

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011221\
 Data File : VX020579.D
 Acq On : 12 Jan 2021 14:59
 Operator : JC/MD
 Sample : M1083-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Jan 13 00:26:41 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	181623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	284696	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	272026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	120948	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	110643	50.72	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.44%
35) Dibromofluoromethane	5.464	113	98329	49.85	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.70%
50) Toluene-d8	8.696	98	333937	47.31	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.62%
62) 4-Bromofluorobenzene	11.122	95	116801	46.86	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.72%

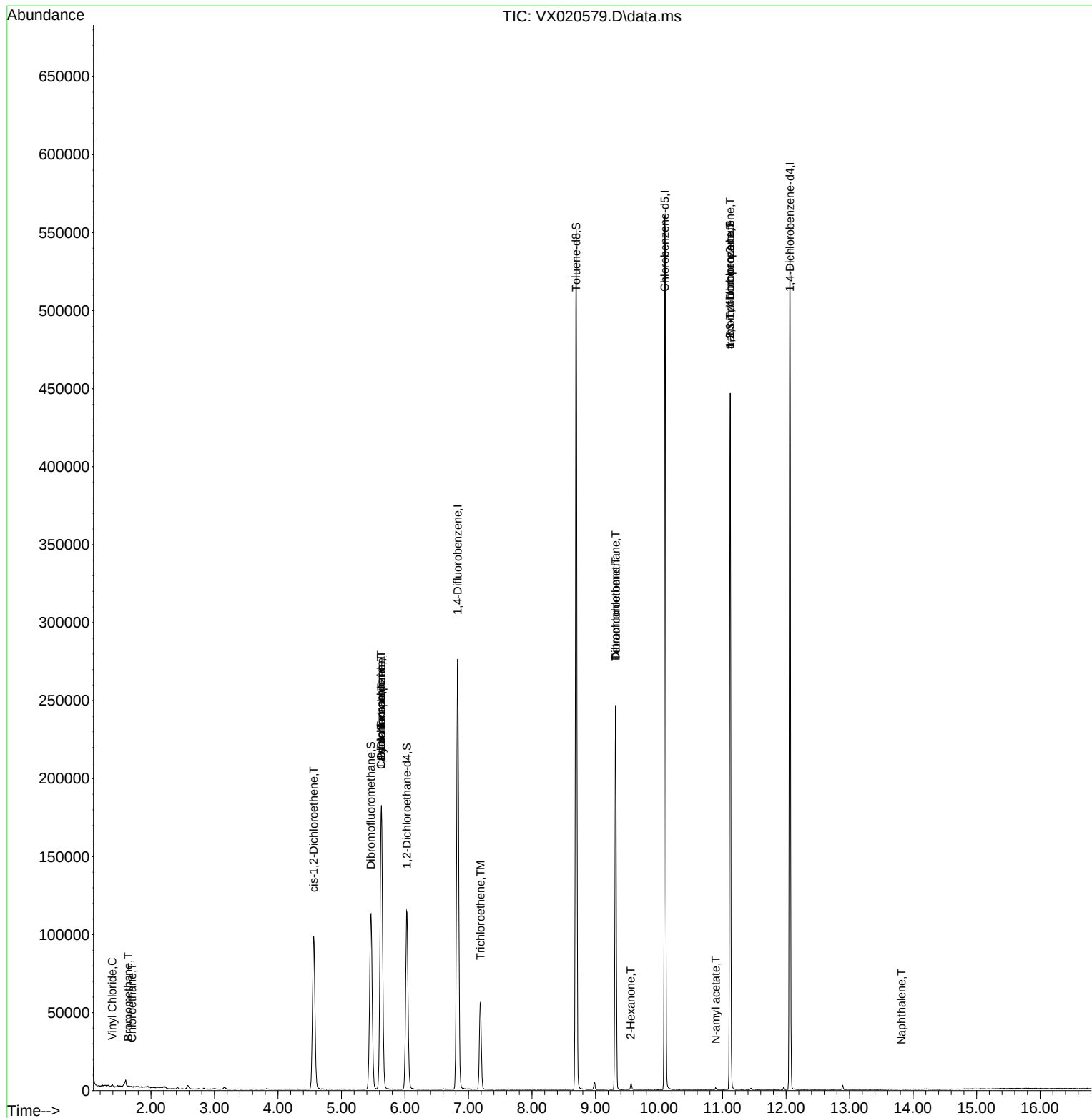
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	674	0.35	ug/l	96
5) Bromomethane	1.642	94	262	0.20	ug/l	84
6) Chloroethane	1.703	64	19	0.44	ug/l #	43
11) Tert butyl alcohol	2.989	59	368	Below Cal	#	73
16) Acetone	2.416	43	1134	Below Cal		91
27) cis-1,2-Dichloroethene	4.562	96	66906	30.78	ug/l	84
31) Cyclohexane	5.629	56	3194	1.25	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	12553	4.83	ug/l #	49
38) Carbon Tetrachloride	5.623	117	16922	5.57	ug/l #	17
44) Trichloroethene	7.190	130	22617	9.73	ug/l	89
59) 2-Hexanone	9.555	43	530	0.31	ug/l #	32
60) Dibromochloromethane	9.317	129	45586	19.21	ug/l #	11
64) Tetrachloroethene	9.317	164	50016	20.36	ug/l	98
74) N-amyl acetate	10.896	43	198	1.30	ug/l #	15
76) 1,2,3-Trichloropropane	11.122	75	56689	22.25	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	56689	60.62	ug/l #	12
95) Naphthalene	13.817	128	72	3.85	ug/l #	69

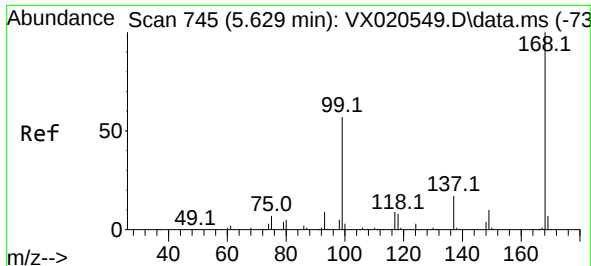
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 13 00:26:41 2021
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Quant Title : SW846 8260
QLast Update : Mon Jan 11 15:05:37 2021
Response via : Initial Calibration

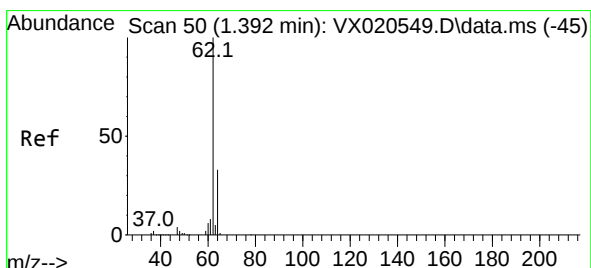
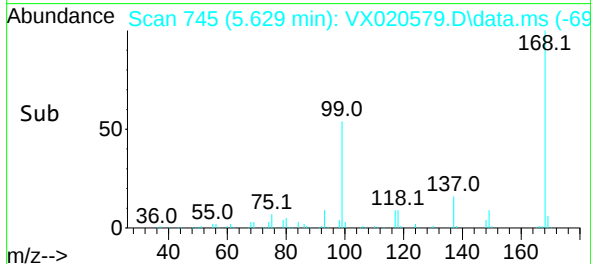
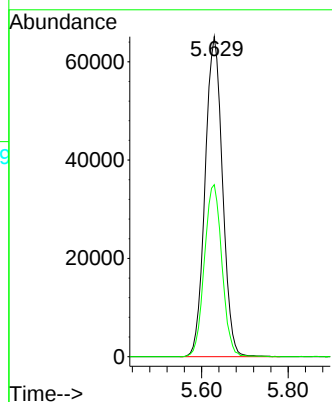
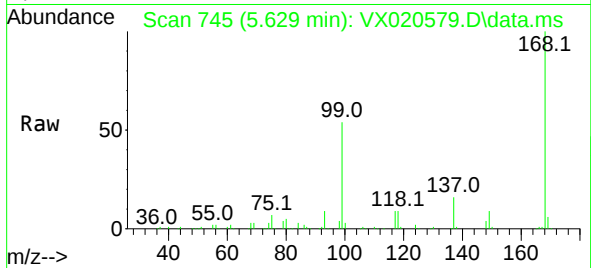




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

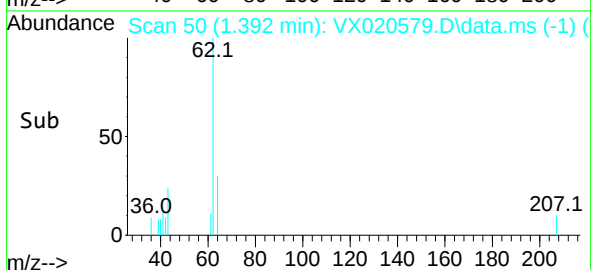
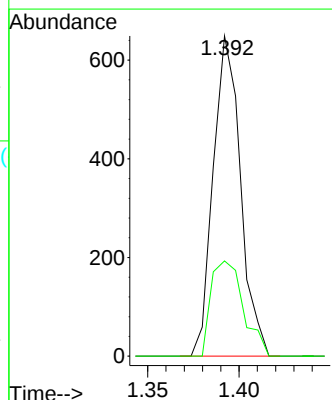
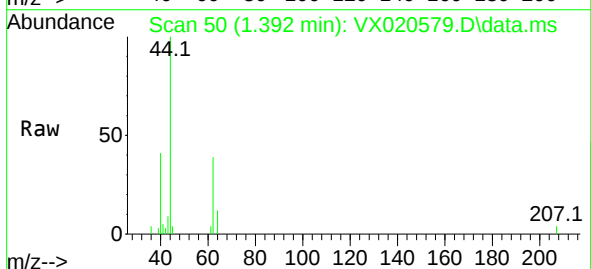
Instrument :
MSVOA_X
ClientSampleId :
MW-2

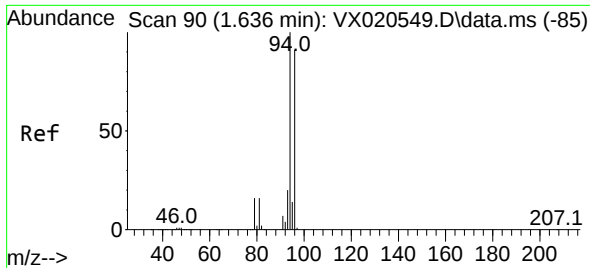
Tgt Ion:168 Resp: 181623
Ion Ratio Lower Upper
168 100
99 53.8 45.8 68.6



#4
Vinyl Chloride
Concen: 0.35 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

Tgt Ion: 62 Resp: 674
Ion Ratio Lower Upper
62 100
64 29.7 25.7 38.5

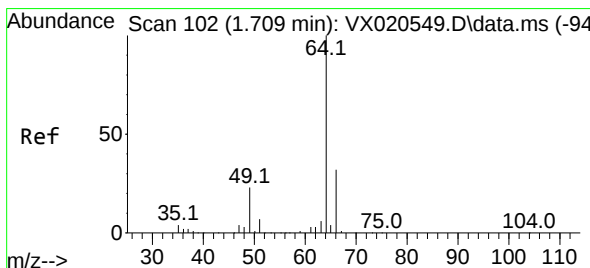
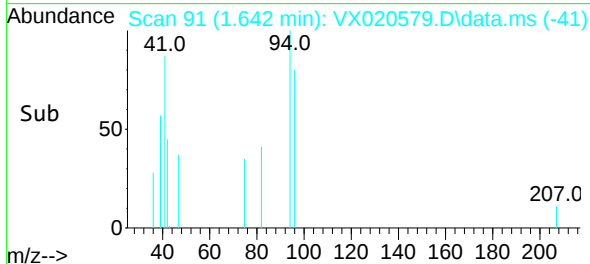
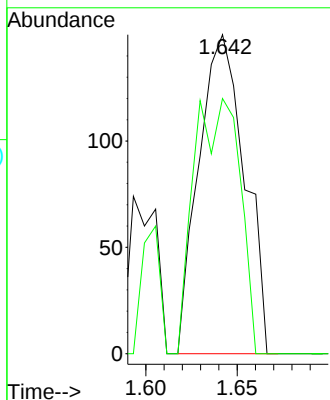
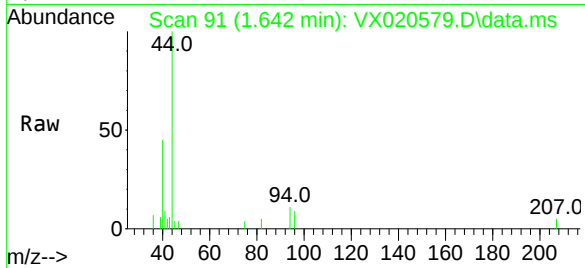




#5
Bromomethane
Concen: 0.20 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

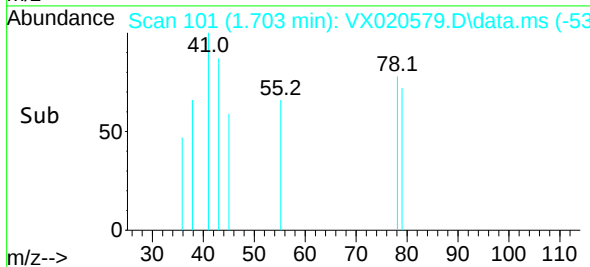
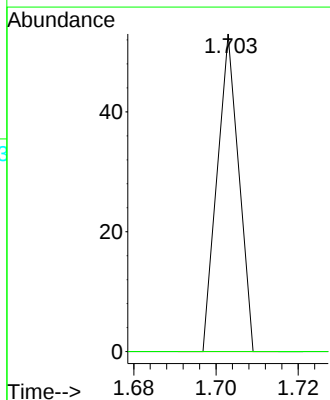
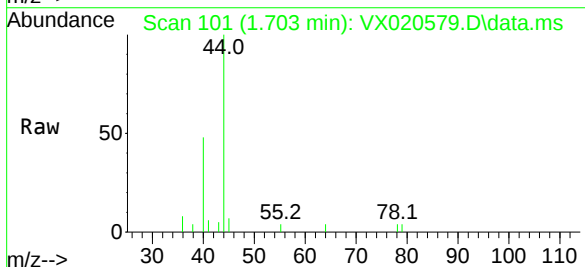
Instrument :
MSVOA_X
ClientSampleId :
MW-2

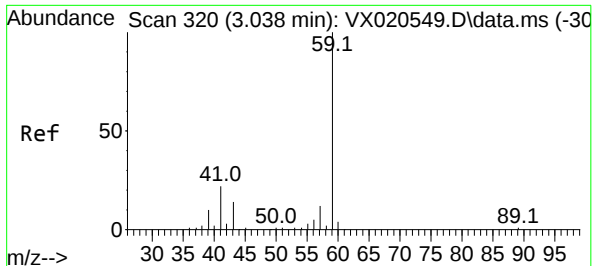
Tgt Ion: 94 Resp: 262
Ion Ratio Lower Upper
94 100
96 80.0 76.4 114.6



#6
Chloroethane
Concen: 0.44 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

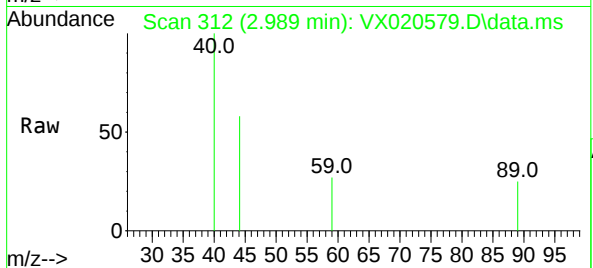
Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



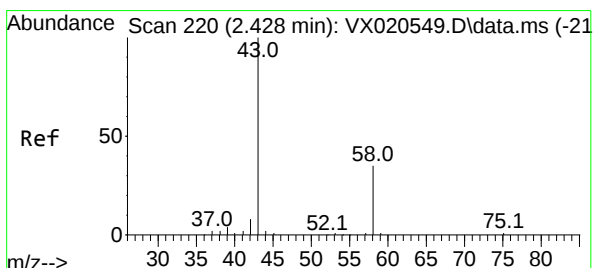
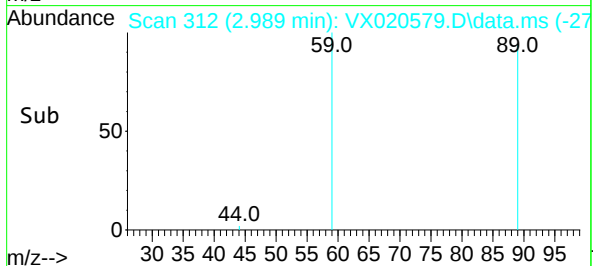
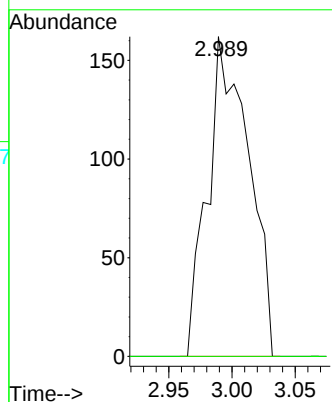


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.989 min Scan# 312
Delta R.T. -0.049 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

Instrument :
MSVOA_X
ClientSampled :
MW-2

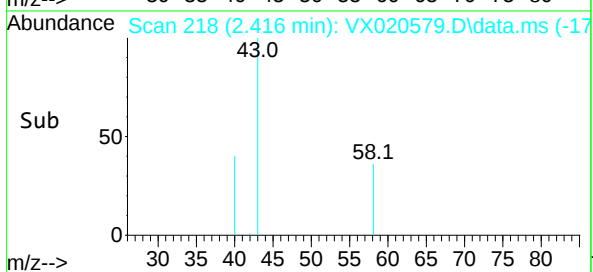
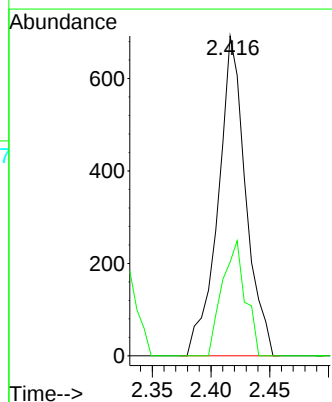
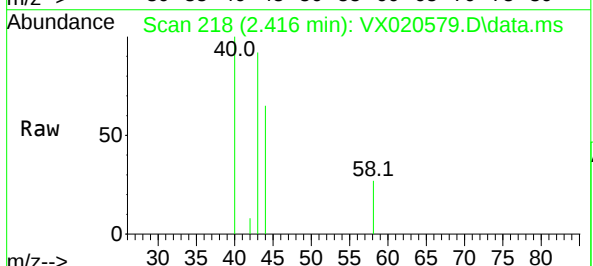


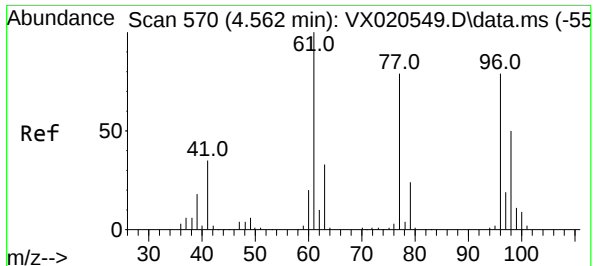
Tgt Ion: 59 Resp: 368
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: Below Cal
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

Tgt Ion: 43 Resp: 1134
Ion Ratio Lower Upper
43 100
58 29.3 27.8 41.8

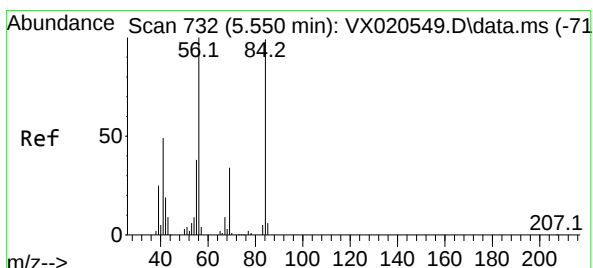
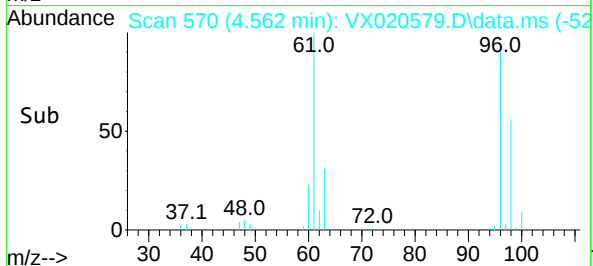
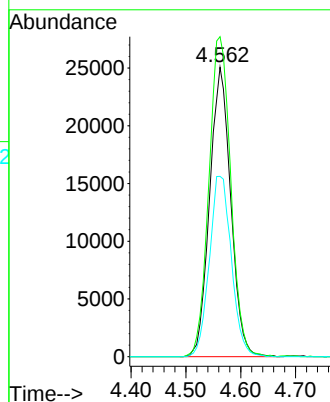
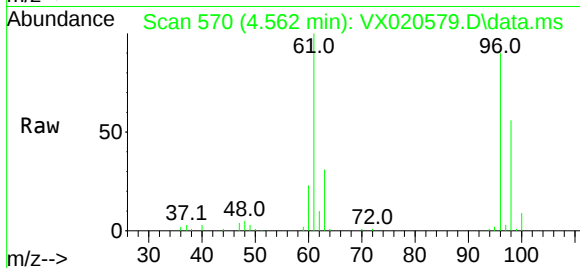




#27
cis-1,2-Dichloroethene
Concen: 30.78 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

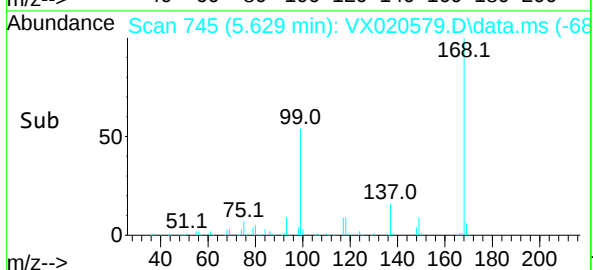
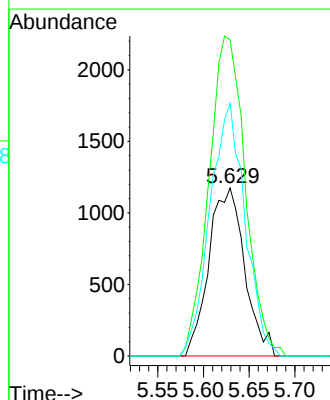
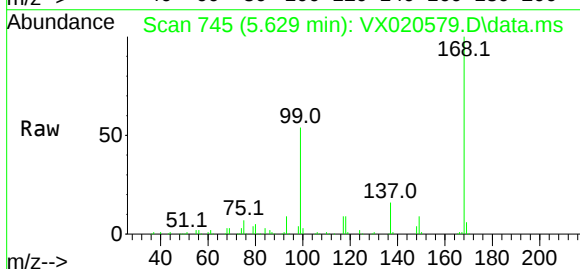
Instrument :
MSVOA_X
ClientSampled :
MW-2

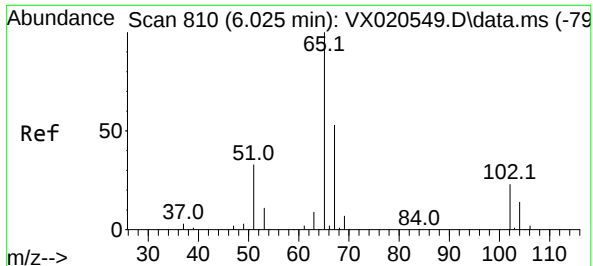
Tgt Ion:	96	Resp:	66906
Ion	Ratio	Lower	Upper
96	100		
61	114.8	0.0	285.6
98	65.1	0.0	129.6



#31
Cyclohexane
Concen: 1.25 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.079 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

Tgt Ion:	56	Resp:	3194
Ion	Ratio	Lower	Upper
56	100		
69	188.3	25.3	37.9#
84	150.6	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.72 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

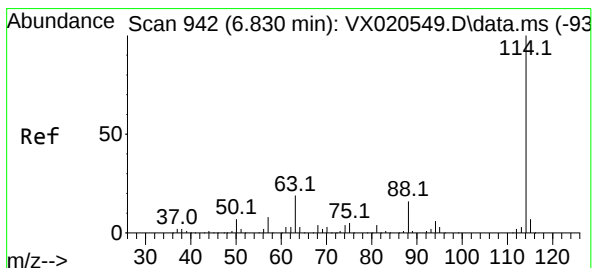
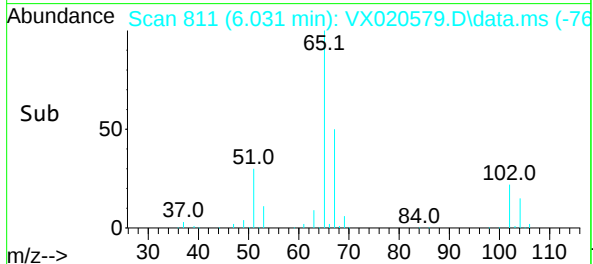
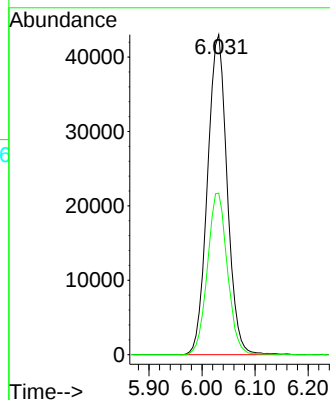
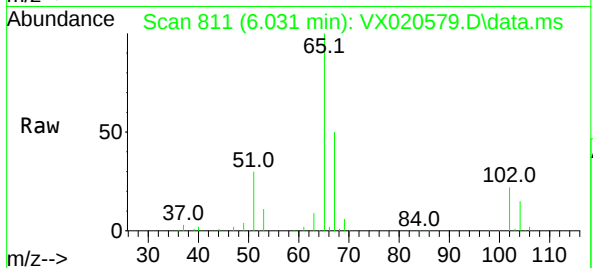
Lab File: VX020579.D

Acq: 12 Jan 2021 14:59

Tgt Ion: 65 Resp: 110643

Ion Ratio Lower Upper

65	100		
67	51.3	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

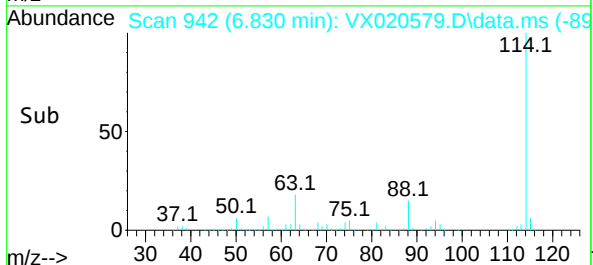
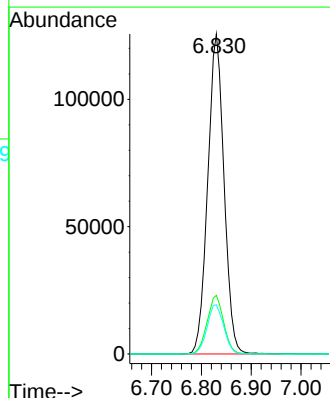
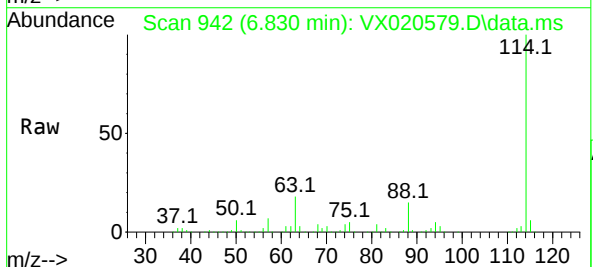
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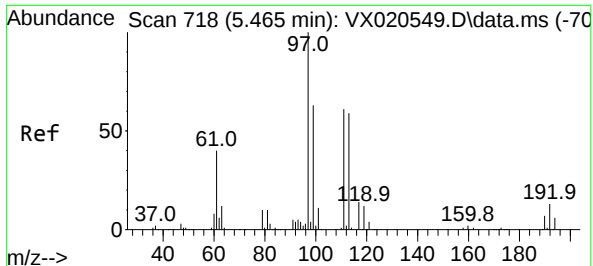
Acq: 12 Jan 2021 14:59

Tgt Ion: 114 Resp: 284696

Ion Ratio Lower Upper

114	100		
63	18.3	0.0	40.8
88	15.4	0.0	32.8





#35

Dibromofluoromethane

Concen: 49.85 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.001 min

Lab File: VX020579.D

Acq: 12 Jan 2021 14:59

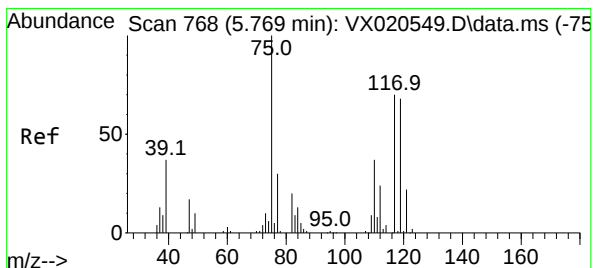
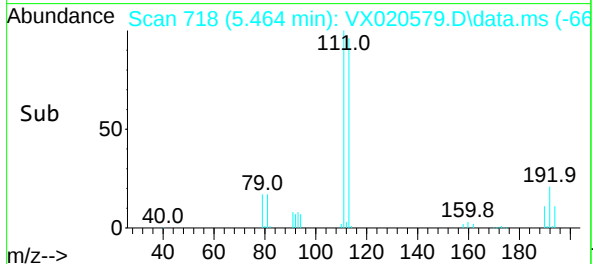
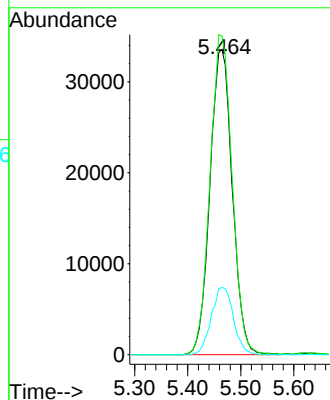
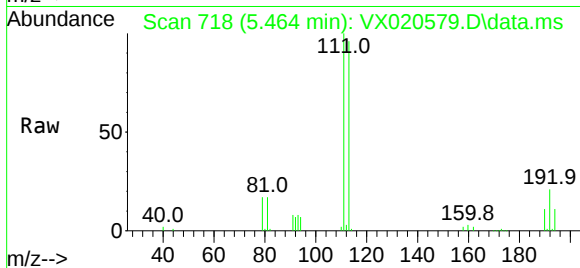
Tgt Ion:113 Resp: 98329

Ion Ratio Lower Upper

113 100

111 103.9 81.9 122.9

192 21.7 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.83 ug/l

RT: 5.623 min Scan# 744

Delta R.T. -0.146 min

Lab File: VX020579.D

Acq: 12 Jan 2021 14:59

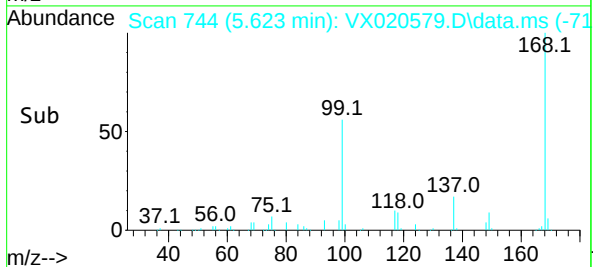
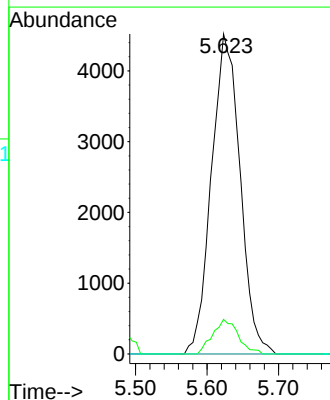
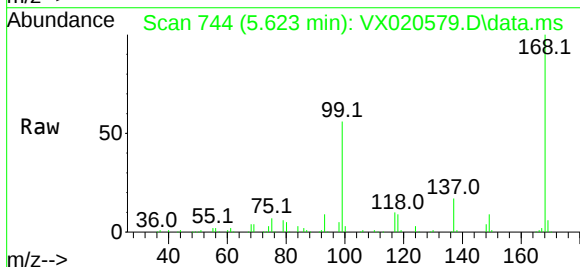
Tgt Ion: 75 Resp: 12553

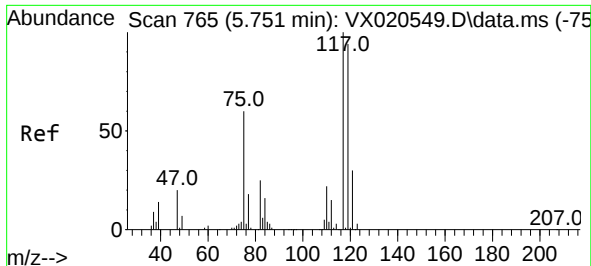
Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.4#

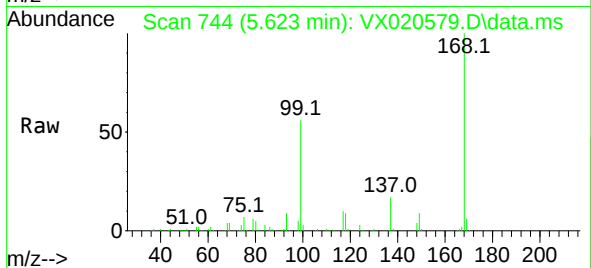
77 0.0 25.3 37.9#



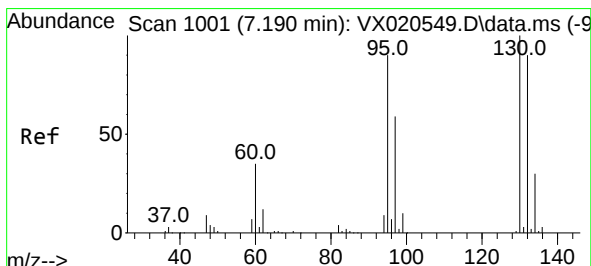
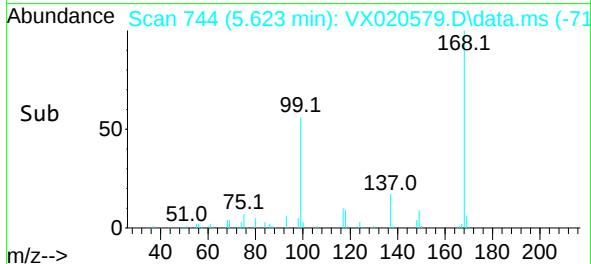
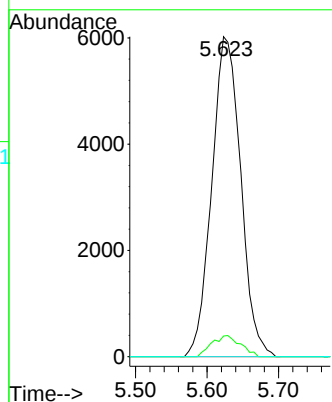


#38
Carbon Tetrachloride
Concen: 5.57 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

Instrument :
MSVOA_X
ClientSampleId :
MW-2

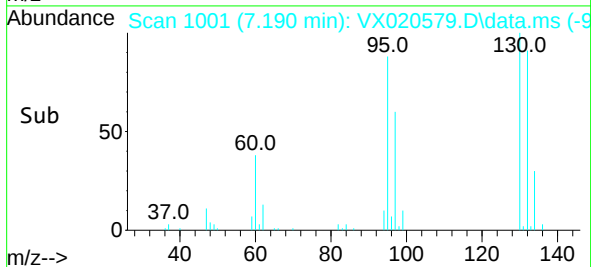
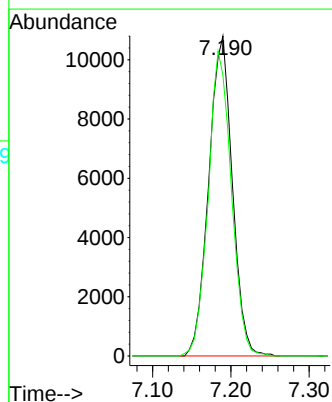
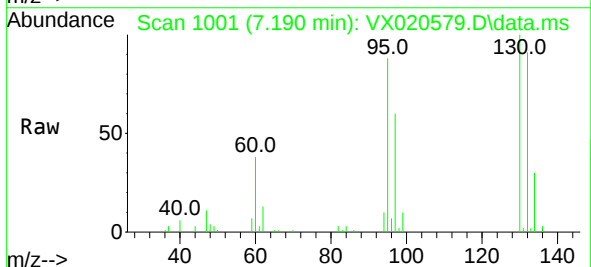


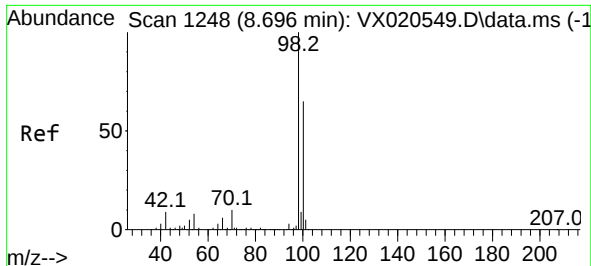
Tgt Ion:117 Resp: 16922
Ion Ratio Lower Upper
117 100
119 6.4 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 9.73 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

Tgt Ion:130 Resp: 22617
Ion Ratio Lower Upper
130 100
95 87.8 0.0 198.0

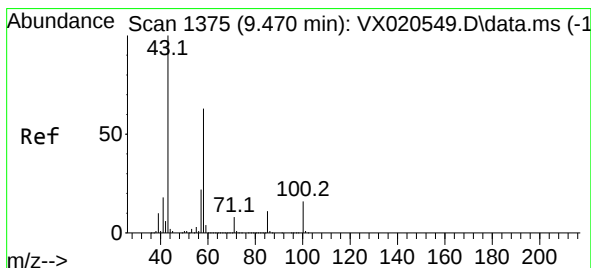
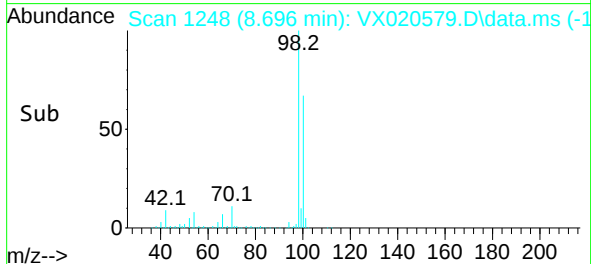
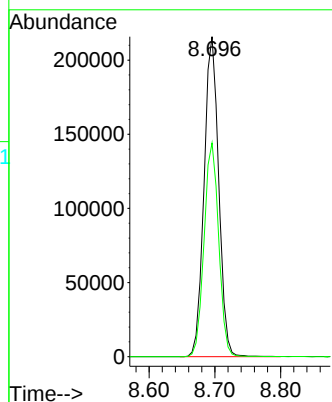
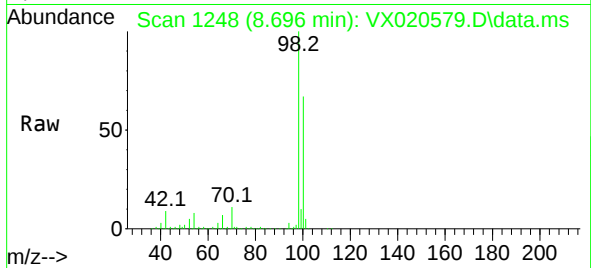




#50
Toluene-d8
Concen: 47.31 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

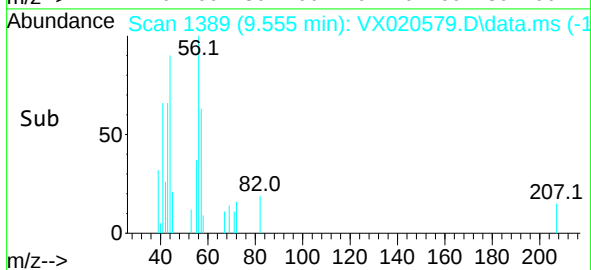
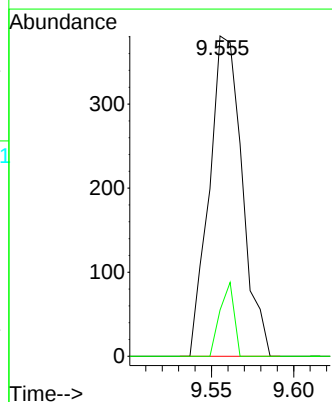
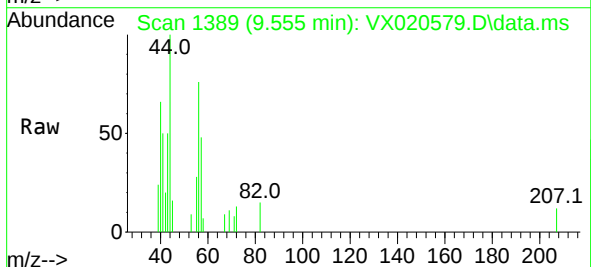
Instrument :
MSVOA_X
ClientSampleId :
MW-2

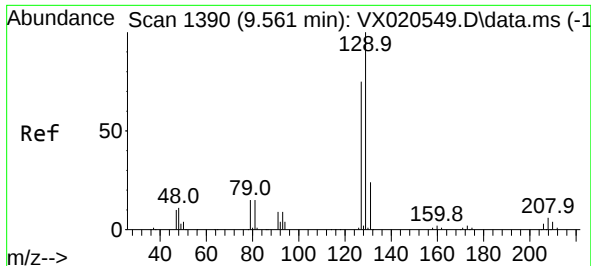
Tgt Ion: 98 Resp: 333937
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9



#59
2-Hexanone
Concen: 0.31 ug/l
RT: 9.555 min Scan# 1389
Delta R.T. 0.085 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

Tgt Ion: 43 Resp: 530
Ion Ratio Lower Upper
43 100
58 9.8 30.9 92.8#

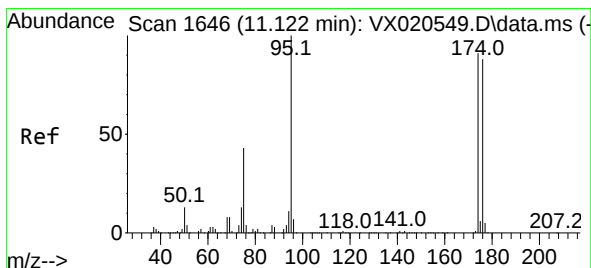
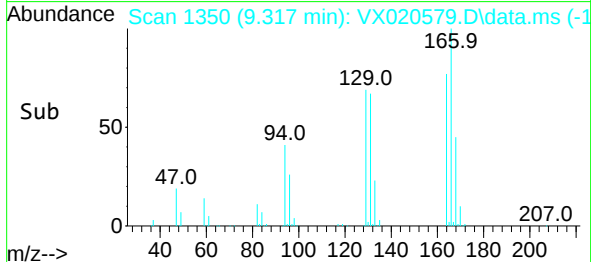
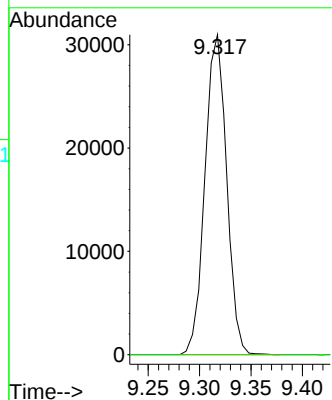
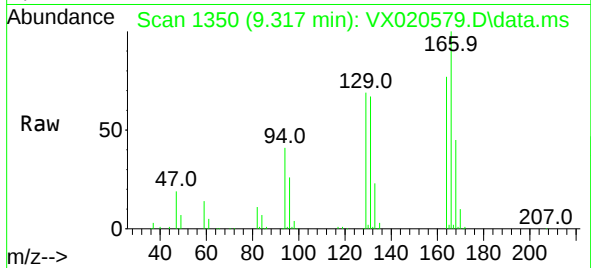




#60
Dibromochloromethane
Concen: 19.21 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

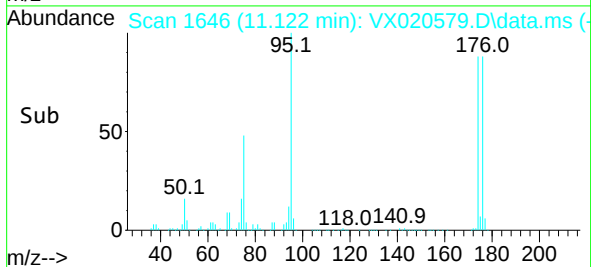
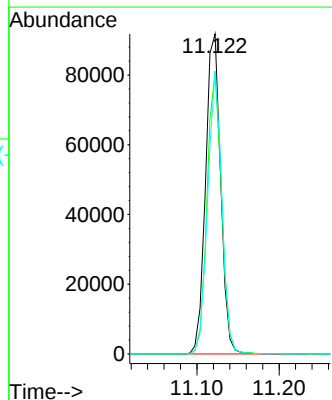
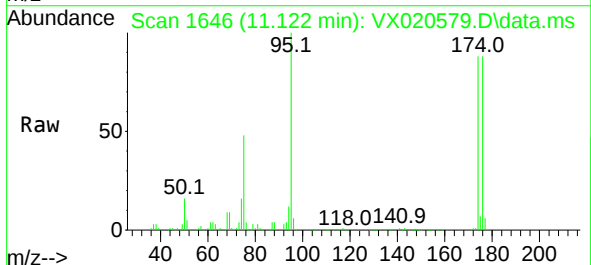
Instrument :
MSVOA_X
ClientSampleId :
MW-2

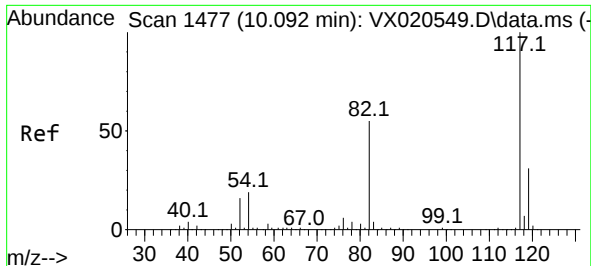
Tgt Ion:129 Resp: 45586
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.86 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

Tgt Ion: 95 Resp: 116801
Ion Ratio Lower Upper
95 100
174 85.4 0.0 154.6
176 83.3 0.0 155.8

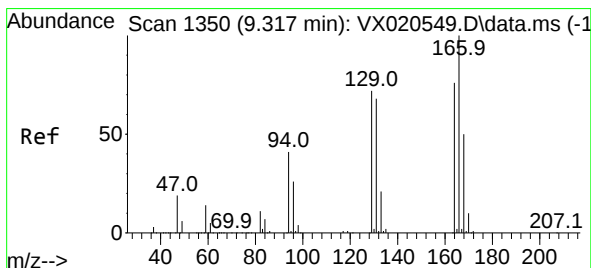
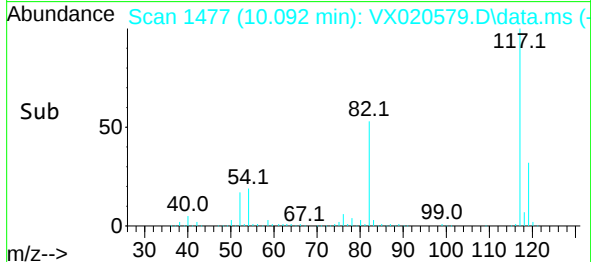
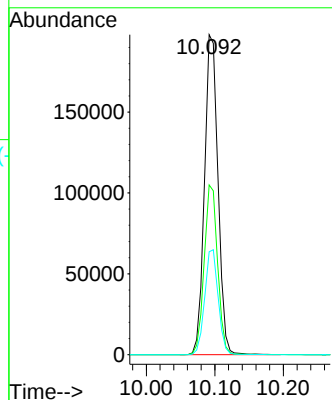
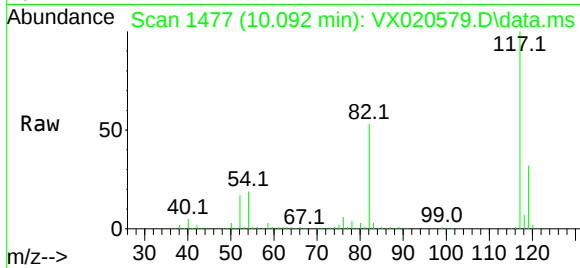




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

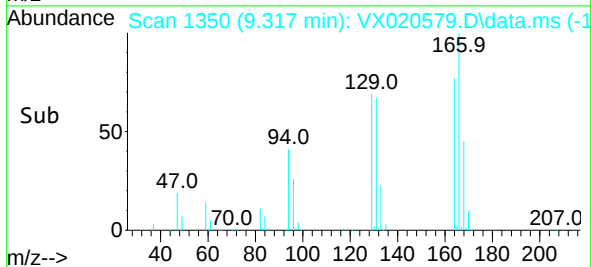
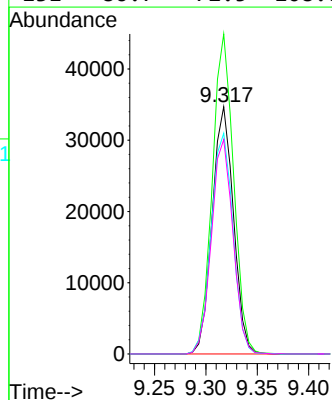
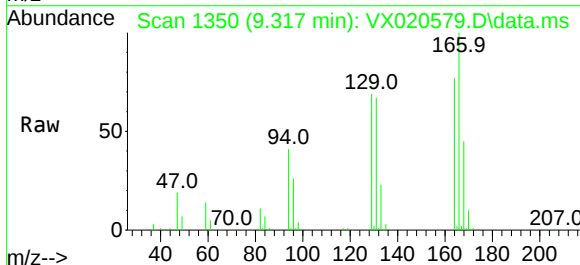
Instrument :
MSVOA_X
ClientSampleId :
MW-2

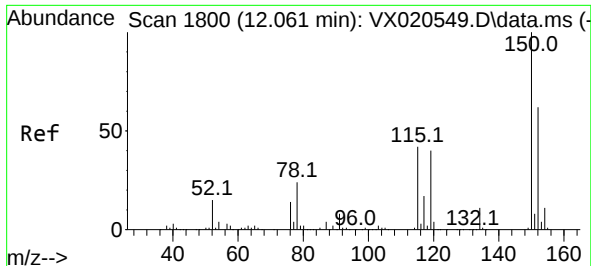
Tgt Ion:117 Resp: 272026
Ion Ratio Lower Upper
117 100
82 53.0 47.4 71.2
119 32.2 26.6 39.8



#64
Tetrachloroethene
Concen: 20.36 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

Tgt Ion:164 Resp: 50016
Ion Ratio Lower Upper
164 100
166 129.5 103.4 155.2
129 89.3 70.8 106.2
131 86.7 72.5 108.7

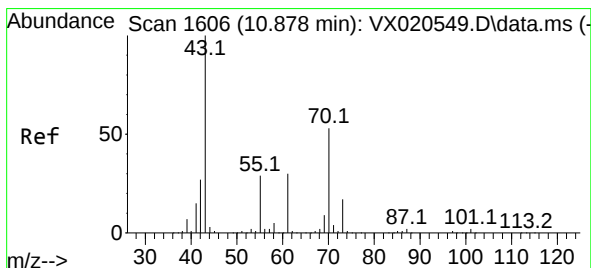
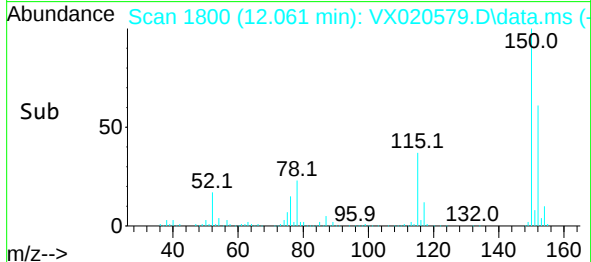
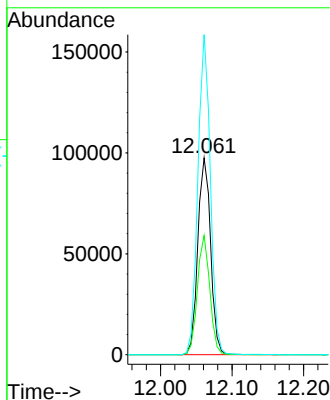
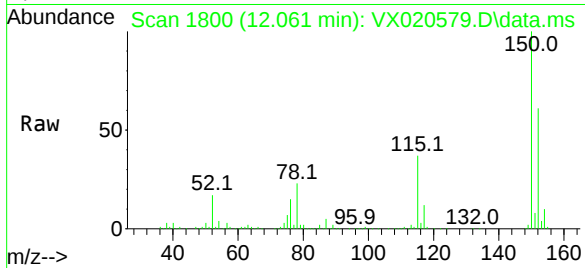




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

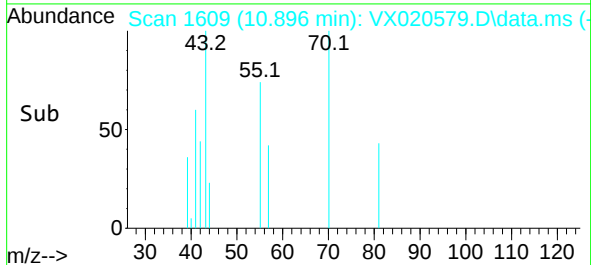
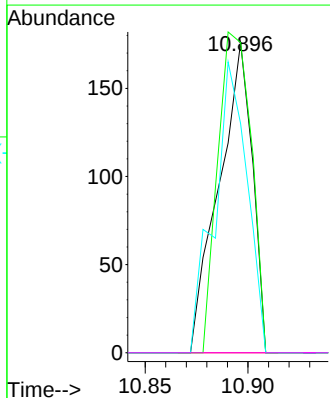
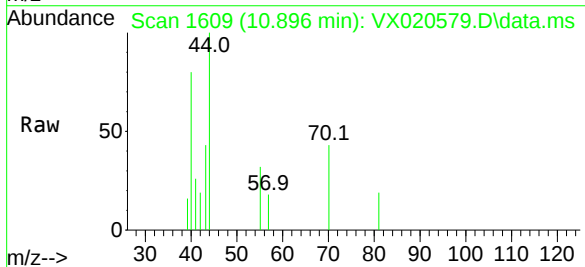
Instrument :
MSVOA_X
ClientSampled :
MW-2

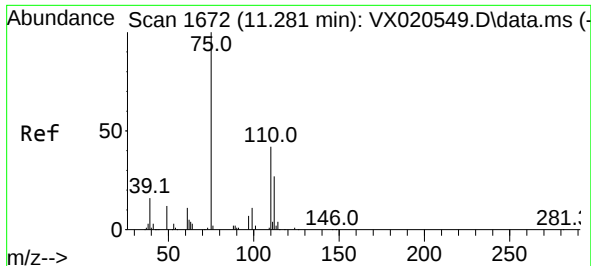
Tgt Ion:152 Resp: 120948
Ion Ratio Lower Upper
152 100
115 58.5 41.1 123.3
150 157.7 0.0 349.0



#74
N-ethyl acetate
Concen: 1.30 ug/l
RT: 10.896 min Scan# 1609
Delta R.T. 0.018 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

Tgt Ion: 43 Resp: 198
Ion Ratio Lower Upper
43 100
70 104.0 39.0 58.6#
55 92.4 21.5 32.3#
61 0.0 22.1 33.1#

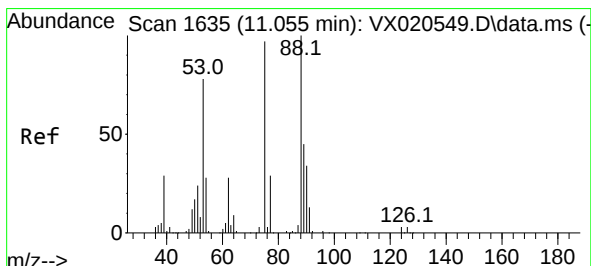
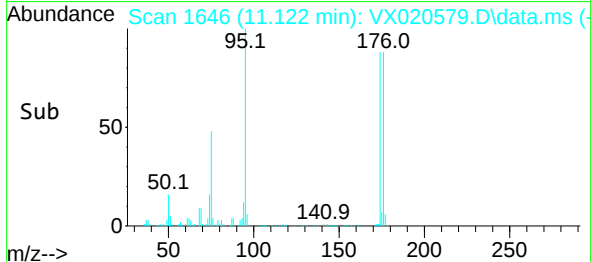
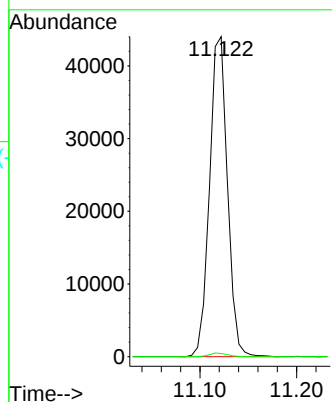
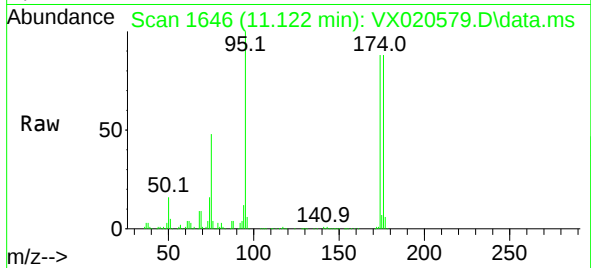




#76
1,2,3-Trichloropropane
Concen: 22.25 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

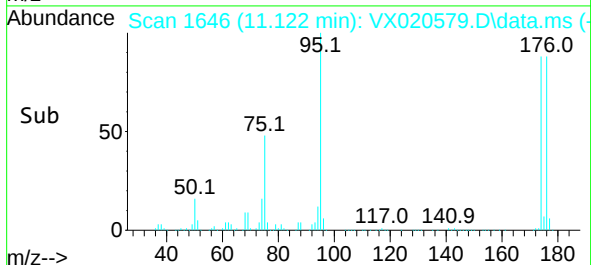
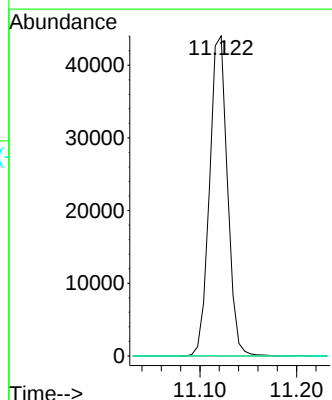
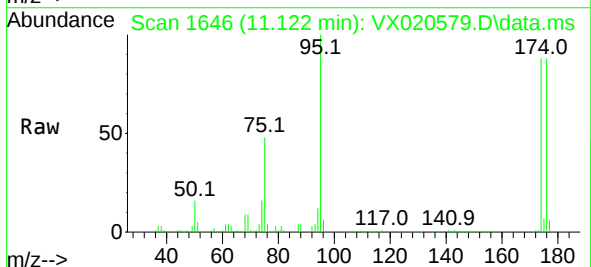
Instrument :
MSVOA_X
ClientSampled :
MW-2

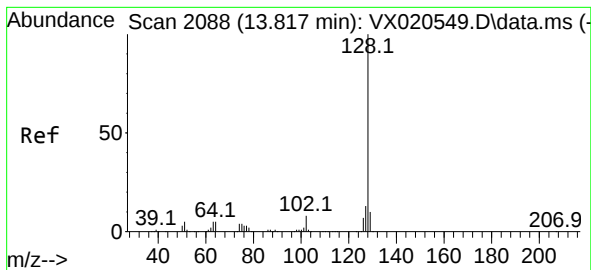
Tgt Ion: 75 Resp: 56689
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.62 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

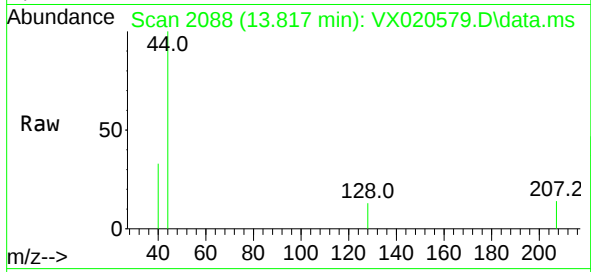
Tgt Ion: 75 Resp: 56689
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.85 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020579.D
Acq: 12 Jan 2021 14:59

Instrument :
MSVOA_X
ClientSampleId :
MW-2



Tgt Ion:128 Resp: 72
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

