

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020984.D
 Acq On : 02 Mar 2021 22:56
 Operator : JC/MD
 Sample : M1536-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Mar 03 01:21:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

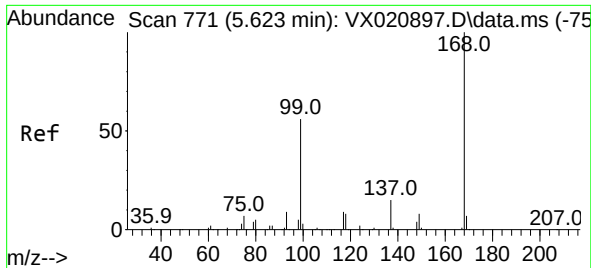
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	204433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	381611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	368585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	155716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	136451	49.41	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.82%
35) Dibromofluoromethane	5.470	113	120786	52.09	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.18%
50) Toluene-d8	8.694	98	479523	53.04	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.08%
62) 4-Bromofluorobenzene	11.118	95	172726	51.67	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.34%
Target Compounds						
					Qvalue	
5) Bromomethane	1.634	94	203	Below Cal	#	28
11) Tert butyl alcohol	3.005	59	128	0.21 ug/l	#	73
12) 1,1-Dichloroethene	2.358	96	1171	0.51 ug/l	#	94
16) Acetone	2.417	43	3014	2.65 ug/l		96
18) Methyl Acetate	2.752	43	593	0.22 ug/l	#	61
20) Methylene Chloride	2.834	84	790	0.29 ug/l		95
24) 1,1-Dichloroethane	3.676	63	2753	0.62 ug/l		97
27) cis-1,2-Dichloroethene	4.564	96	1178	0.40 ug/l		87
31) Cyclohexane	5.629	56	4111	1.03 ug/l	#	1
36) 1,1-Dichloropropene	5.629	75	15597	4.30 ug/l	#	48
38) Carbon Tetrachloride	5.629	117	19963	5.68 ug/l	#	16
49) 1,4-Dioxane	7.717	88	1201	17.47 ug/l	#	84
76) 1,2,3-Trichloropropane	11.118	75	82734	24.70 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	82734	54.68 ug/l	#	12

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

Quant Time: Mar 03 01:21:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

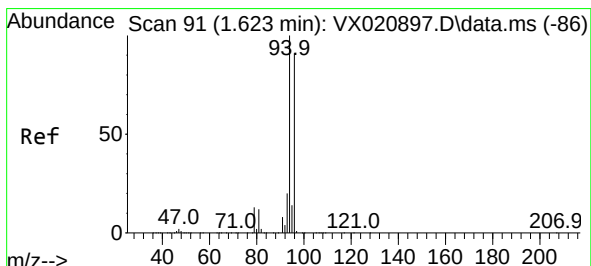
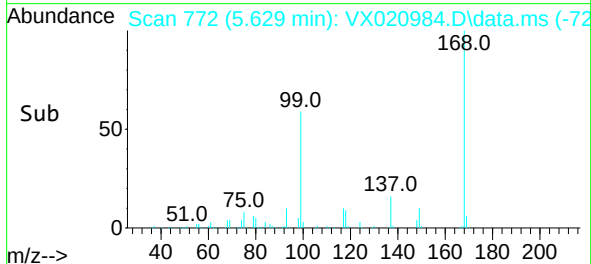
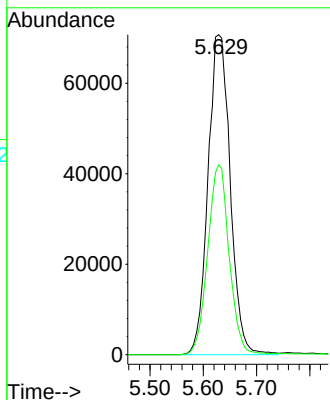
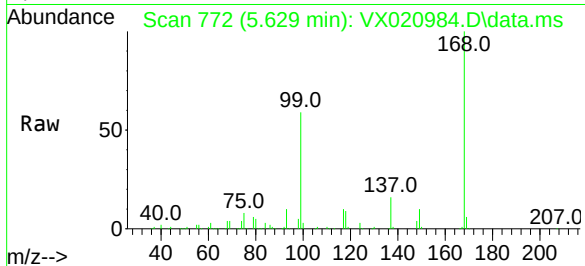




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX020984.D
Acq: 02 Mar 2021 22:56

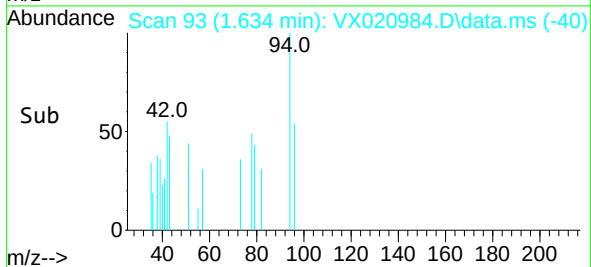
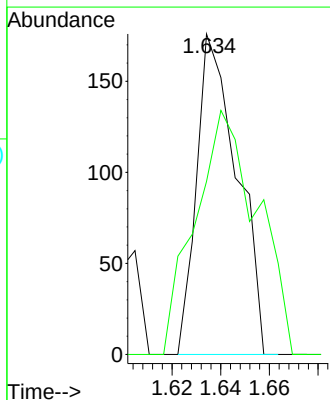
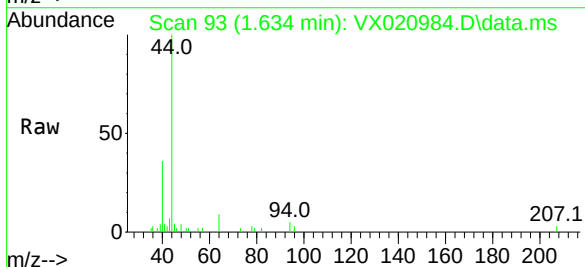
Instrument :
MSVOA_X
ClientSampleId :
MW-4

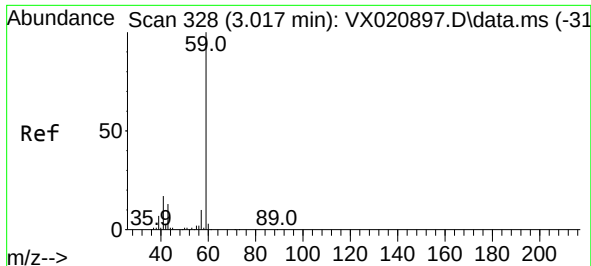
Tgt Ion:168 Resp: 204433
Ion Ratio Lower Upper
168 100
99 59.3 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX020984.D
Acq: 02 Mar 2021 22:56

Tgt Ion: 94 Resp: 203
Ion Ratio Lower Upper
94 100
96 25.6 76.4 114.6#

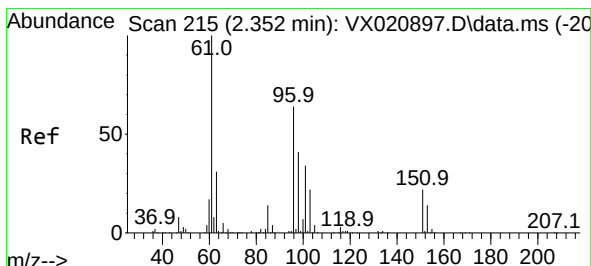
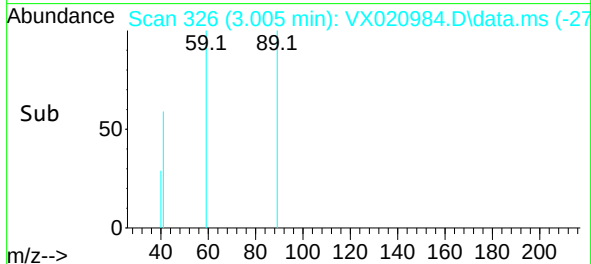
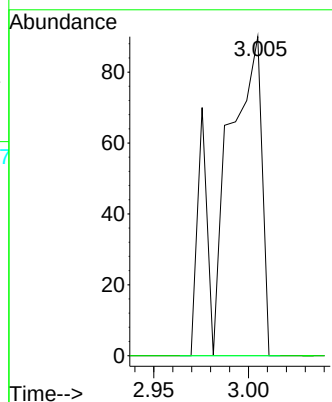
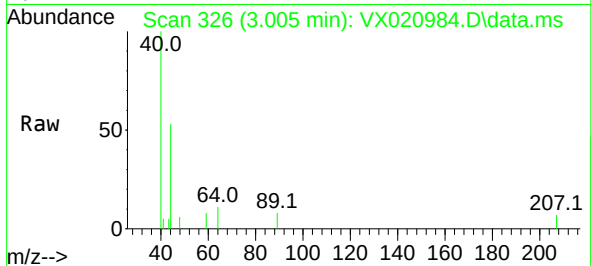




#11
Tert butyl alcohol
Concen: 0.21 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX020984.D
Acq: 02 Mar 2021 22:56

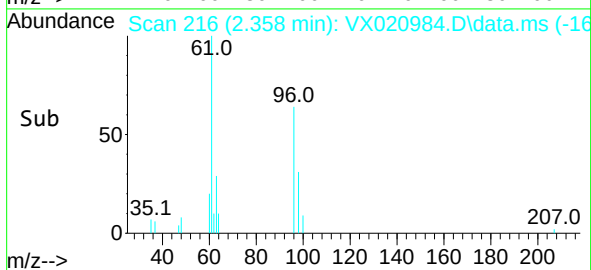
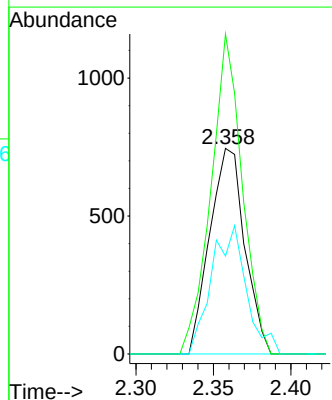
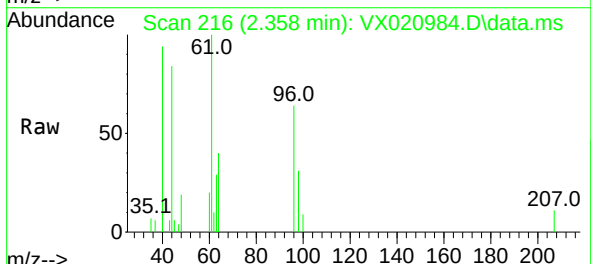
Instrument :
MSVOA_X
ClientSampled :
MW-4

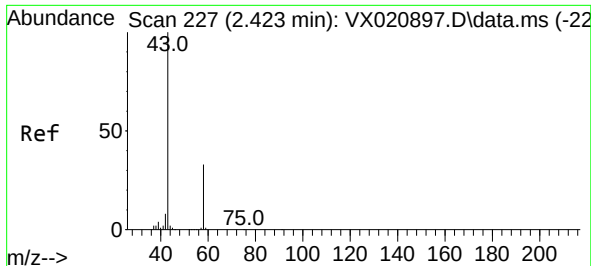
Tgt Ion: 59 Resp: 128
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 0.51 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX020984.D
Acq: 02 Mar 2021 22:56

Tgt Ion: 96 Resp: 1171
Ion Ratio Lower Upper
96 100
61 155.7 124.6 187.0
98 47.7 50.6 76.0#

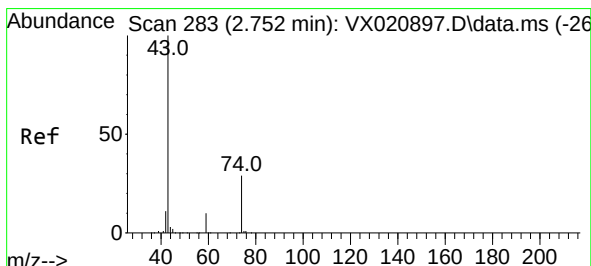
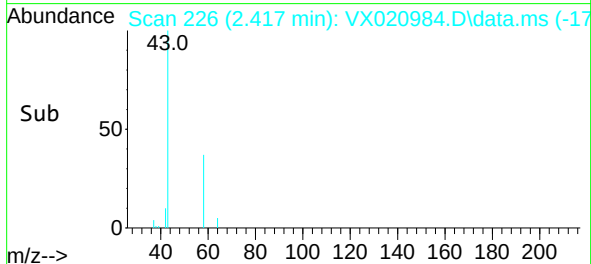
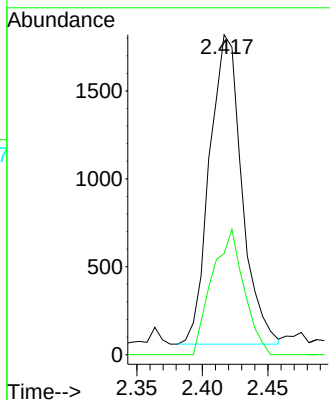
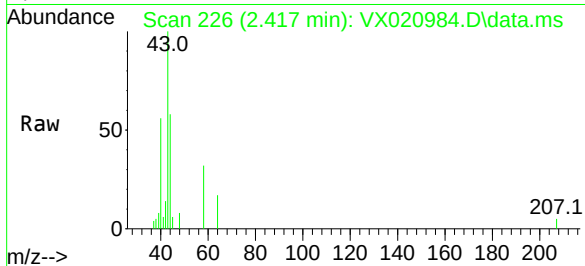




#16
Acetone
Concen: 2.65 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020984.D
Acq: 02 Mar 2021 22:56

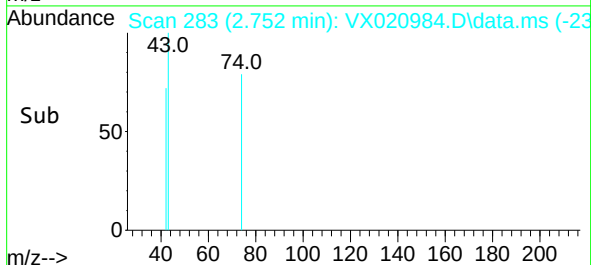
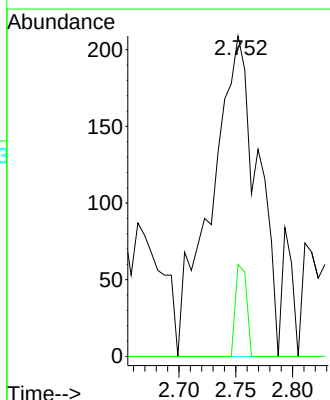
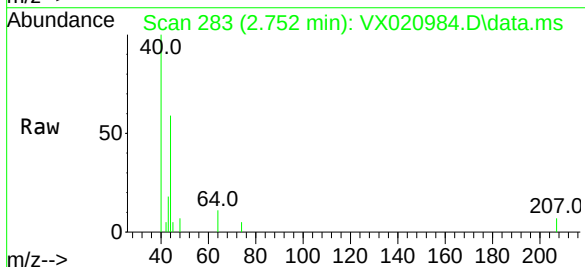
Instrument :
MSVOA_X
ClientSampled :
MW-4

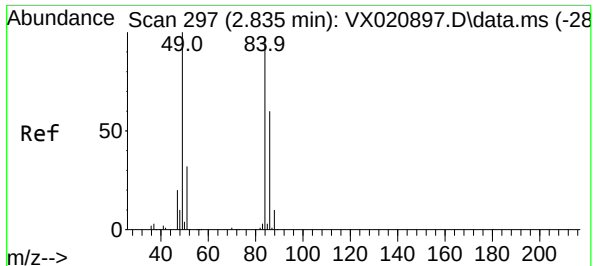
Tgt Ion: 43 Resp: 3014
Ion Ratio Lower Upper
43 100
58 32.7 27.8 41.8



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX020984.D
Acq: 02 Mar 2021 22:56

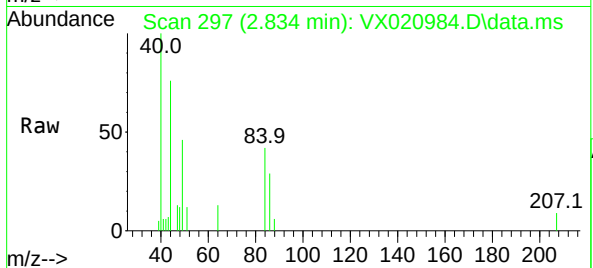
Tgt Ion: 43 Resp: 593
Ion Ratio Lower Upper
43 100
74 6.9 21.9 32.9#



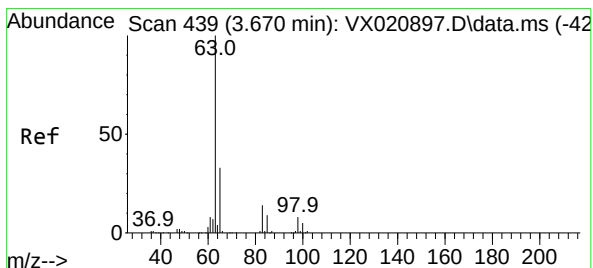
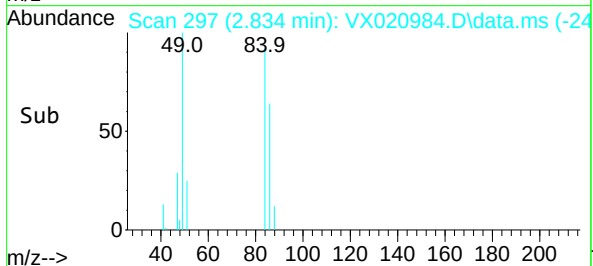
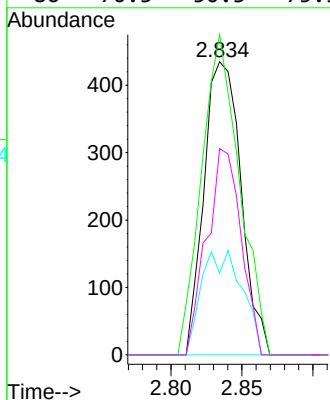


#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX020984.D
Acq: 02 Mar 2021 22:56

Instrument :
MSVOA_X
ClientSampled :
MW-4

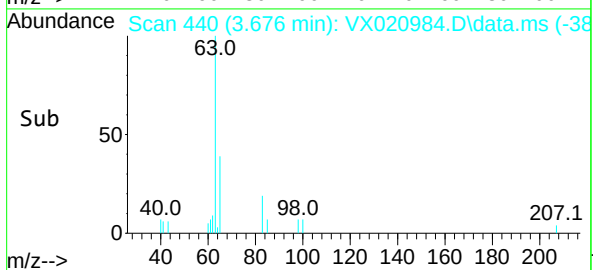
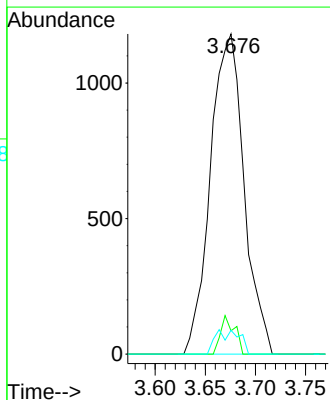
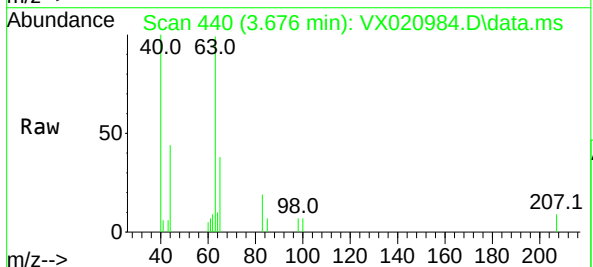


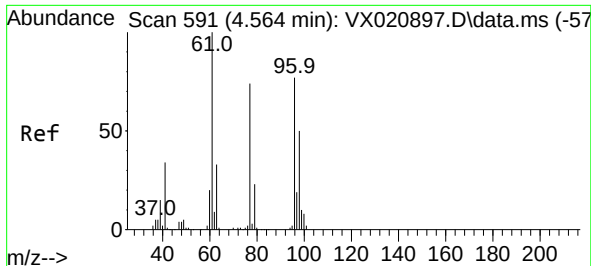
Tgt Ion:	84	Resp:	790
Ion	Ratio	Lower	Upper
84	100		
49	109.2	88.6	132.8
51	27.8	27.0	40.6
86	70.3	50.3	75.5



#24
1,1-Dichloroethane
Concen: 0.62 ug/l
RT: 3.676 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX020984.D
Acq: 02 Mar 2021 22:56

Tgt Ion:	63	Resp:	2753
Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.8	11.2
100	7.5	2.5	7.5

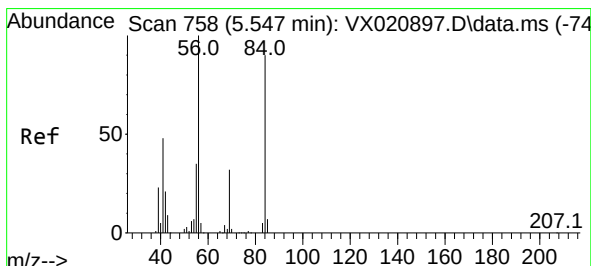
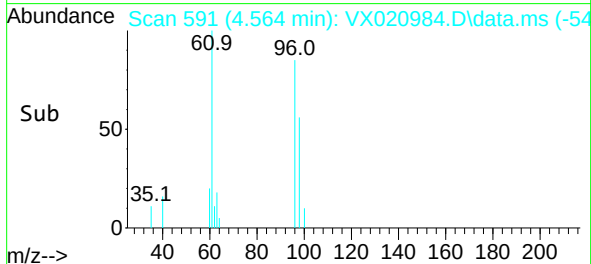
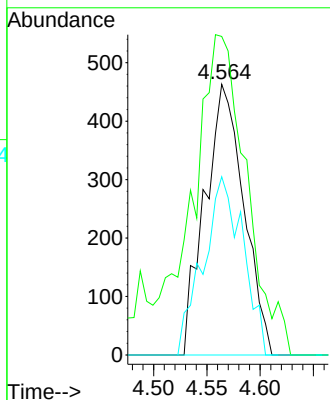
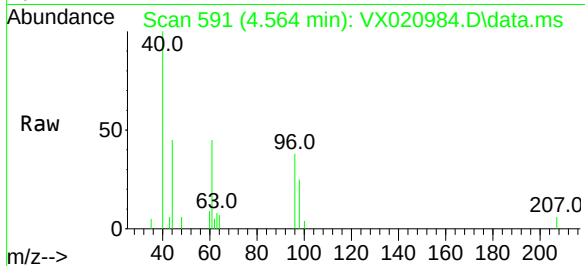




#27
cis-1,2-Dichloroethene
Concen: 0.40 ug/l
RT: 4.564 min Scan# 591
Delta R.T. -0.000 min
Lab File: VX020984.D
Acq: 02 Mar 2021 22:56

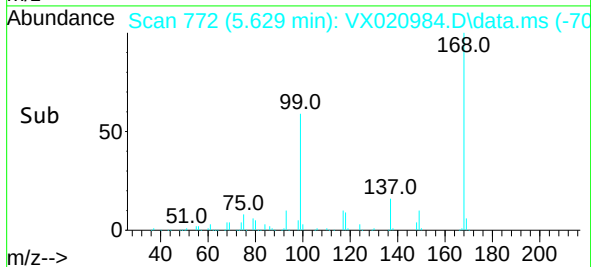
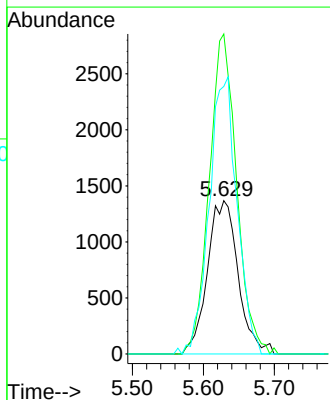
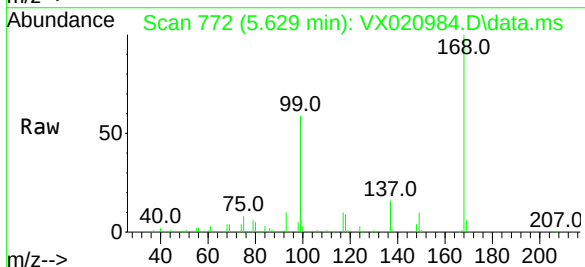
Instrument :
MSVOA_X
ClientSampled :
MW-4

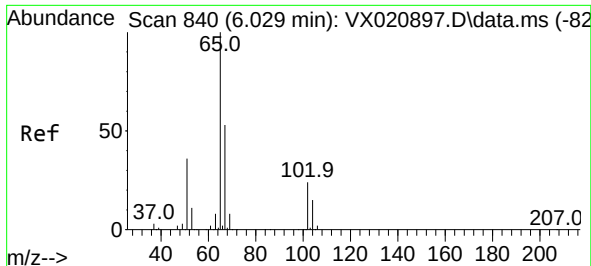
Tgt Ion:	96	Resp:	1178
Ion	Ratio	Lower	Upper
96	100		
61	163.8	0.0	285.6
98	67.1	0.0	129.6



#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX020984.D
Acq: 02 Mar 2021 22:56

Tgt Ion:	56	Resp:	4111
Ion	Ratio	Lower	Upper
56	100		
69	208.8	25.3	37.9#
84	174.5	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.41 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX020984.D

Acq: 02 Mar 2021 22:56

Tgt Ion: 65 Resp: 136451

Ion Ratio Lower Upper

65 100

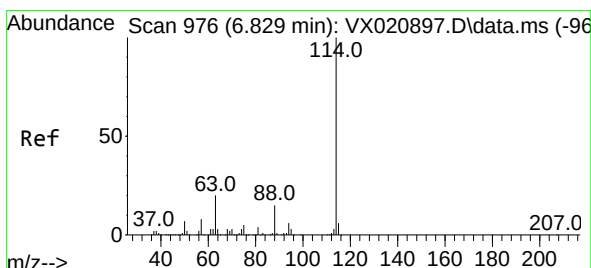
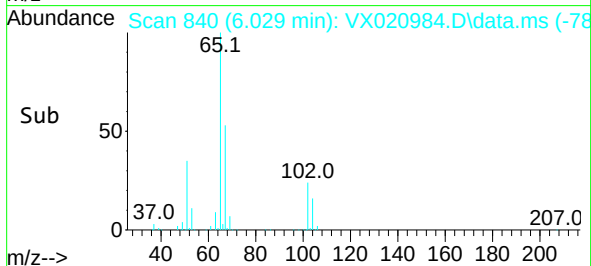
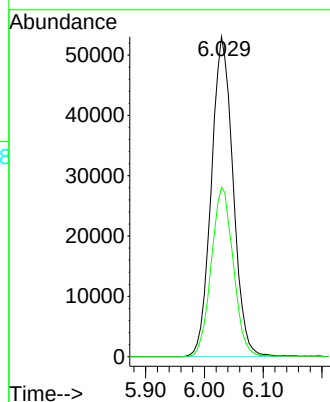
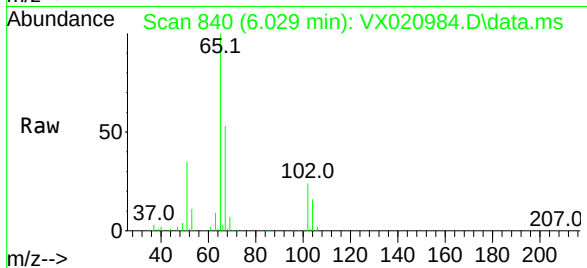
67 53.5 0.0 105.4

Instrument :

MSVOA_X

ClientSampled :

MW-4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX020984.D

Acq: 02 Mar 2021 22:56

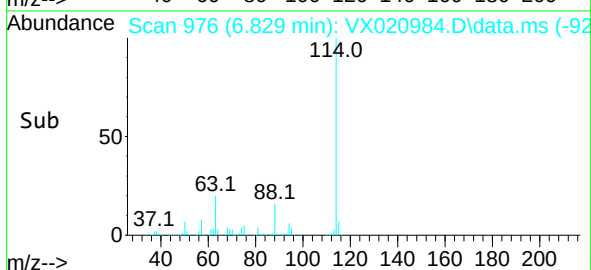
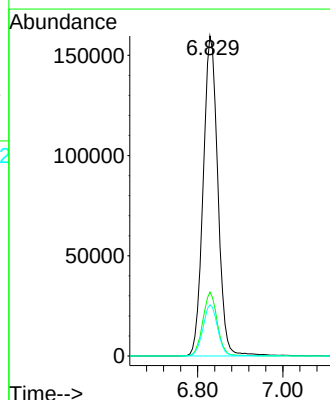
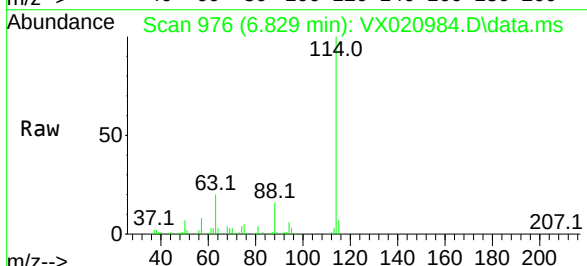
Tgt Ion: 114 Resp: 381611

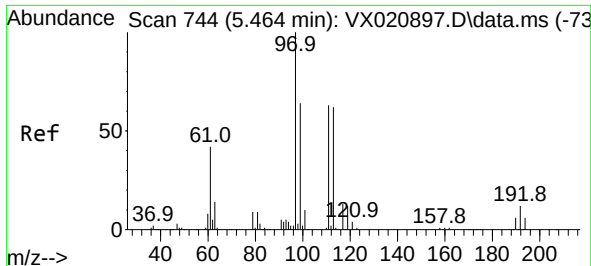
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 16.0 0.0 32.8

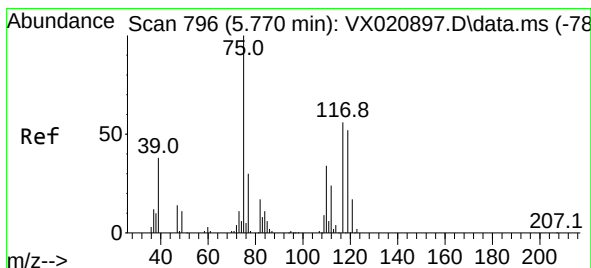
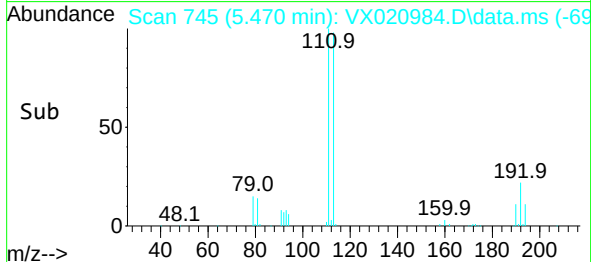
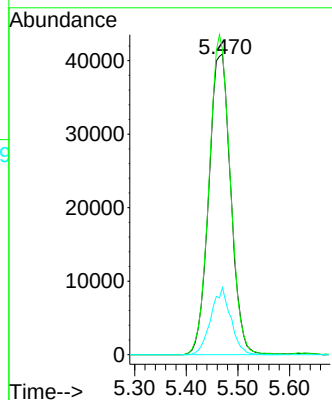
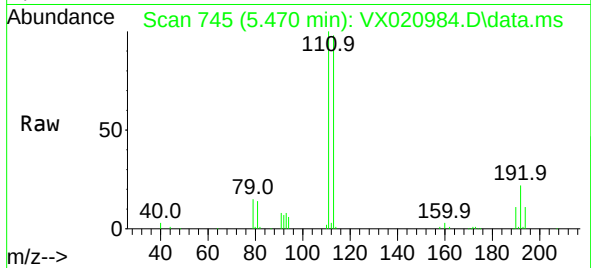




#35
Dibromofluoromethane
Concen: 52.09 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX020984.D
Acq: 02 Mar 2021 22:56

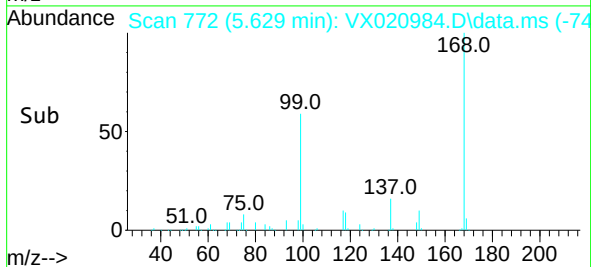
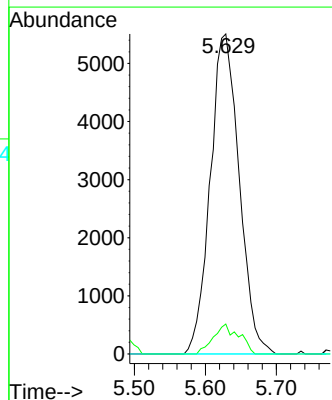
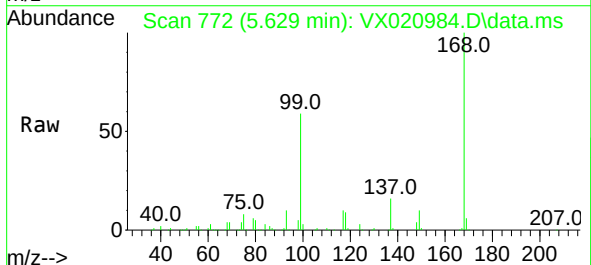
Instrument :
MSVOA_X
ClientSampled :
MW-4

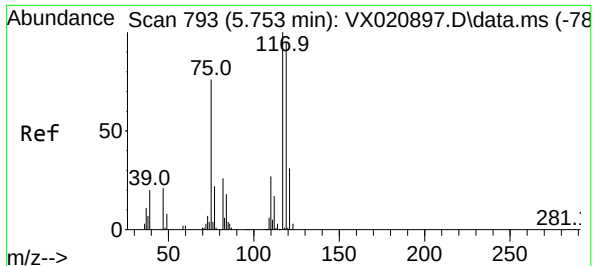
Tgt Ion:113 Resp: 120786
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 20.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.30 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX020984.D
Acq: 02 Mar 2021 22:56

Tgt Ion: 75 Resp: 15597
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.0 25.3 37.9#

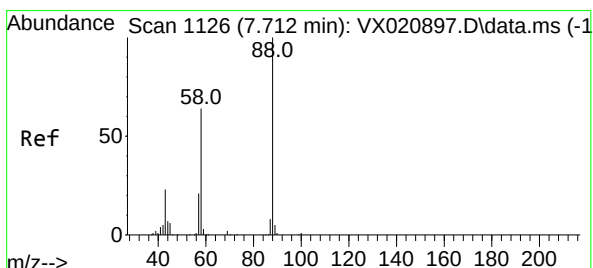
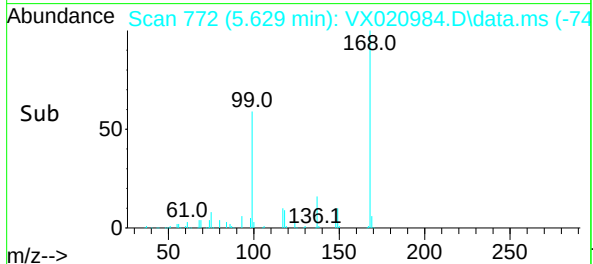
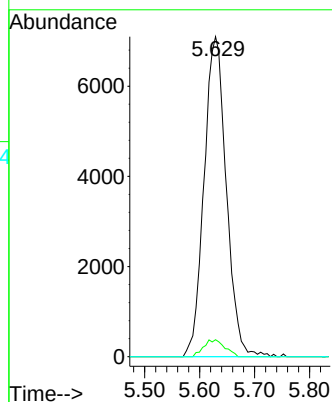
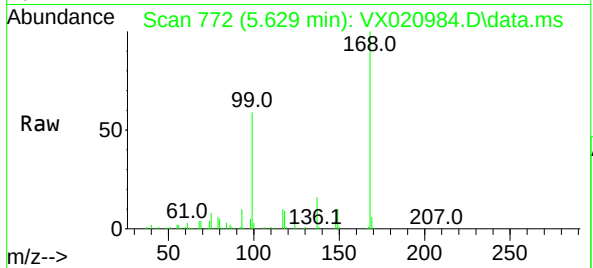




#38
Carbon Tetrachloride
Concen: 5.68 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX020984.D
Acq: 02 Mar 2021 22:56

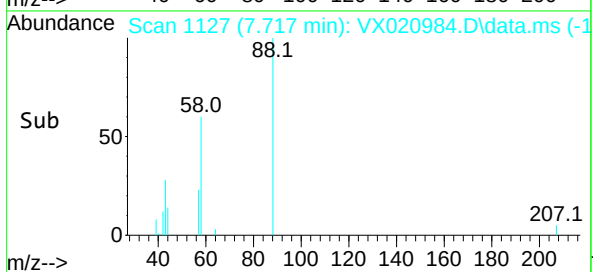
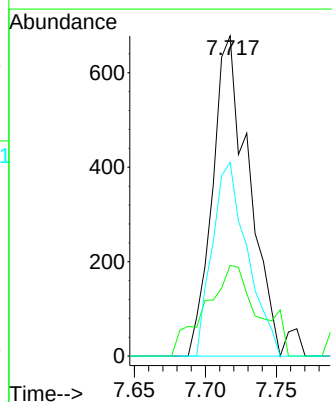
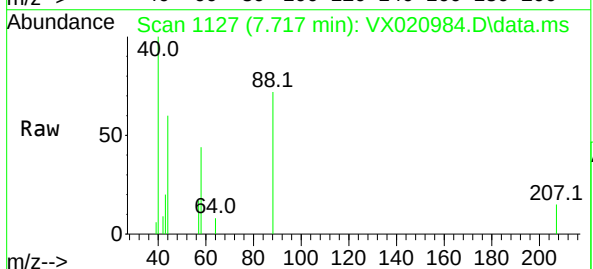
Instrument :
MSVOA_X
ClientSampleId :
MW-4

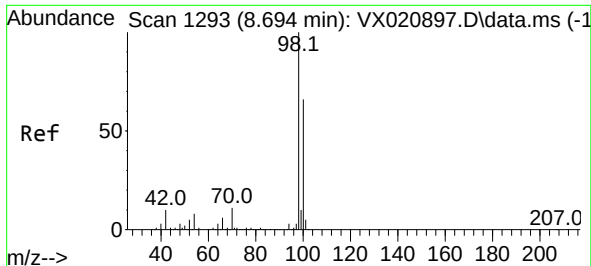
Tgt Ion:117 Resp: 19963
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#



#49
1,4-Dioxane
Concen: 17.47 ug/l
RT: 7.717 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VX020984.D
Acq: 02 Mar 2021 22:56

Tgt Ion: 88 Resp: 1201
Ion Ratio Lower Upper
88 100
43 41.4 23.2 34.8#
58 58.5 55.0 82.4

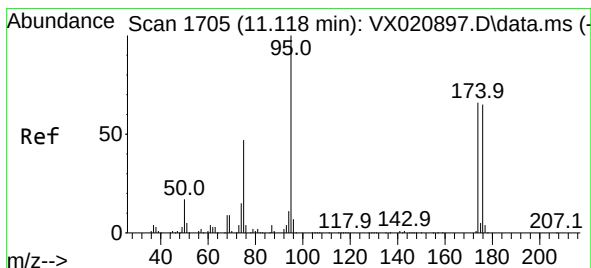
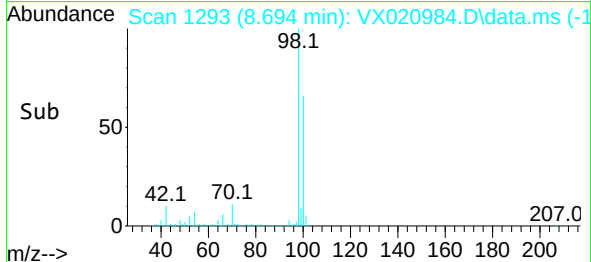
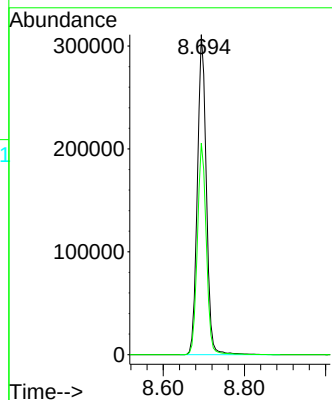
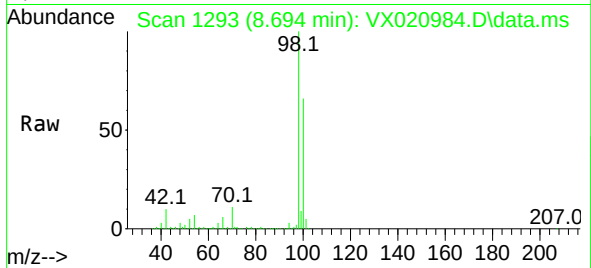




#50
Toluene-d8
Concen: 53.04 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020984.D
Acq: 02 Mar 2021 22:56

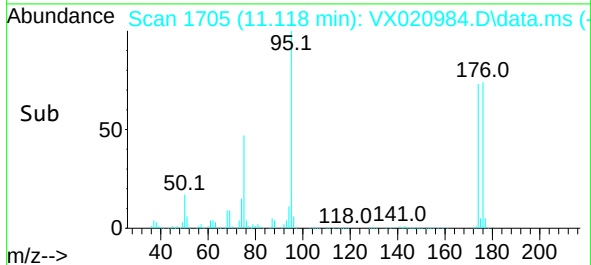
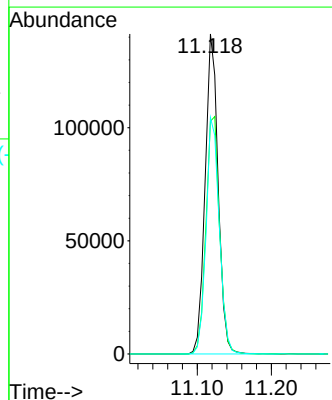
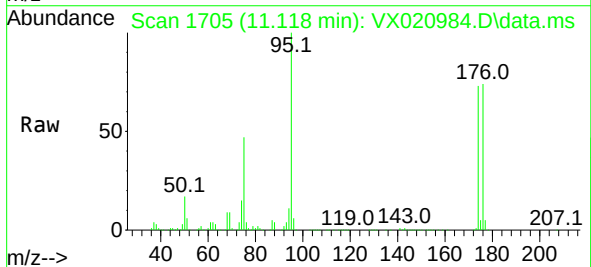
Instrument :
MSVOA_X
ClientSampleId :
MW-4

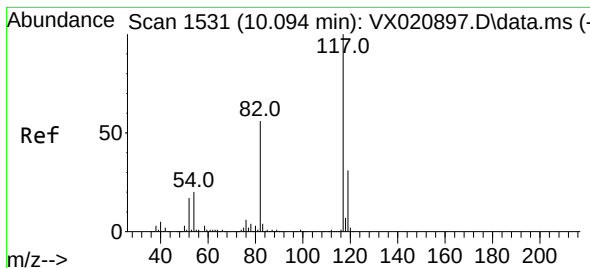
Tgt Ion: 98 Resp: 479523
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.67 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020984.D
Acq: 02 Mar 2021 22:56

Tgt Ion: 95 Resp: 172726
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 75.0 0.0 155.8

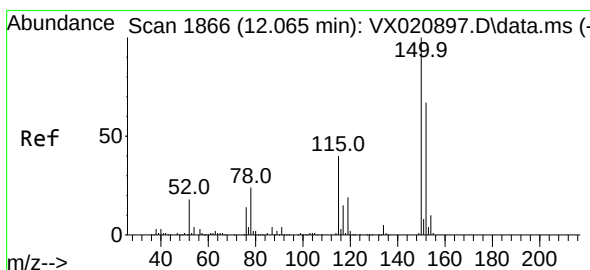
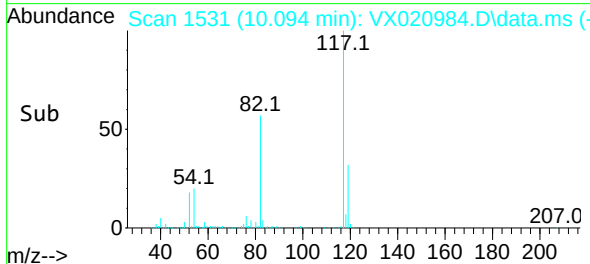
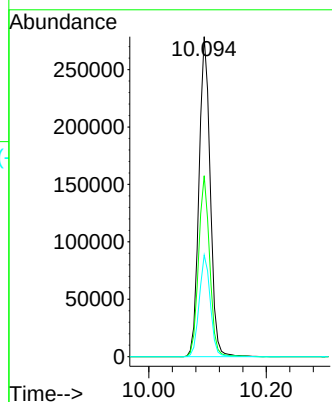
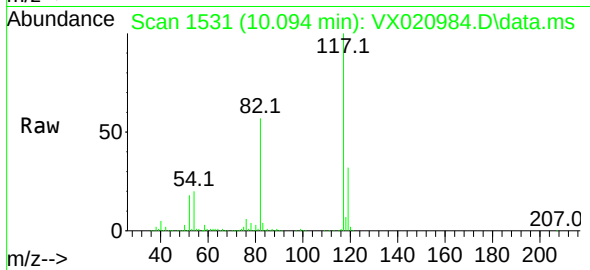




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020984.D
Acq: 02 Mar 2021 22:56

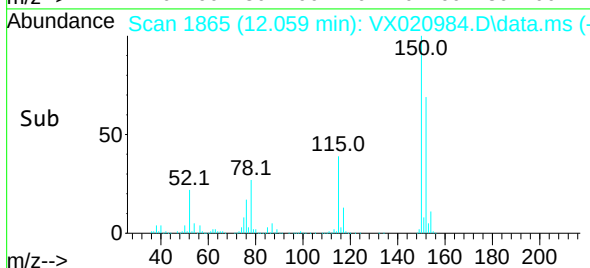
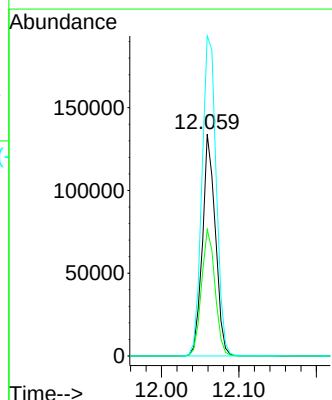
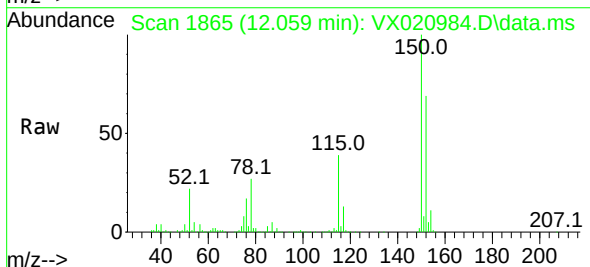
Instrument :
MSVOA_X
ClientSampleId :
MW-4

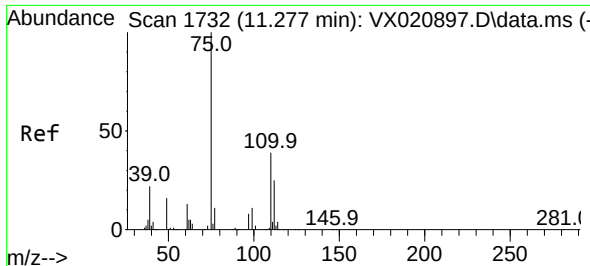
Tgt Ion:117 Resp: 368585
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020984.D
Acq: 02 Mar 2021 22:56

Tgt Ion:152 Resp: 155716
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 158.9 0.0 349.0

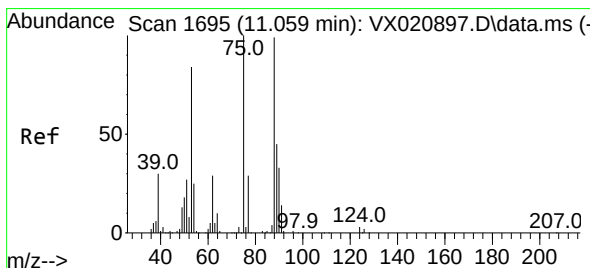
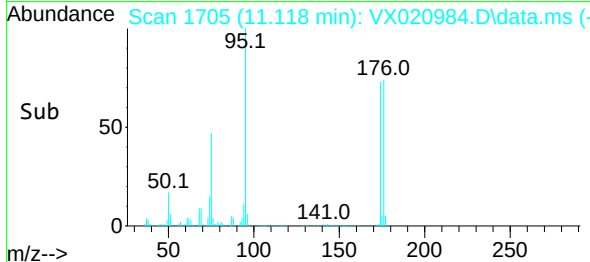
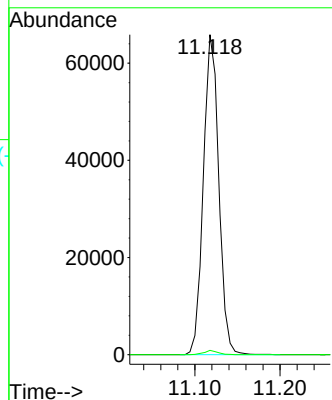
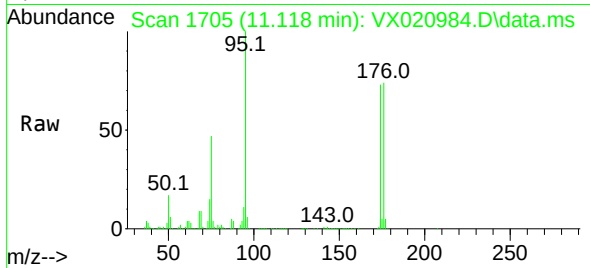




#76
1,2,3-Trichloropropane
Concen: 24.70 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020984.D
Acq: 02 Mar 2021 22:56

Instrument :
MSVOA_X
ClientSampled :
MW-4

Tgt Ion: 75 Resp: 82734
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.68 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX020984.D
Acq: 02 Mar 2021 22:56

Tgt Ion: 75 Resp: 82734
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

