

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX122320\
 Data File : VX020343.D
 Acq On : 23 Dec 2020 17:04
 Operator : JC/MD
 Sample : L5123-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20201213

Quant Time: Dec 24 00:19:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

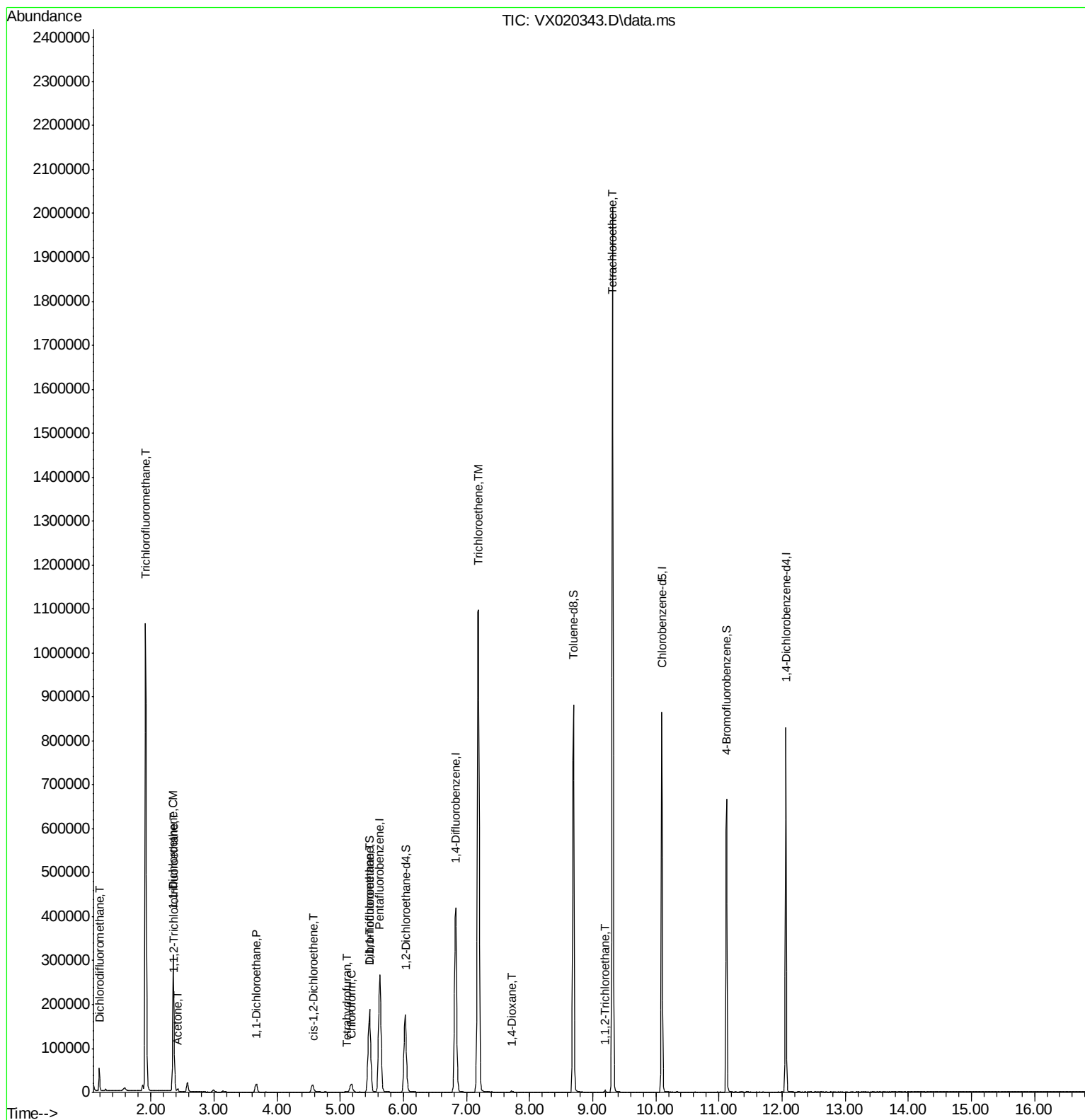
Internal Standards						
1) Pentafluorobenzene	5.629	168	253042	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	420894	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	406437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	170156	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	170062	50.14	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	100.28%	
35) Dibromofluoromethane	5.464	113	137041	50.90	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	101.80%	
50) Toluene-d8	8.695	98	518432	50.02	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.122	95	185706	46.82	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	93.64%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	25569	9.30	ug/l	99
7) Trichlorofluoromethane	1.916	101	672219	150.59	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.367	101	9799	3.88	ug/l	97
12) 1,1-Dichloroethene	2.355	96	94853	36.69	ug/l	94
16) Acetone	2.416	43	1806	1.17	ug/l	90
24) 1,1-Dichloroethane	3.672	63	21884	3.97	ug/l	98
27) cis-1,2-Dichloroethene	4.568	96	10681	3.02	ug/l	89
29) Tetrahydrofuran	5.098	42	1373	0.97	ug/l #	71
30) Chloroform	5.178	83	23072	4.11	ug/l	97
32) 1,1,1-Trichloroethane	5.464	97	30346	6.48	ug/l	97
44) Trichloroethene	7.189	130	429727	128.39	ug/l	99
49) 1,4-Dioxane	7.714	88	1826	23.33	ug/l	97
55) 1,1,2-Trichloroethane	9.195	97	1163	0.36	ug/l #	89
64) Tetrachloroethene	9.317	164	382210	124.81	ug/l	97

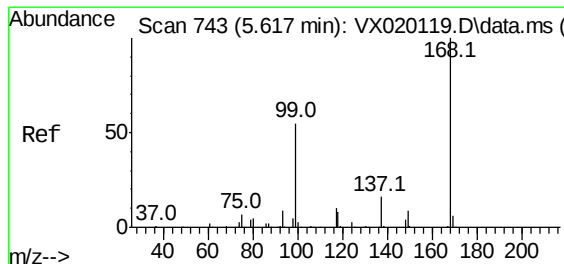
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX122320\
Data File : VX020343.D
Acq On : 23 Dec 2020 17:04
Operator : JC/MD
Sample : L5123-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW201D-20201213

Quant Time: Dec 24 00:19:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

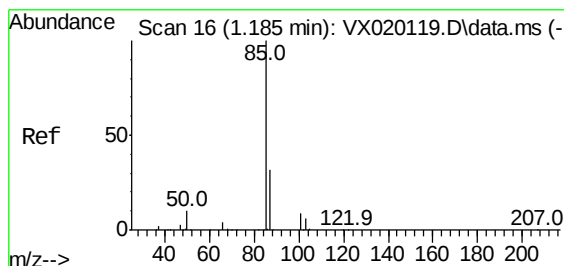
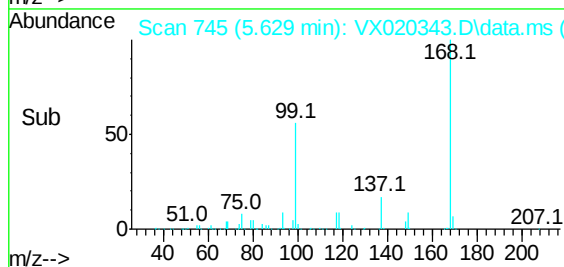
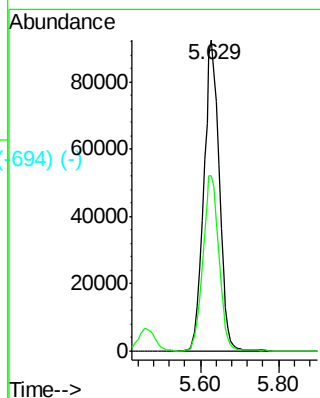
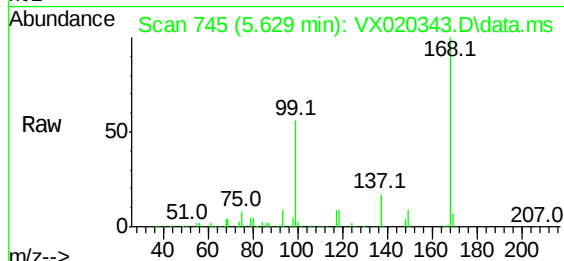




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020343.D
 Acq: 23 Dec 2020 17:04

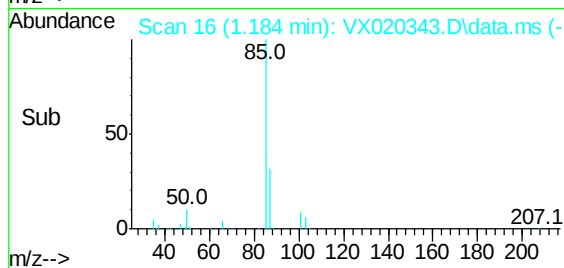
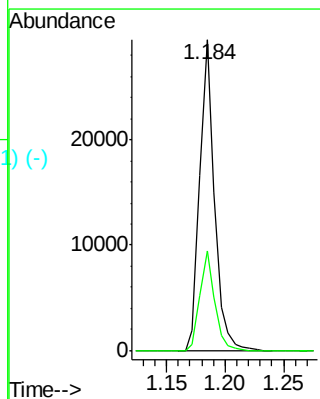
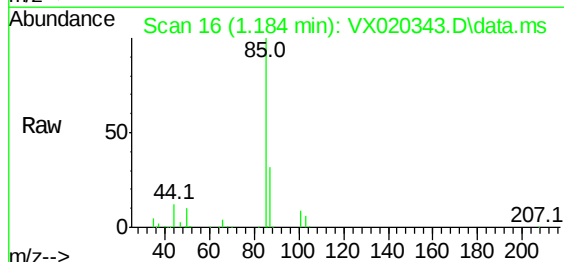
Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20201213

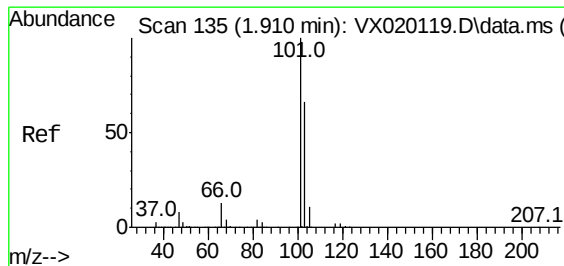
Tgt Ion:168 Resp: 253042
 Ion Ratio Lower Upper
 168 100
 99 56.5 45.8 68.6



Dichlorodifluoromethane
 Concen: 9.30 ug/l
 RT: 1.184 min Scan# 16
 Delta R.T. -0.001 min
 Lab File: VX020343.D
 Acq: 23 Dec 2020 17:04

Tgt Ion: 85 Resp: 25569
 Ion Ratio Lower Upper
 85 100
 87 32.2 16.4 49.2

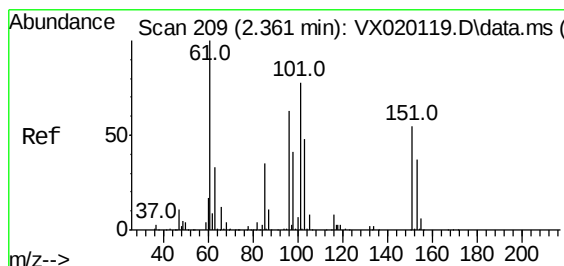
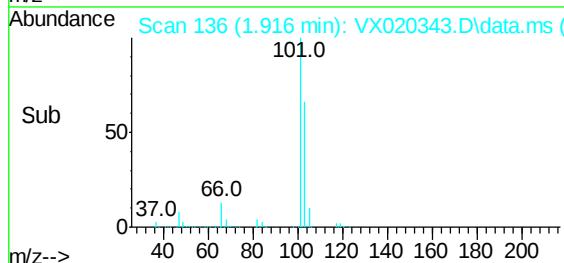
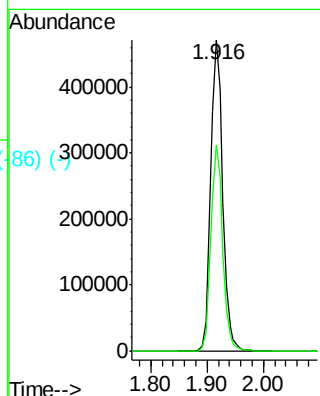
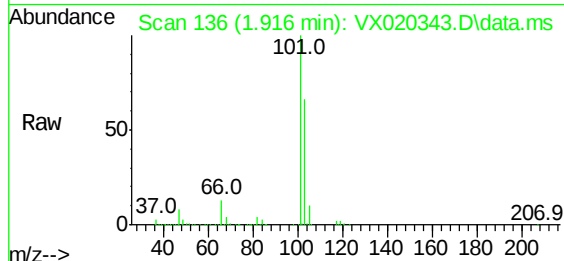




Trichlorofluoromethane
Concen: 150.59 ug/l
RT: 1.916 min Scan# 136
Delta R.T. 0.006 min
Lab File: VX020343.D
Acq: 23 Dec 2020 17:04

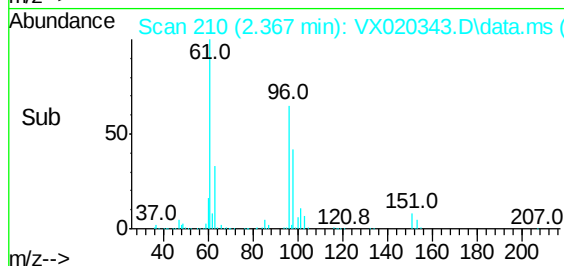
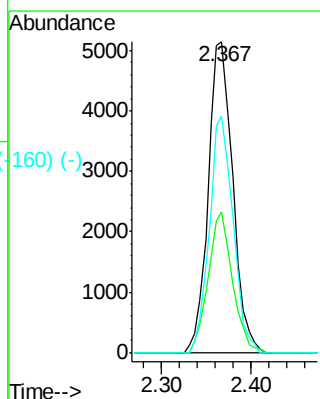
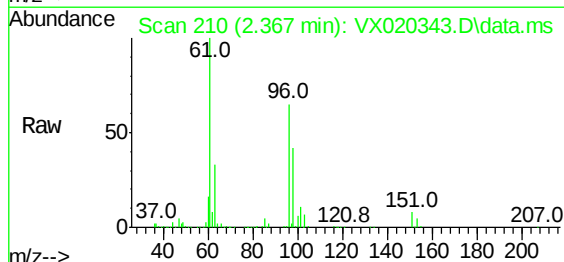
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20201213

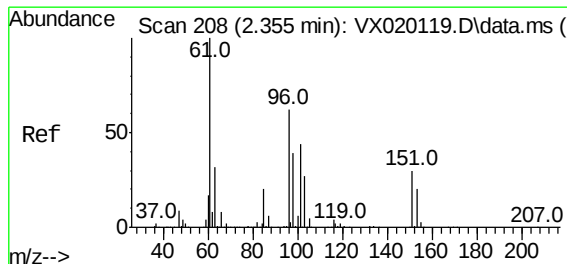
Tgt Ion:101 Resp: 672219
Ion Ratio Lower Upper
101 100
103 66.3 53.2 79.8



1,1,2-Trichlorotrifluoroethane
Concen: 3.88 ug/l
RT: 2.367 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX020343.D
Acq: 23 Dec 2020 17:04

Tgt Ion:101 Resp: 9799
Ion Ratio Lower Upper
101 100
85 44.6 34.9 52.3
151 73.5 61.4 92.2

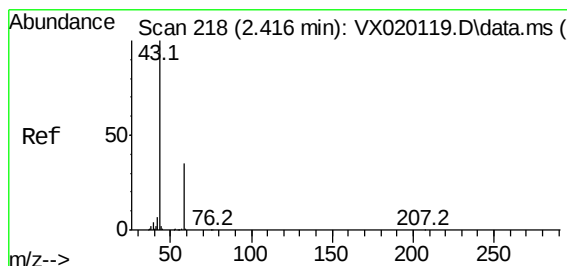
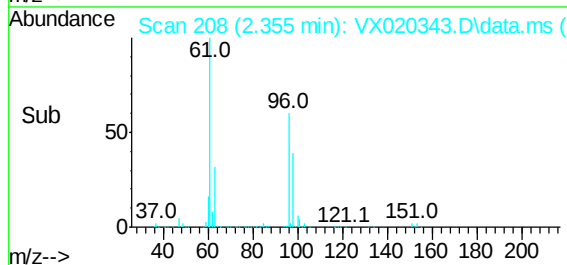
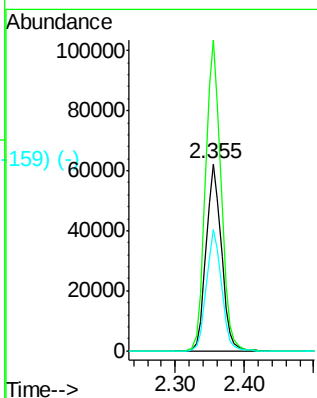
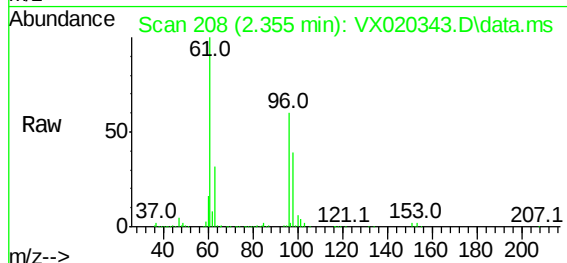




1,1-Dichloroethene
Concen: 36.69 ug/l
RT: 2.355 min Scan# 208
Delta R.T. -0.000 min
Lab File: VX020343.D
Acq: 23 Dec 2020 17:04

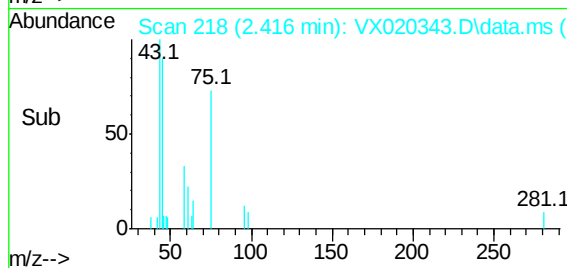
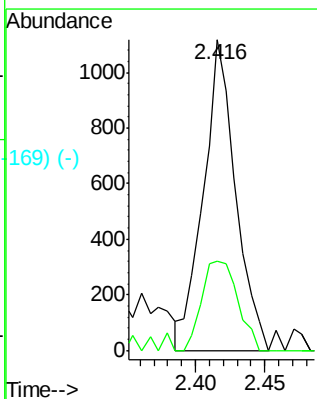
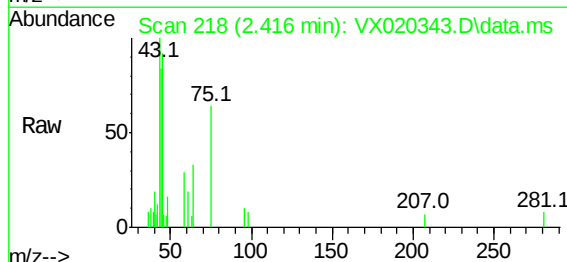
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20201213

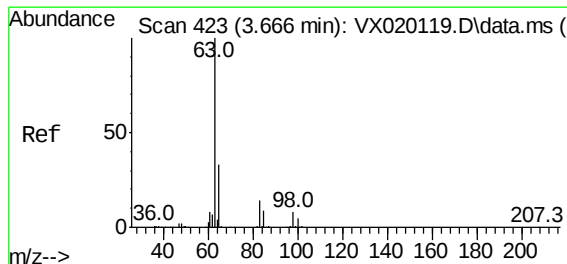
Tgt Ion: 96 Resp: 94853
Ion Ratio Lower Upper
96 100
61 166.5 124.6 187.0
98 64.9 50.6 76.0



Acetone
Concen: 1.17 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX020343.D
Acq: 23 Dec 2020 17:04

Tgt Ion: 43 Resp: 1806
Ion Ratio Lower Upper
43 100
58 28.9 27.8 41.8

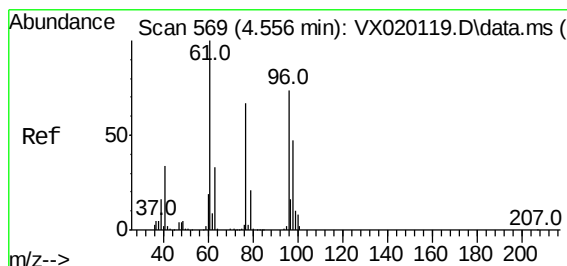
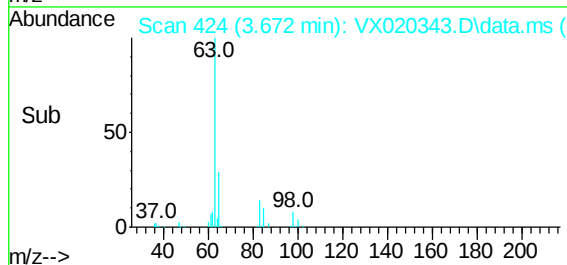
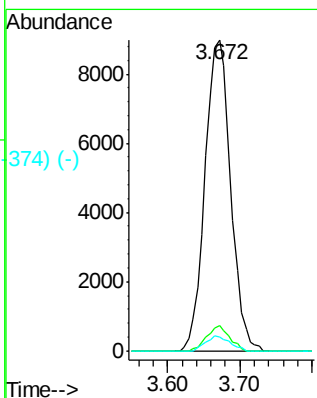
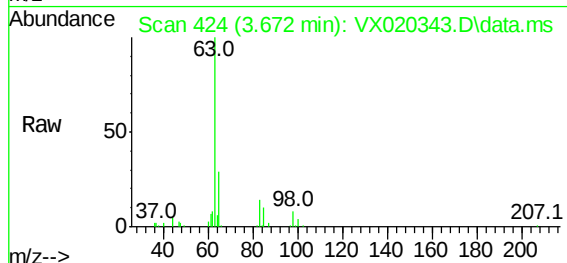




1,1-Dichloroethane
 Concen: 3.97 ug/l
 RT: 3.672 min Scan# 424
 Delta R.T. 0.006 min
 Lab File: VX020343.D
 Acq: 23 Dec 2020 17:04

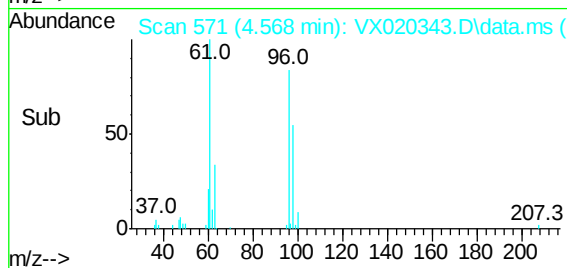
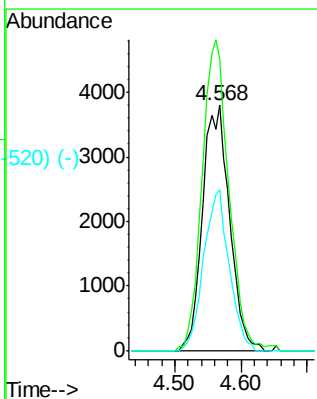
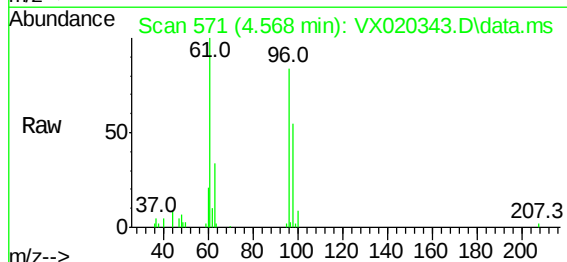
Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20201213

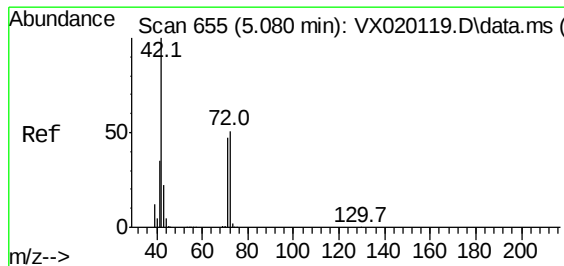
Tgt Ion:	63	Resp:	21884
Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.8	11.2
100	4.3	2.5	7.5



cis-1,2-Dichloroethene
 Concen: 3.02 ug/l
 RT: 4.568 min Scan# 571
 Delta R.T. 0.012 min
 Lab File: VX020343.D
 Acq: 23 Dec 2020 17:04

Tgt Ion:	96	Resp:	10681
Ion	Ratio	Lower	Upper
96	100		
61	126.0	0.0	285.6
98	61.7	0.0	129.6

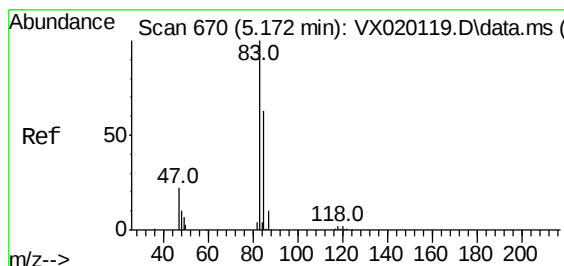
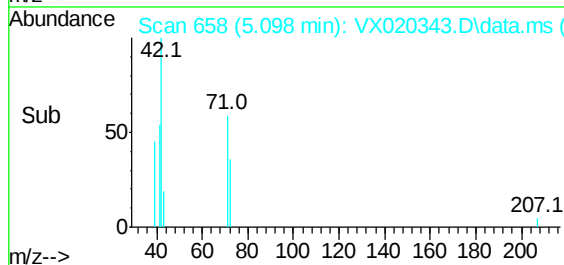
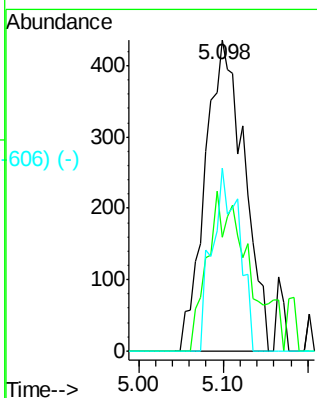
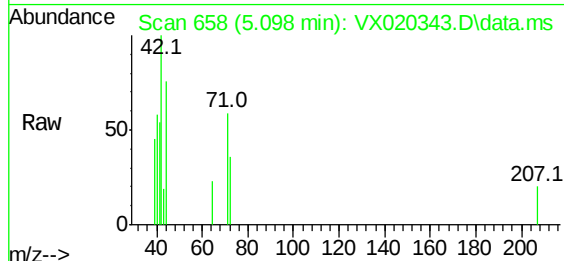




#49 (-)
Tetrahydrofuran
Concen: 0.97 ug/l
RT: 5.098 min Scan# 658
Delta R.T. 0.018 min
Lab File: VX020343.D
Acq: 23 Dec 2020 17:04

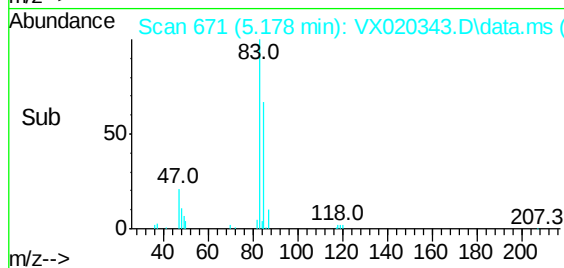
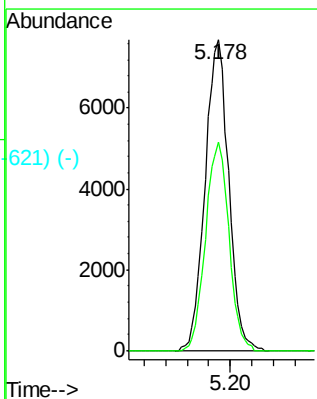
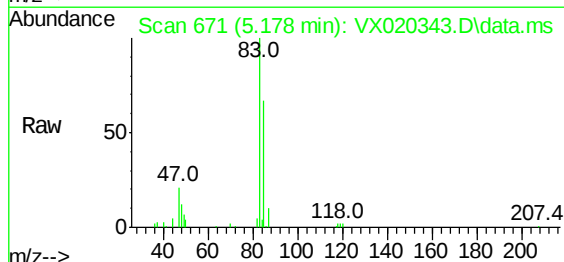
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20201213

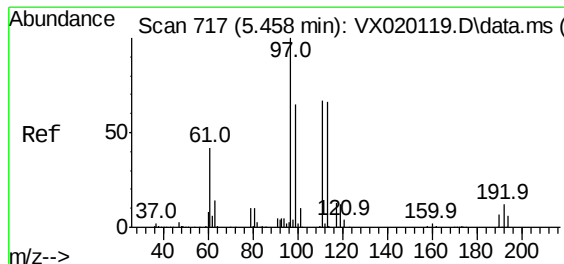
Tgt Ion: 42 Resp: 1373
Ion Ratio Lower Upper
42 100
72 20.8 41.7 62.5#
71 40.3 38.4 57.6



#50 (-)
Chloroform
Concen: 4.11 ug/l
RT: 5.178 min Scan# 671
Delta R.T. 0.006 min
Lab File: VX020343.D
Acq: 23 Dec 2020 17:04

Tgt Ion: 83 Resp: 23072
Ion Ratio Lower Upper
83 100
85 67.2 52.0 78.0

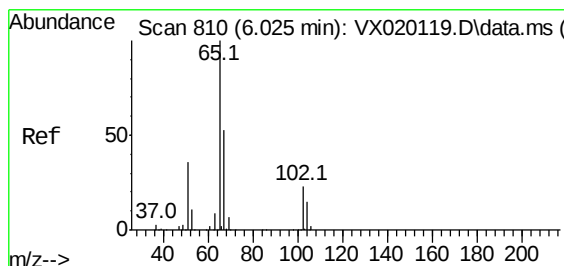
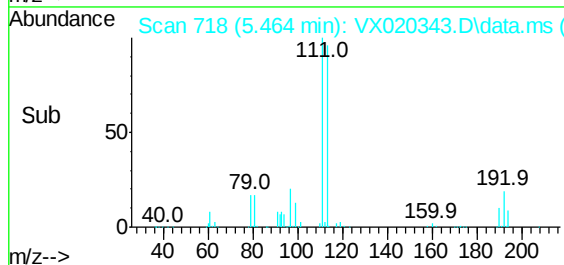
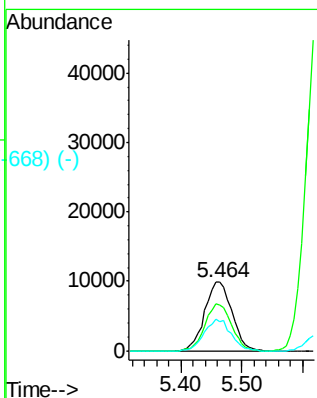
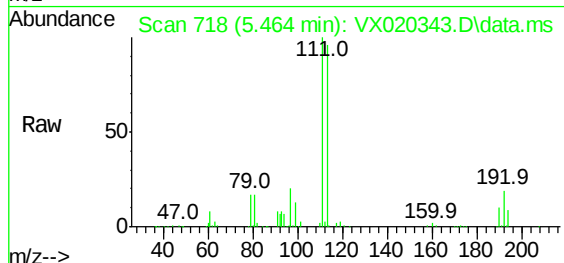




1,1,1-Trichloroethane
 Concen: 6.48 ug/l
 RT: 5.464 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VX020343.D
 Acq: 23 Dec 2020 17:04

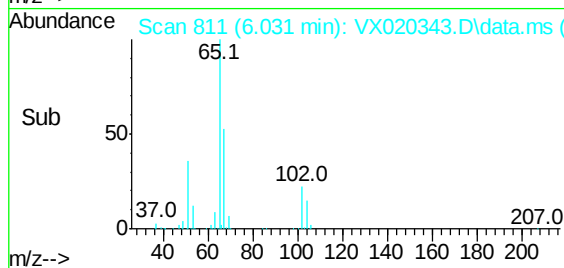
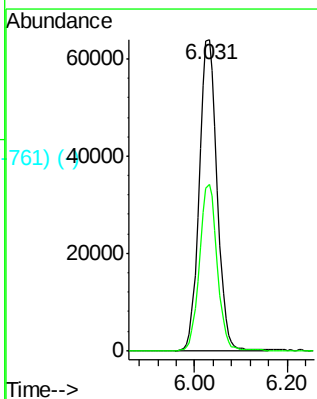
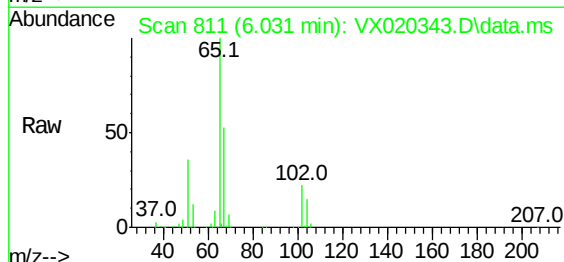
Instrument :
 MSVOA_X
 ClientSampleID :
 MW201D-20201213

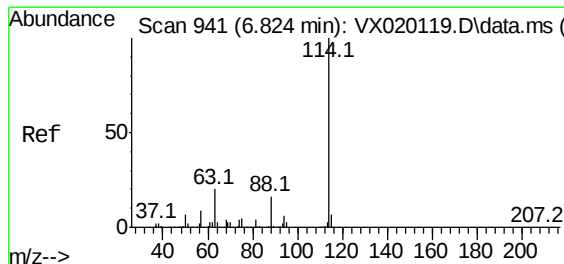
Tgt Ion:	97	Resp:	30346
Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.5	77.3
61	45.1	34.2	51.4



1,2-Dichloroethane-d4
 Concen: 50.14 ug/l
 RT: 6.031 min Scan# 811
 Delta R.T. 0.006 min
 Lab File: VX020343.D
 Acq: 23 Dec 2020 17:04

Tgt Ion:	65	Resp:	170062
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.4

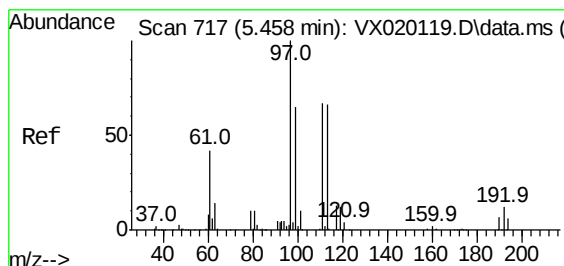
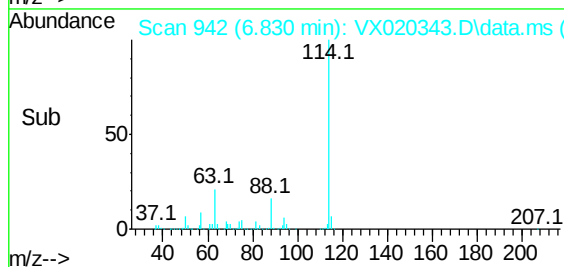
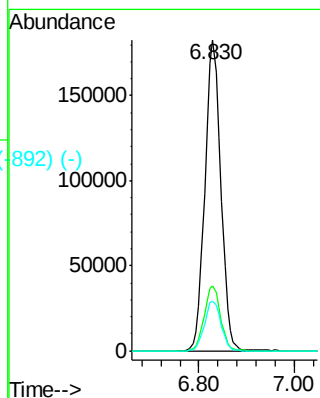
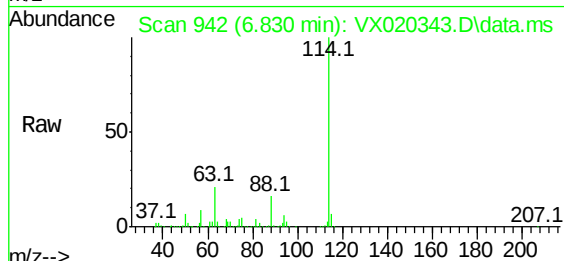




1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020343.D
 Acq: 23 Dec 2020 17:04

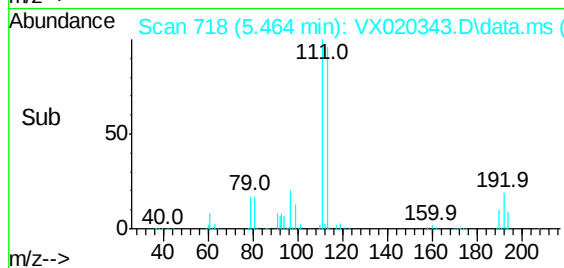
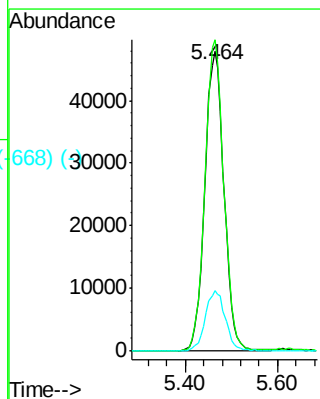
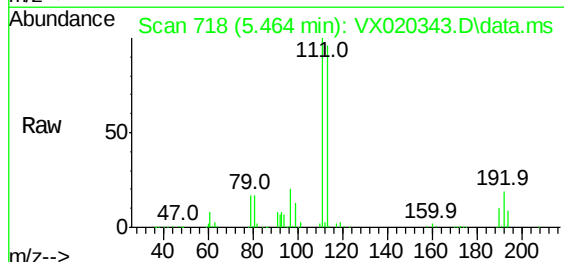
Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20201213

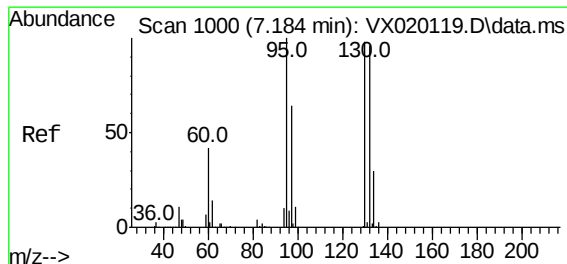
Tgt Ion:	114	Resp:	420894
Ion Ratio	Lower	Upper	
114	100		
63	21.0	0.0	40.8
88	16.0	0.0	32.8



Dibromofluoromethane
 Concen: 50.90 ug/l
 RT: 5.464 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VX020343.D
 Acq: 23 Dec 2020 17:04

Tgt Ion:	113	Resp:	137041
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.9	122.9
192	20.5	16.7	25.1

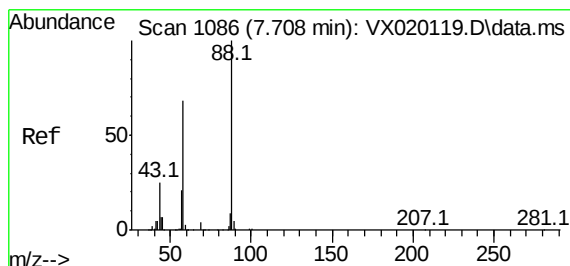
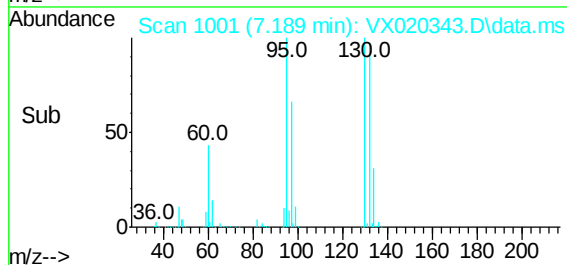
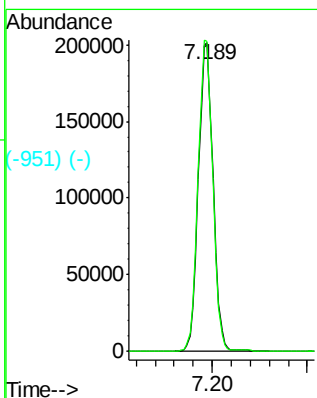
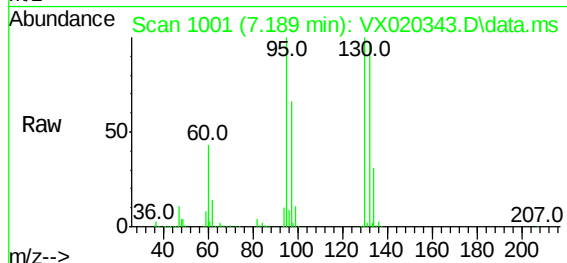




(-949) (-)
 Trichloroethene
 Concen: 128.39 ug/l
 RT: 7.189 min Scan# 1001
 Delta R.T. 0.005 min
 Lab File: VX020343.D
 Acq: 23 Dec 2020 17:04

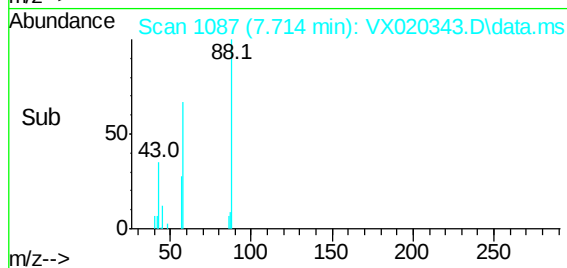
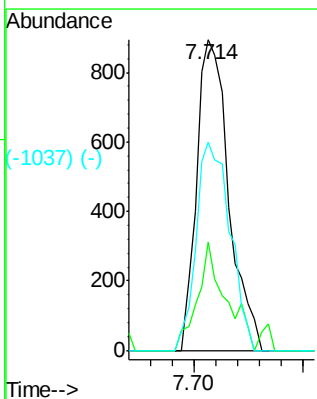
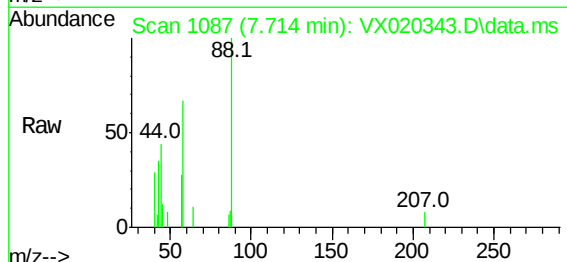
Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20201213

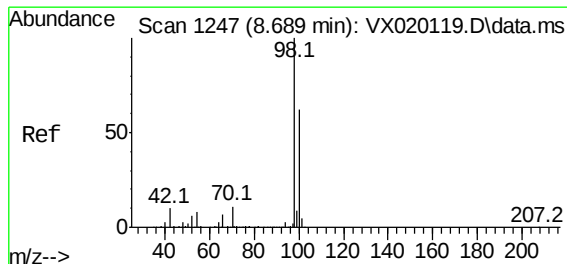
Tgt Ion:130 Resp: 429727
 Ion Ratio Lower Upper
 130 100
 95 100.4 0.0 198.0



(-1099) (-)
 1,4-Dioxane
 Concen: 23.33 ug/l
 RT: 7.714 min Scan# 1087
 Delta R.T. 0.006 min
 Lab File: VX020343.D
 Acq: 23 Dec 2020 17:04

Tgt Ion: 88 Resp: 1826
 Ion Ratio Lower Upper
 88 100
 43 31.1 23.2 34.8
 58 70.9 55.0 82.4

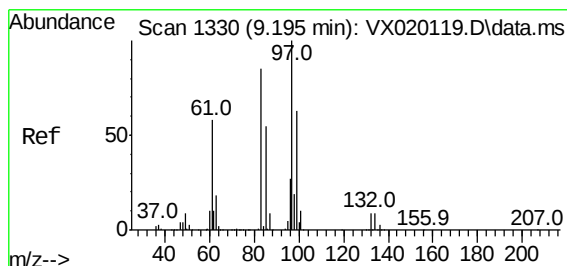
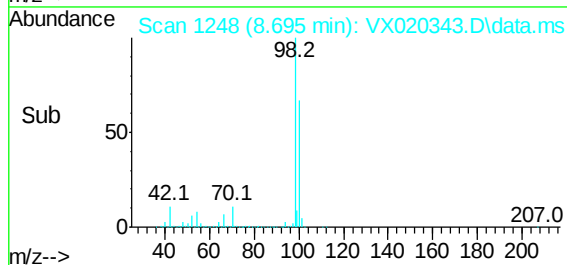
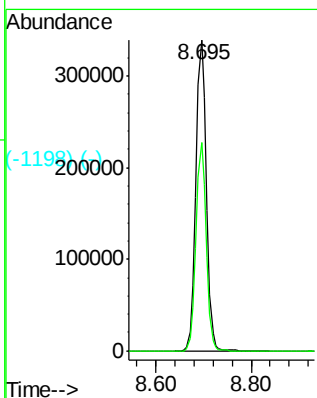
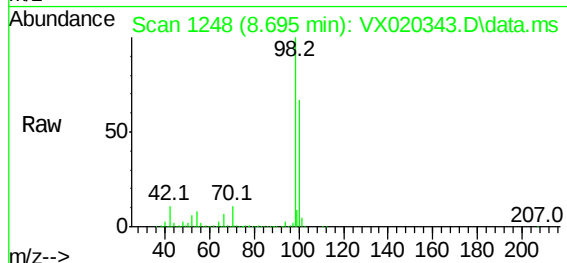




#599 (-)
Toluene-d8
Concen: 50.02 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020343.D
Acq: 23 Dec 2020 17:04

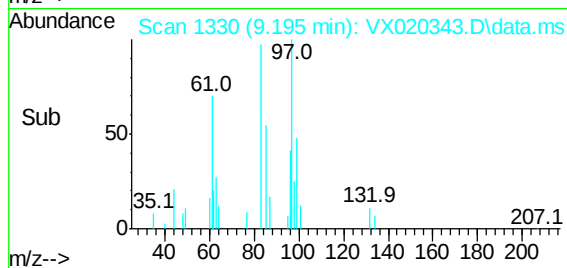
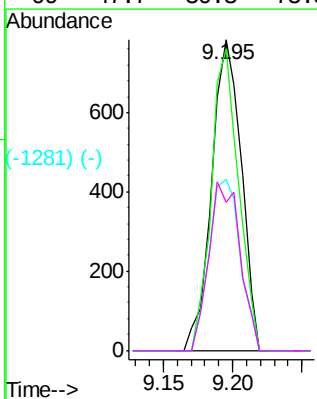
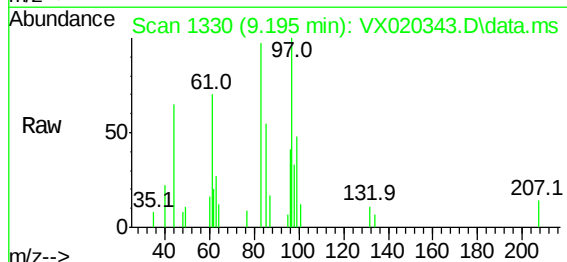
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20201213

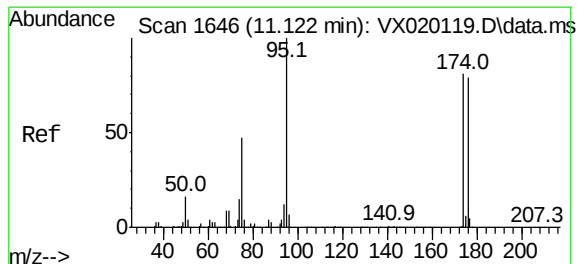
Tgt Ion: 98 Resp: 518432
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#559 (-)
1,1,2-Trichloroethane
Concen: 0.36 ug/l
RT: 9.195 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VX020343.D
Acq: 23 Dec 2020 17:04

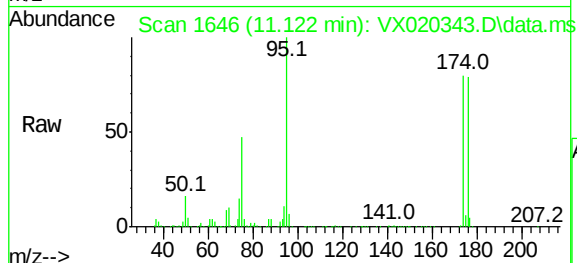
Tgt Ion: 97 Resp: 1163
Ion Ratio Lower Upper
97 100
83 97.1 69.3 103.9
85 55.2 44.3 66.5
99 47.7 50.3 75.5#





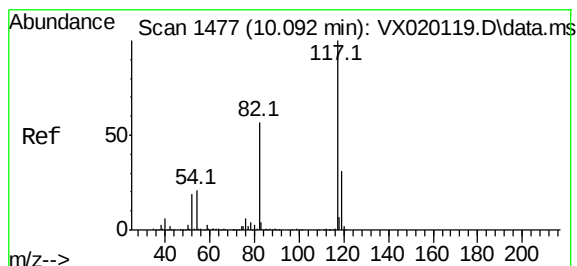
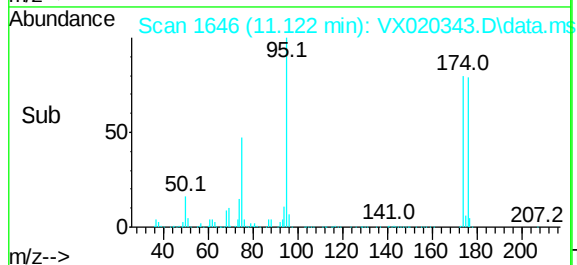
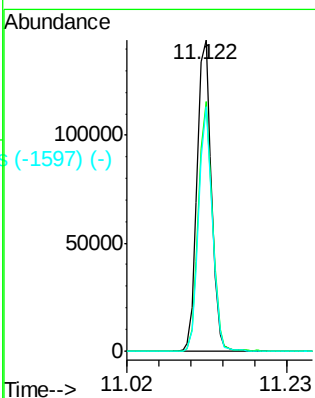
#639 (-)
 4-Bromofluorobenzene
 Concen: 46.82 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: VX020343.D
 Acq: 23 Dec 2020 17:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20201213

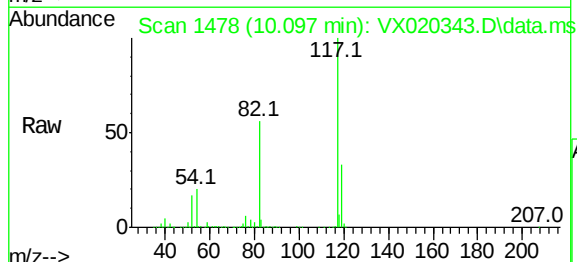


Tgt Ion: 95 Resp: 185706

Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	154.6
176	75.3	0.0	155.8

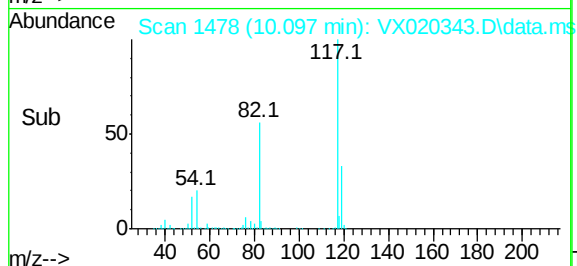
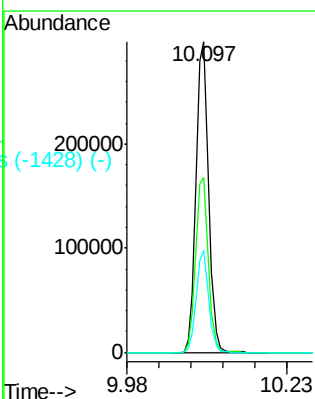


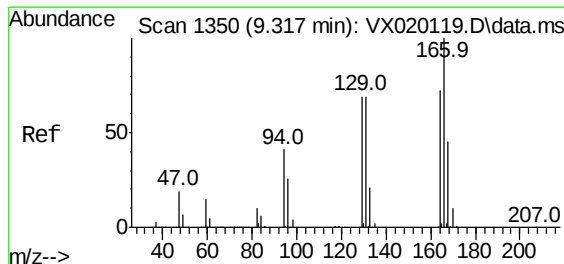
#640 (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.097 min Scan# 1478
 Delta R.T. 0.005 min
 Lab File: VX020343.D
 Acq: 23 Dec 2020 17:04



Tgt Ion: 117 Resp: 406437

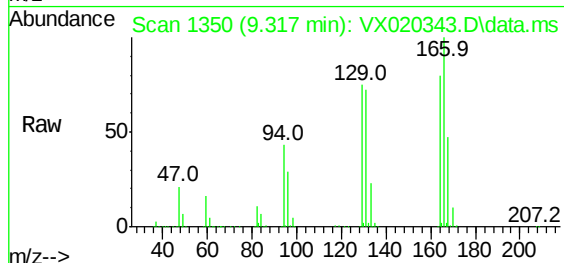
Ion	Ratio	Lower	Upper
117	100		
82	56.4	47.4	71.2
119	32.9	26.6	39.8



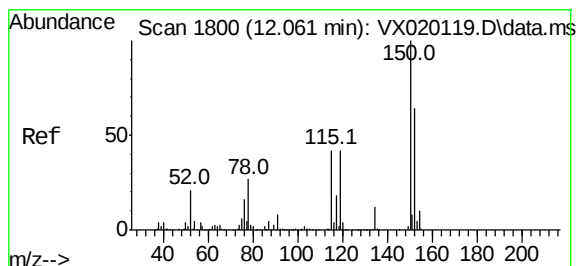
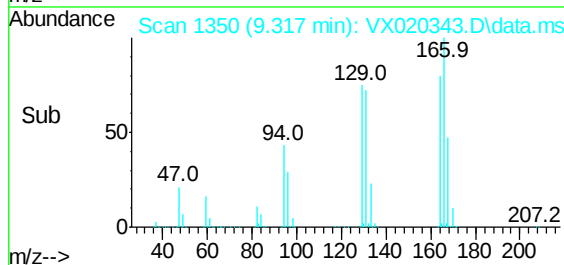
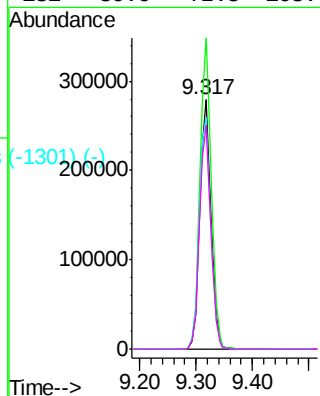


#164 (-)
Tetrachloroethene
Concen: 124.81 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020343.D
Acq: 23 Dec 2020 17:04

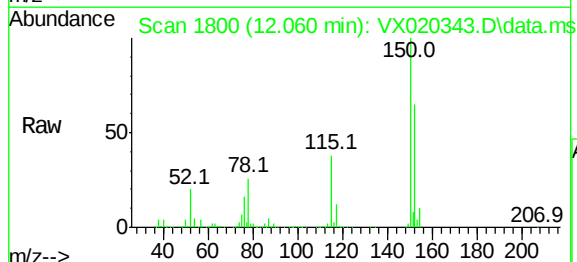
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20201213



Tgt Ion:164 Resp: 382210
Ion Ratio Lower Upper
164 100
166 124.7 103.4 155.2
129 93.1 70.8 106.2
131 89.6 72.5 108.7



#174 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.060 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VX020343.D
Acq: 23 Dec 2020 17:04



Tgt Ion:152 Resp: 170156
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 156.8 0.0 349.0

