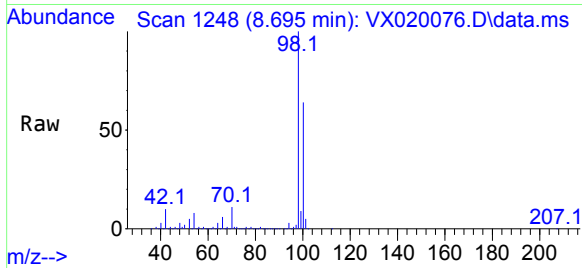




#50
Toluene-d8
Concen: 49.70 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

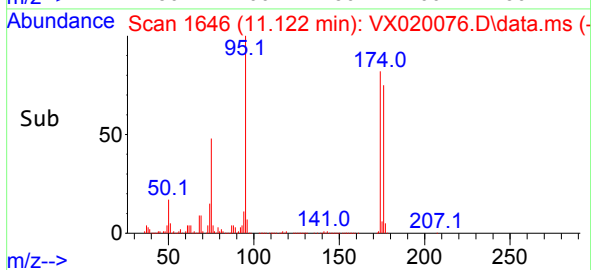
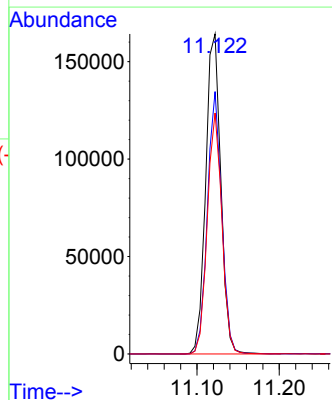
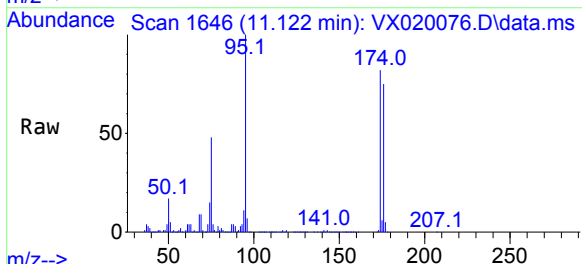
Instrument :
MSVOA_X
ClientSampled :
MW-2

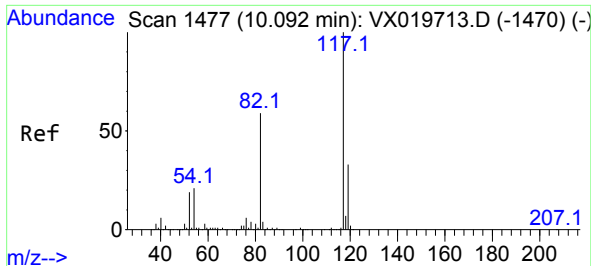
Tgt Ion: 98 Resp: 597460
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.80 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

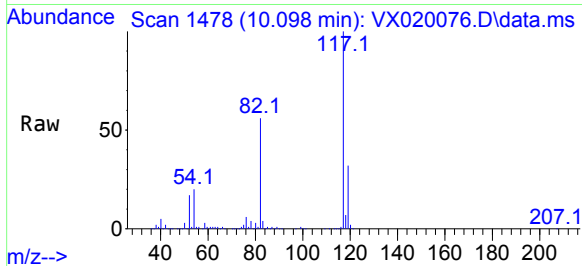
Tgt Ion: 95 Resp: 209567
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 72.7 0.0 155.8



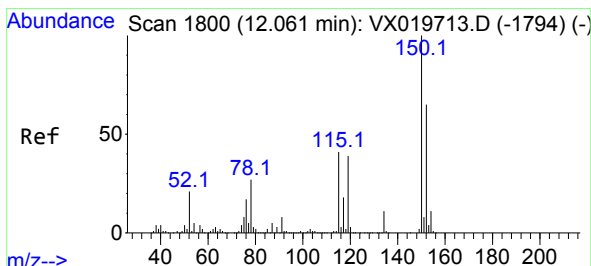
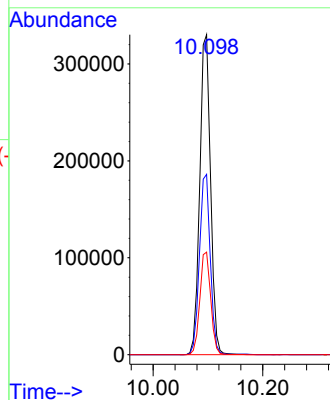
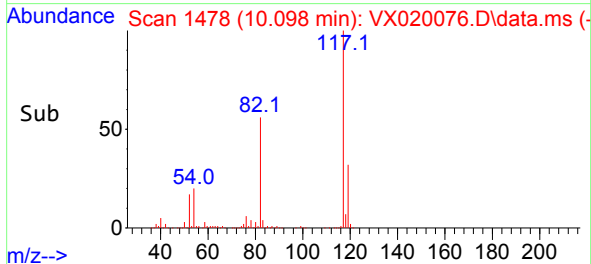


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

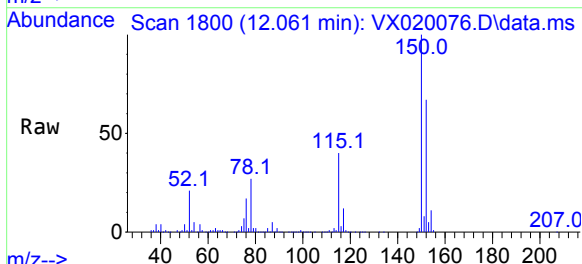
Instrument :
MSVOA_X
ClientSampleId :
MW-2



Tgt Ion:117 Resp: 453566
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27



Tgt Ion:152 Resp: 194501
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 153.5 0.0 349.0

