

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020345.D
 Acq On : 23 Dec 2020 17:51
 Operator : JC/MD
 Sample : L5123-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D-20201214

Quant Time: Dec 24 00:19:51 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)

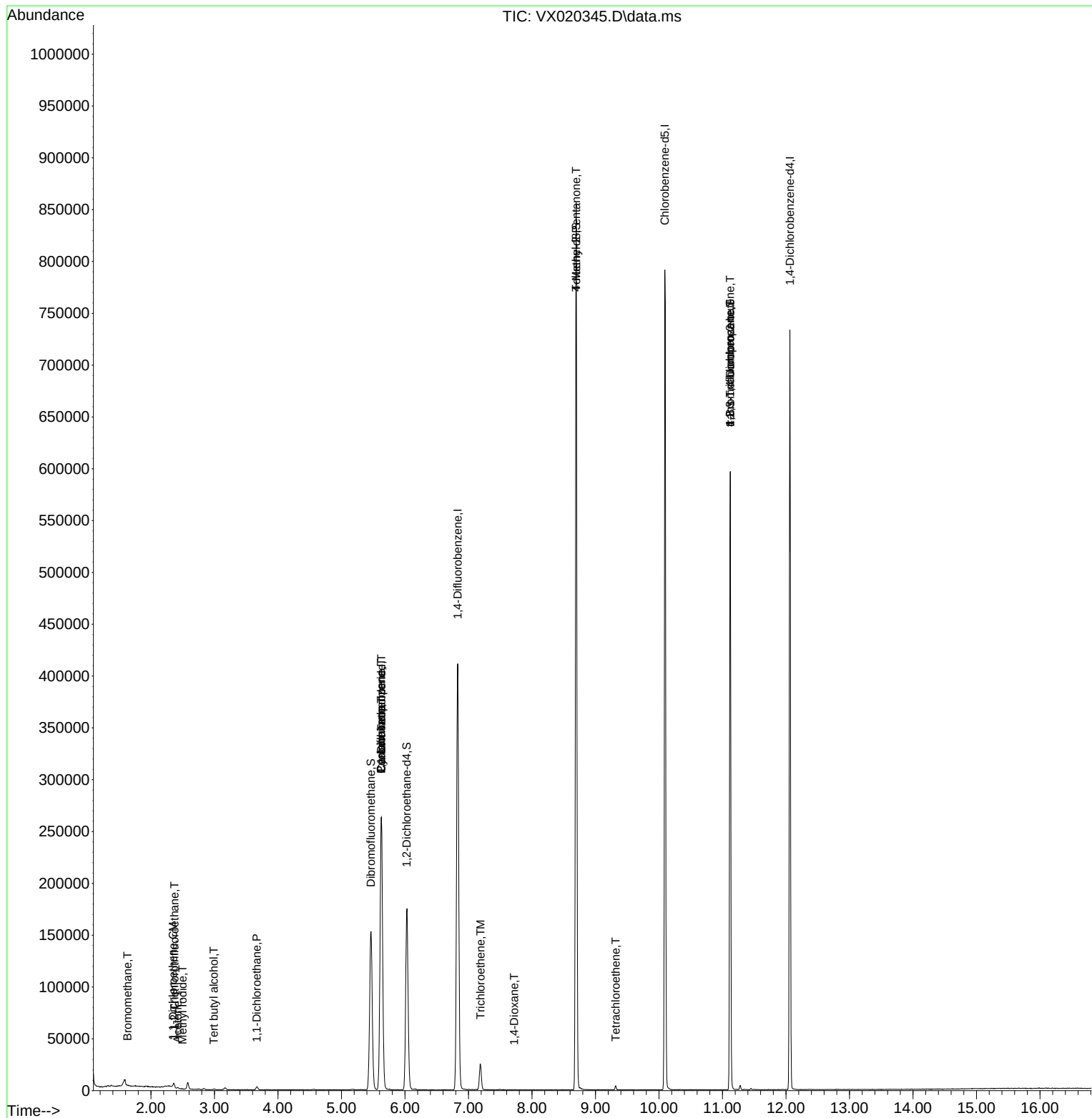
Internal Standards						
1) Pentafluorobenzene	5.623	168	254826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	417025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	366916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	147434	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	166136	48.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.28%
35) Dibromofluoromethane	5.465	113	135582	50.82	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.64%
50) Toluene-d8	8.696	98	502722	48.96	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.92%
62) 4-Bromofluorobenzene	11.122	95	163589	41.62	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	83.24%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	423	0.38	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.368	101	1223	0.48	ug/l #	90
10) Methyl Iodide	2.496	142	99	3.31	ug/l #	42
11) Tert butyl alcohol	2.989	59	497	0.65	ug/l #	73
12) 1,1-Dichloroethene	2.349	96	823	0.32	ug/l	91
16) Acetone	2.416	43	1267	0.81	ug/l	95
24) 1,1-Dichloroethane	3.666	63	3432	0.62	ug/l	96
31) Cyclohexane	5.623	56	5056	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	19552	4.74	ug/l #	48
38) Carbon Tetrachloride	5.629	117	24873	6.35	ug/l #	18
44) Trichloroethene	7.190	130	9645	2.91	ug/l	96
49) 1,4-Dioxane	7.720	88	52	0.67	ug/l #	24
51) 4-Methyl-2-Pentanone	8.696	43	2051	0.49	ug/l #	1
64) Tetrachloroethene	9.317	164	720	0.26	ug/l #	80
76) 1,2,3-Trichloropropane	11.122	75	80132	22.06	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	80132	65.46	ug/l #	12

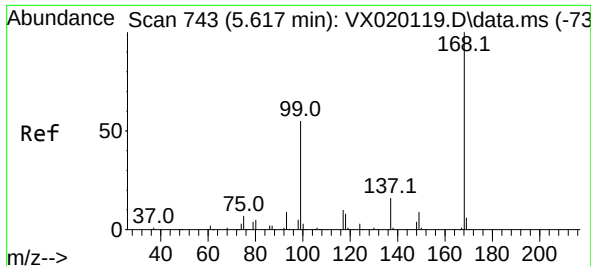
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
Data File : VX020345.D
Acq On : 23 Dec 2020 17:51
Operator : JC/MD
Sample : L5123-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT180D-20201214

Quant Time: Dec 24 00:19:51 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

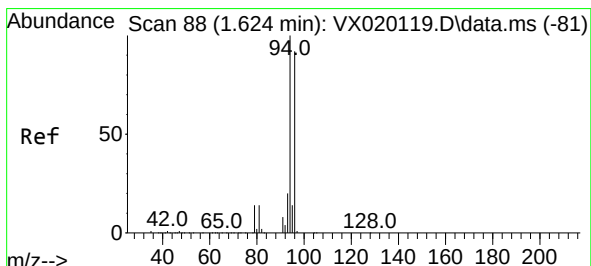
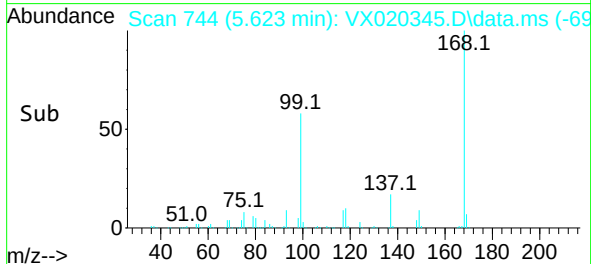
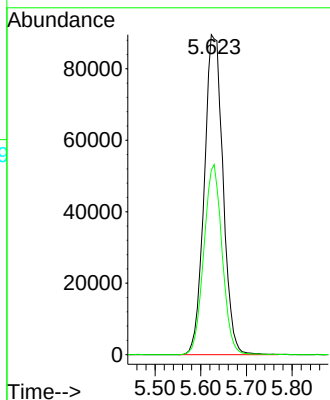
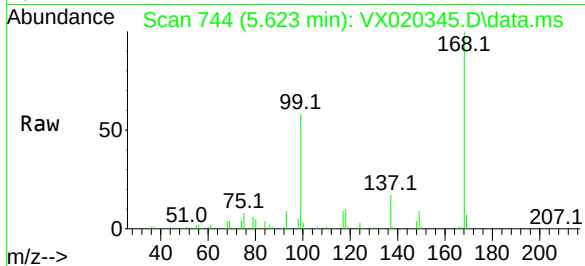




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

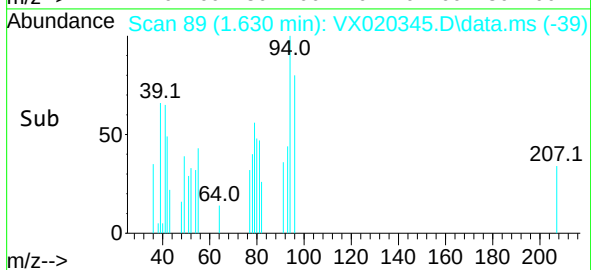
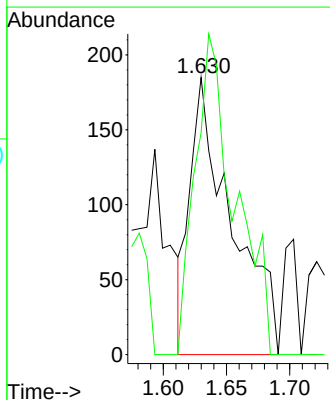
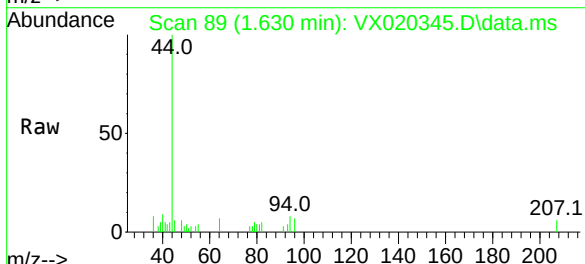
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20201214

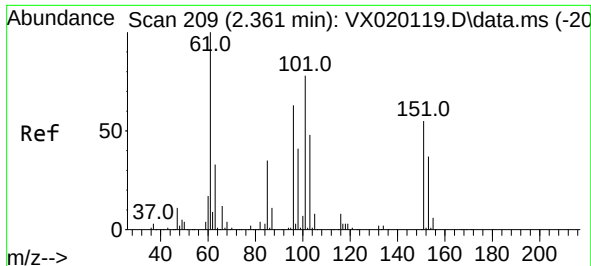
Tgt Ion:168 Resp: 254826
Ion Ratio Lower Upper
168 100
99 57.7 45.8 68.6



#5
Bromomethane
Concen: 0.38 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

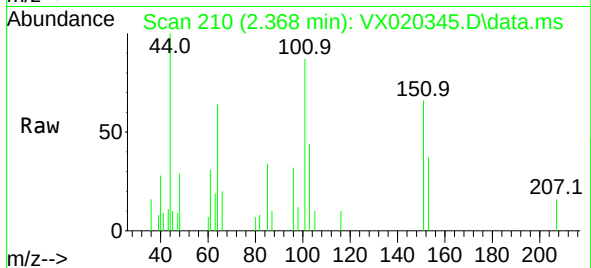
Tgt Ion: 94 Resp: 423
Ion Ratio Lower Upper
94 100
96 80.0 76.4 114.6



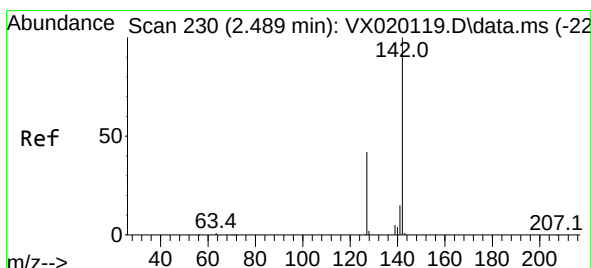
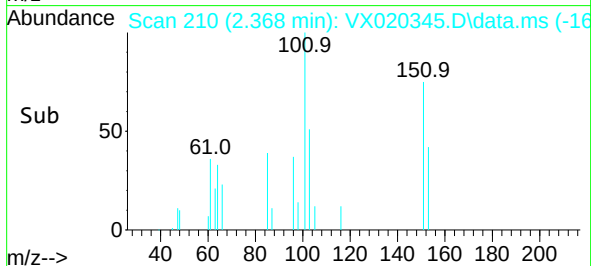
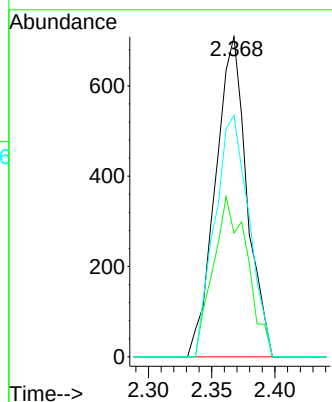


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.48 ug/l
RT: 2.368 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
TT180D-20201214

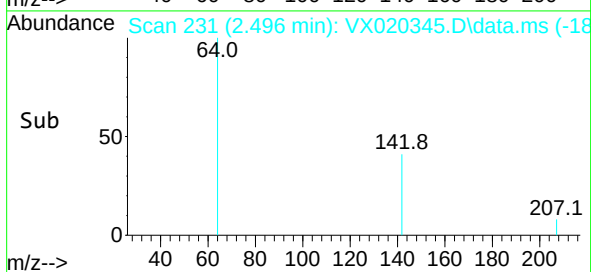
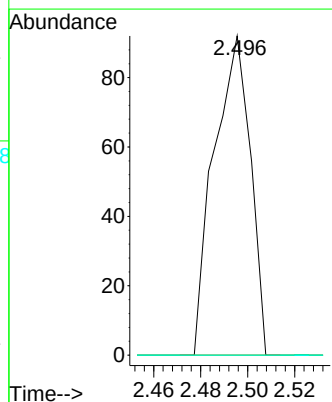
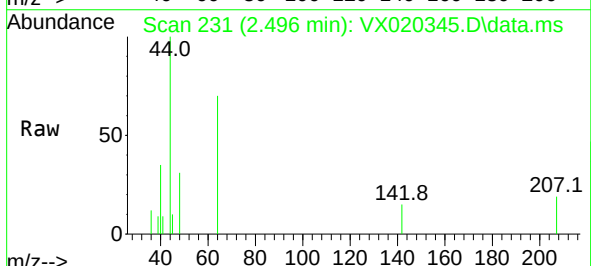


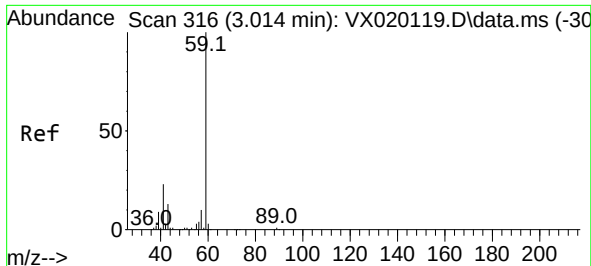
Tgt Ion:101 Resp: 1223
Ion Ratio Lower Upper
101 100
85 54.1 34.9 52.3#
151 81.9 61.4 92.2



#10
Methyl Iodide
Concen: 3.31 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

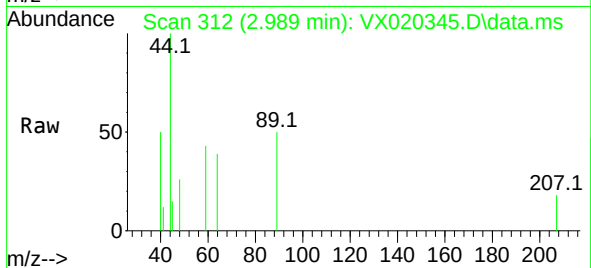
Tgt Ion:142 Resp: 99
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



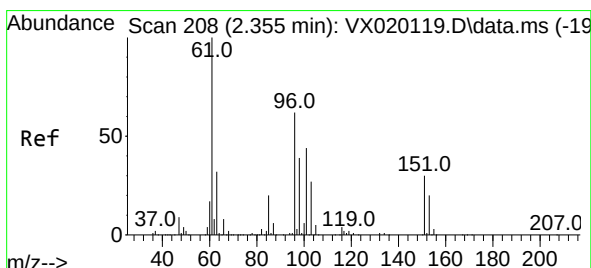
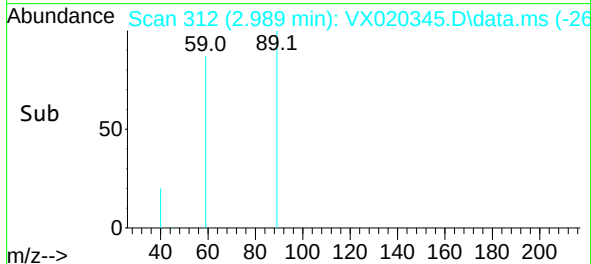
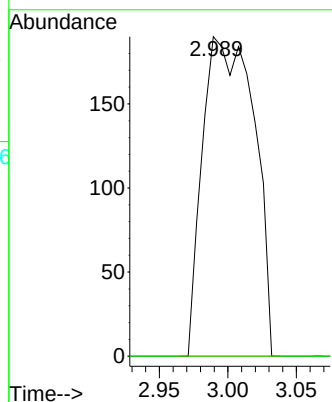


#11
Tert butyl alcohol
Concen: 0.65 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
TT180D-20201214

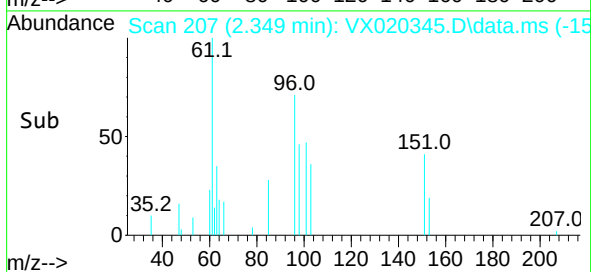
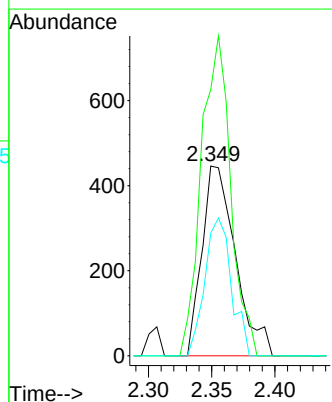
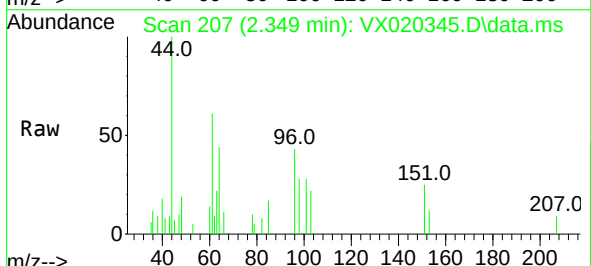


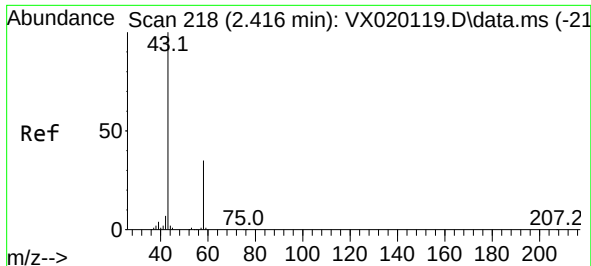
Tgt Ion: 59 Resp: 497
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 0.32 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

Tgt Ion: 96 Resp: 823
Ion Ratio Lower Upper
96 100
61 140.4 124.6 187.0
98 64.8 50.6 76.0

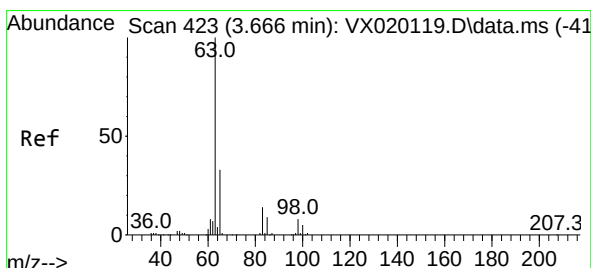
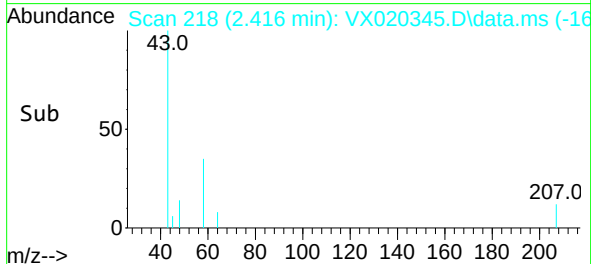
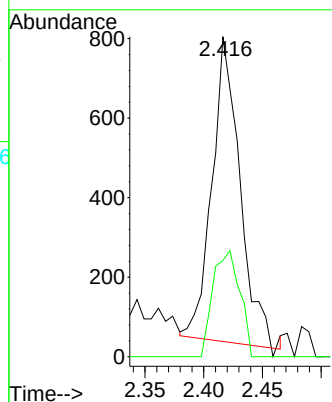
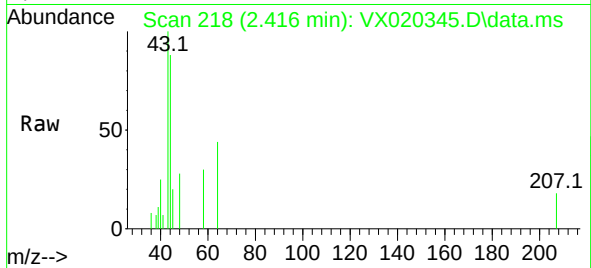




#16
Acetone
Concen: 0.81 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

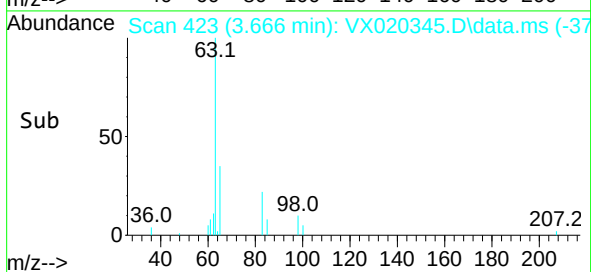
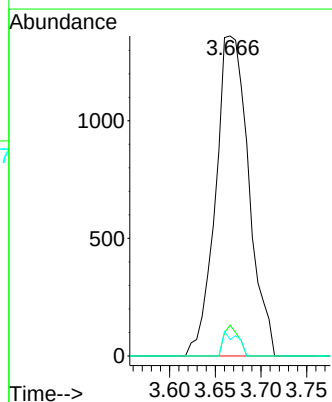
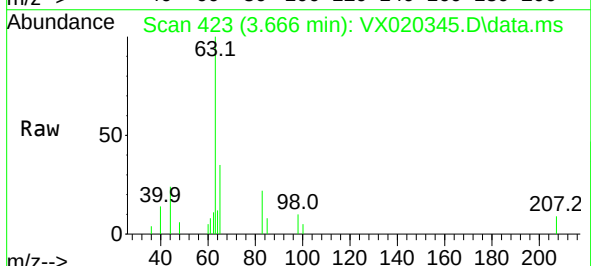
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20201214

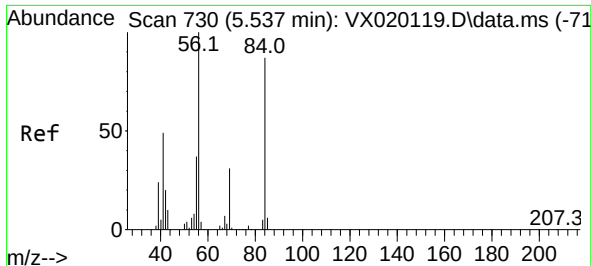
Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
58 32.2 27.8 41.8



#24
1,1-Dichloroethane
Concen: 0.62 ug/l
RT: 3.666 min Scan# 423
Delta R.T. 0.000 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

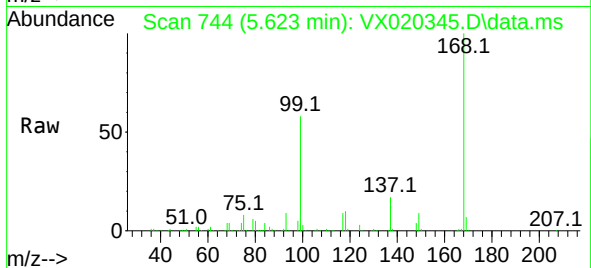
Tgt Ion: 63 Resp: 3432
Ion Ratio Lower Upper
63 100
98 9.6 3.8 11.2
100 5.1 2.5 7.5



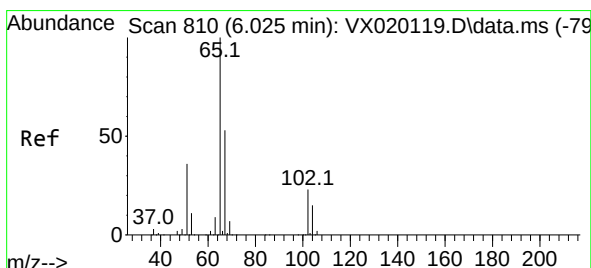
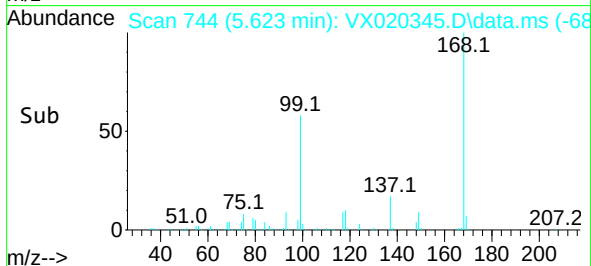
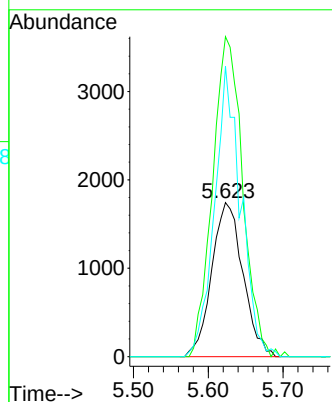


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
TT180D-20201214

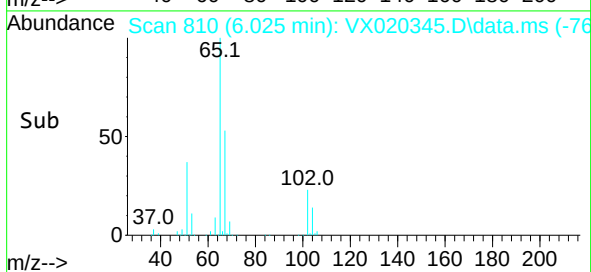
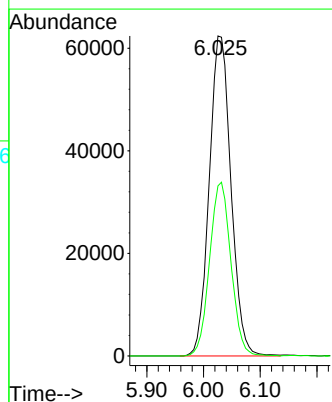
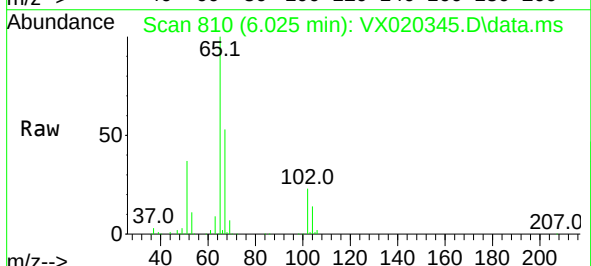


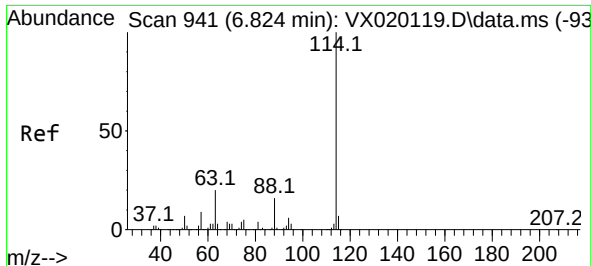
Tgt Ion: 56 Resp: 5056
Ion Ratio Lower Upper
56 100
69 207.7 25.3 37.9#
84 188.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.64 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

Tgt Ion: 65 Resp: 166136
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4

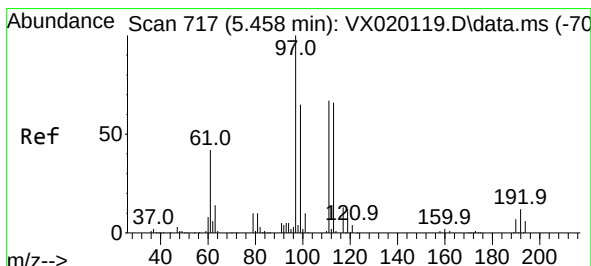
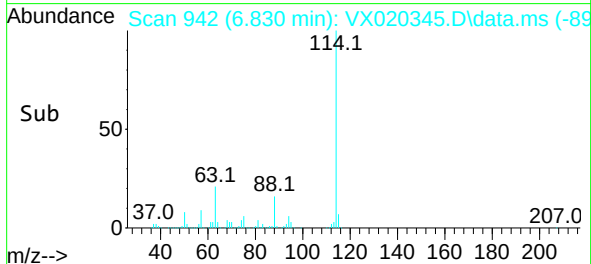
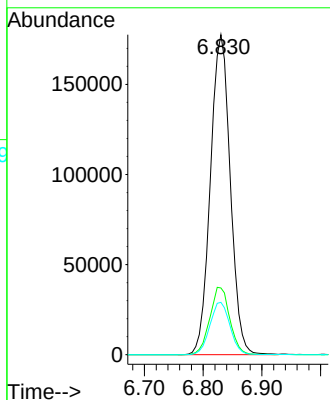
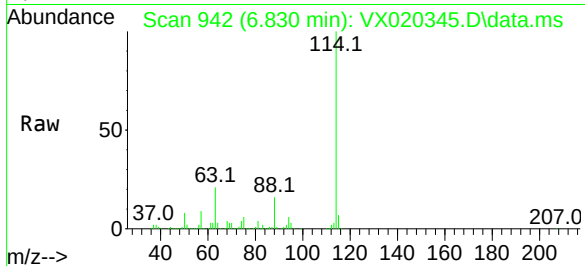




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

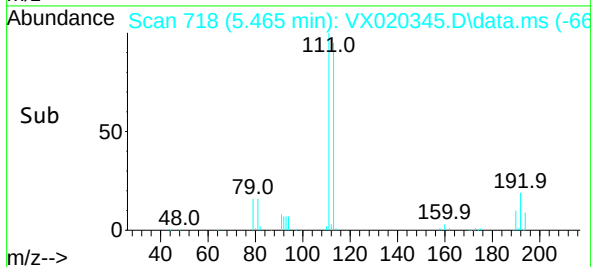
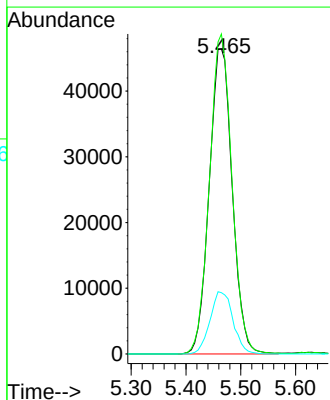
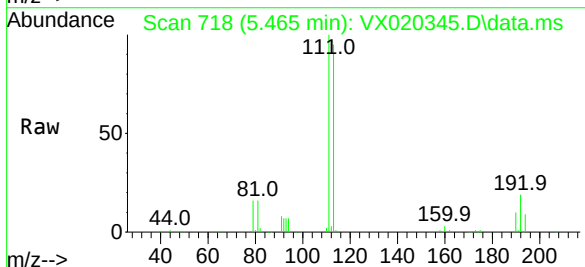
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20201214

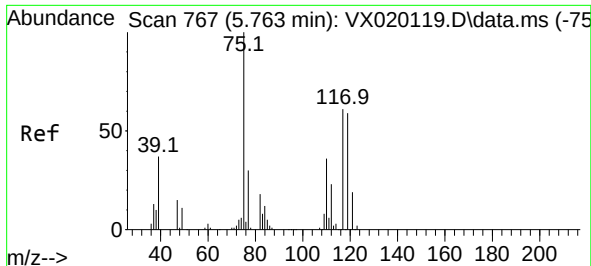
Tgt Ion:114 Resp: 417025
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.82 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

Tgt Ion:113 Resp: 135582
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 20.3 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.74 ug/l

RT: 5.623 min Scan# 744

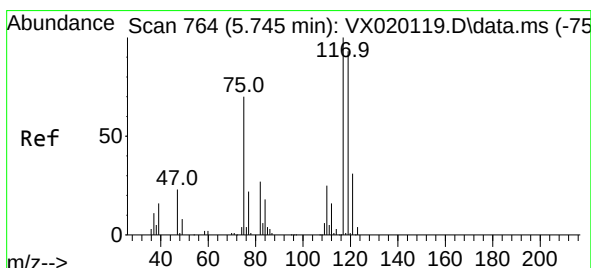
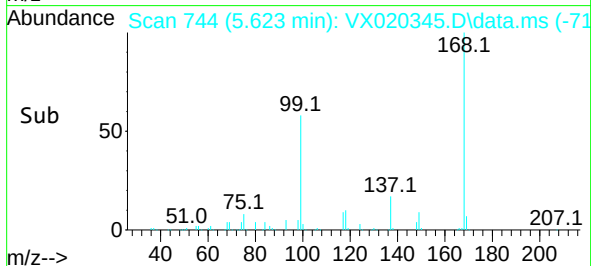
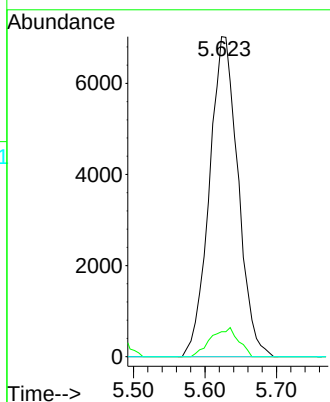
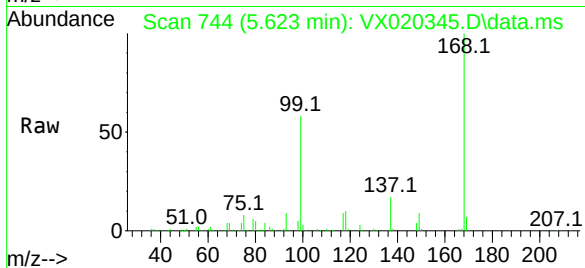
Delta R.T. -0.140 min

Lab File: VX020345.D

Acq: 23 Dec 2020 17:51

Tgt Ion:	75	Resp:	19552
Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
TT180D-20201214



#38

Carbon Tetrachloride

Concen: 6.35 ug/l

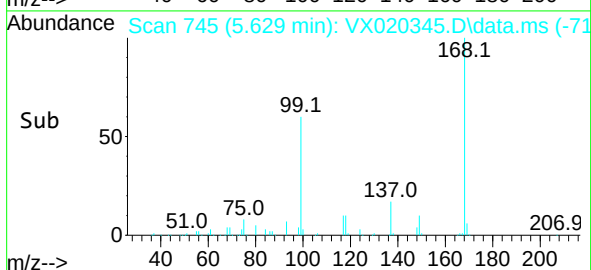
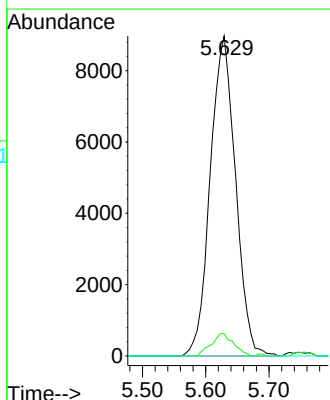
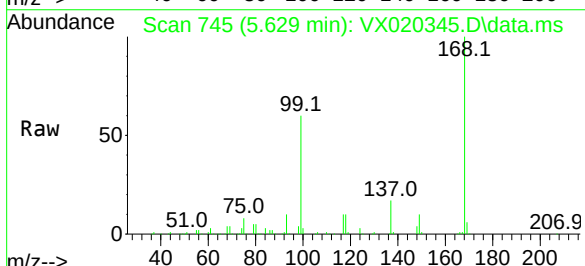
RT: 5.629 min Scan# 745

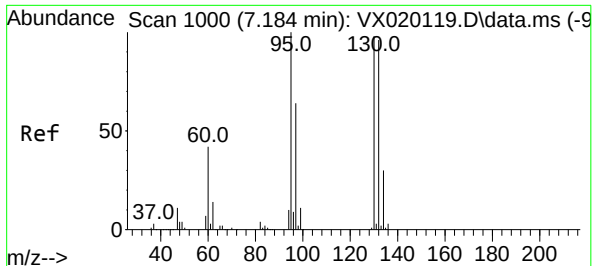
Delta R.T. -0.116 min

Lab File: VX020345.D

Acq: 23 Dec 2020 17:51

Tgt Ion:	117	Resp:	24873
Ion	Ratio	Lower	Upper
117	100		
119	7.0	76.2	114.2#
121	0.0	24.8	37.2#

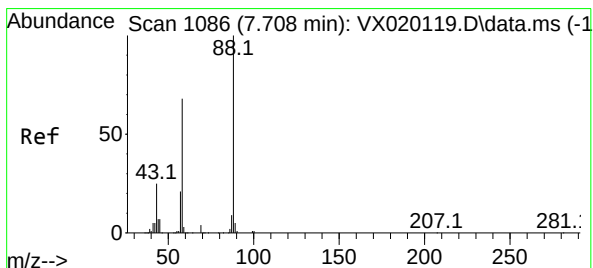
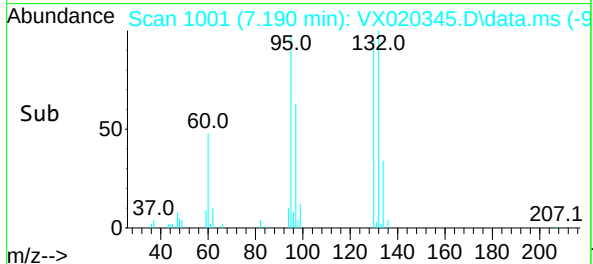
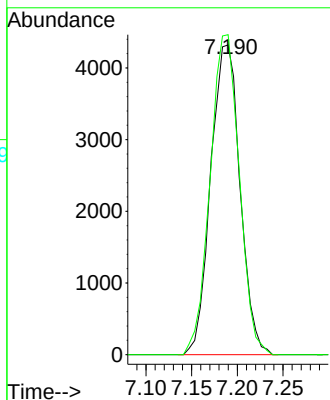
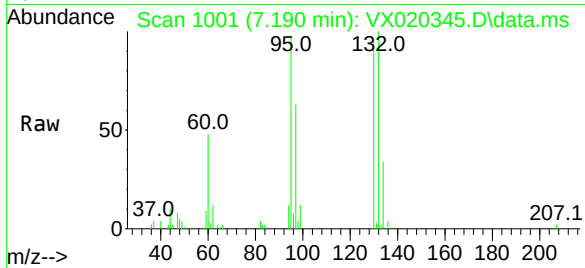




#44
Trichloroethene
Concen: 2.91 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

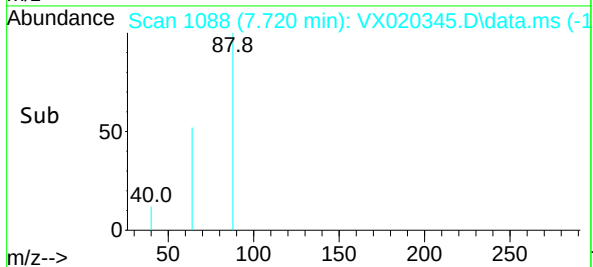
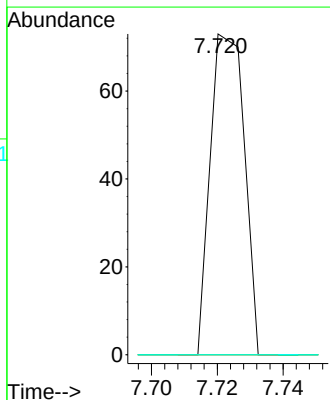
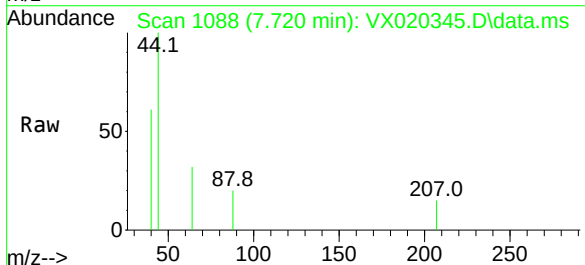
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20201214

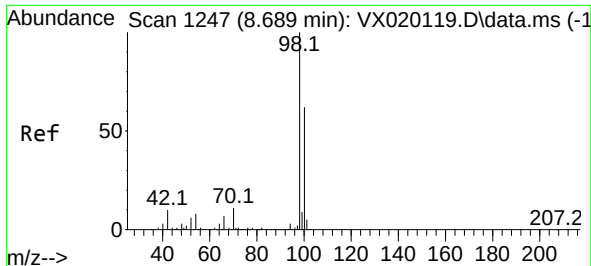
Tgt Ion:130 Resp: 9645
Ion Ratio Lower Upper
130 100
95 103.3 0.0 198.0



#49
1,4-Dioxane
Concen: 0.67 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.012 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

Tgt Ion: 88 Resp: 52
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 55.0 82.4#

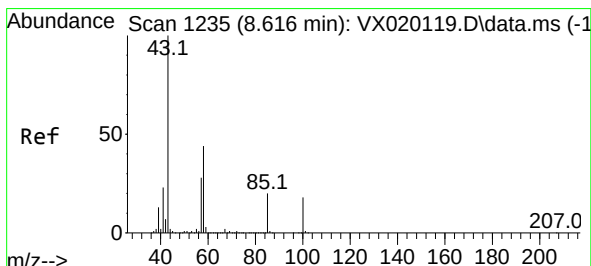
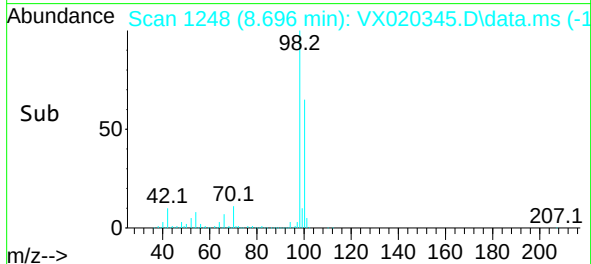
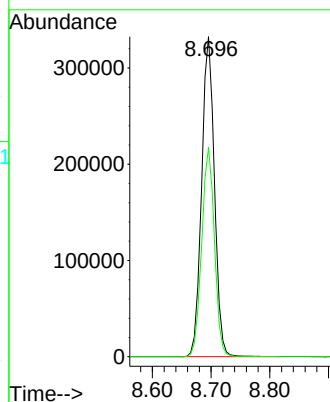
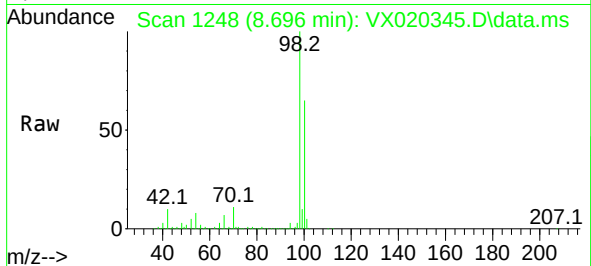




#50
Toluene-d8
Concen: 48.96 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

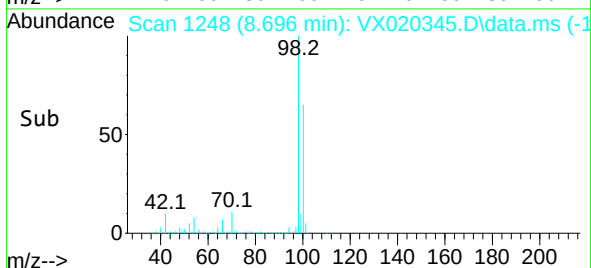
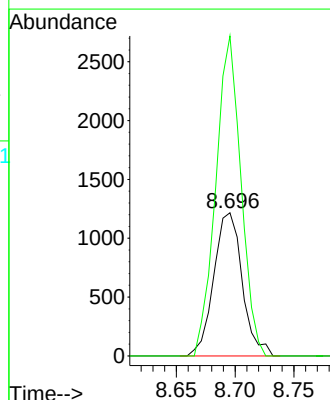
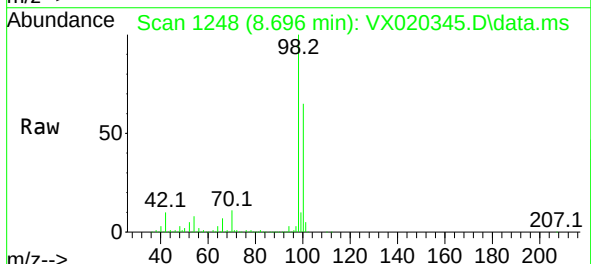
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20201214

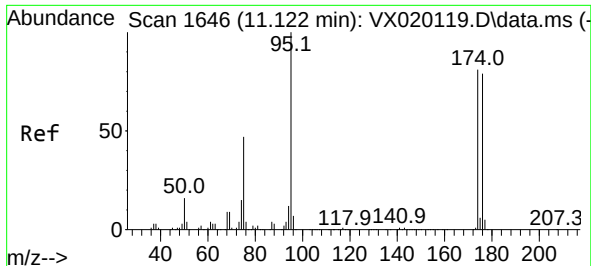
Tgt Ion: 98 Resp: 502722
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

Tgt Ion: 43 Resp: 2051
Ion Ratio Lower Upper
43 100
58 198.0 35.4 53.0#

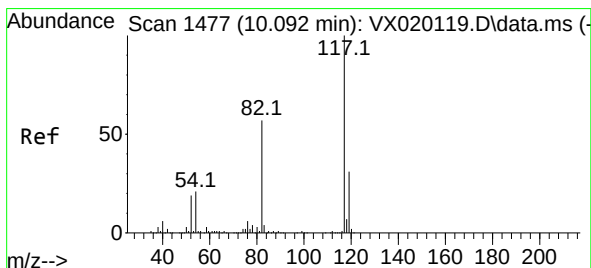
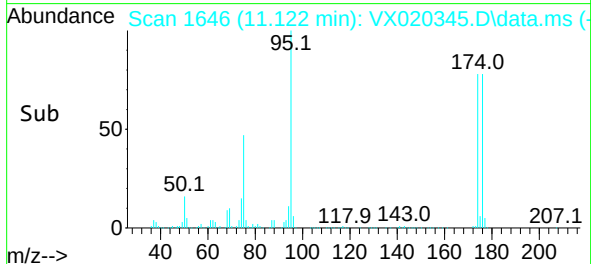
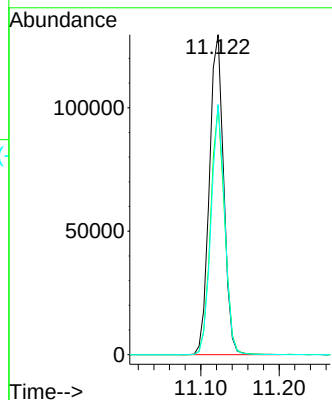
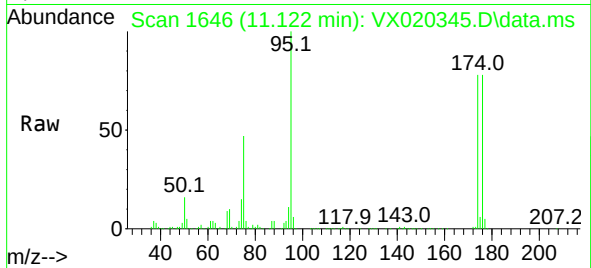




#62
4-Bromofluorobenzene
Concen: 41.62 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

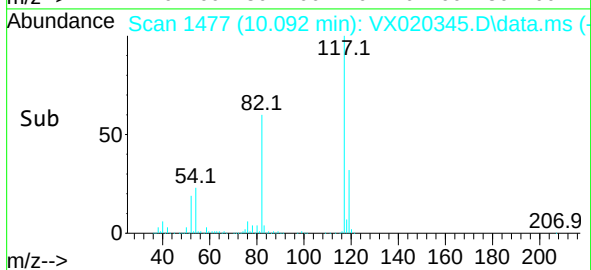
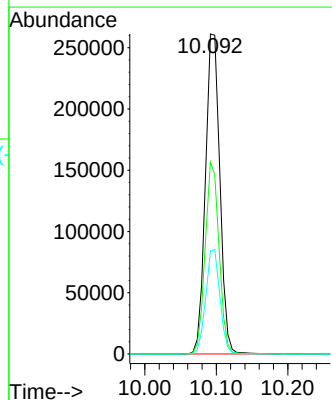
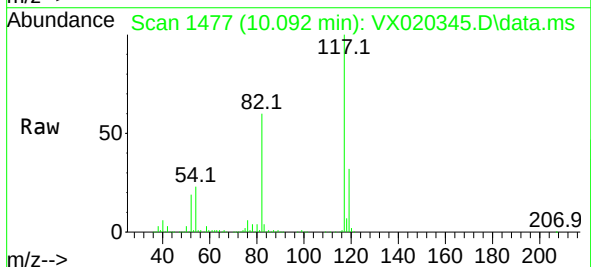
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20201214

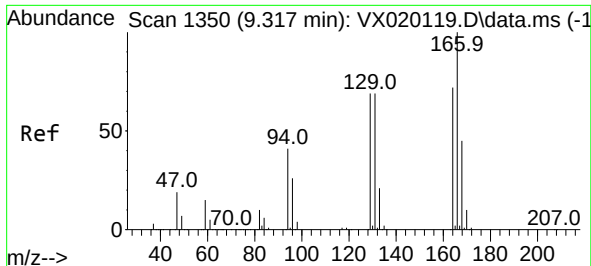
Tgt Ion: 95 Resp: 163589
Ion Ratio Lower Upper
95 100
174 76.1 0.0 154.6
176 74.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

Tgt Ion: 117 Resp: 366916
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 32.3 26.6 39.8



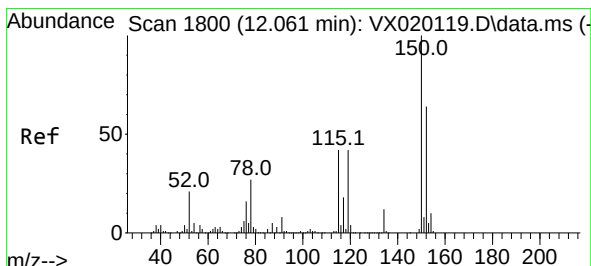
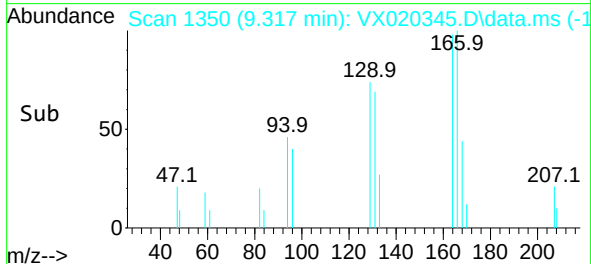
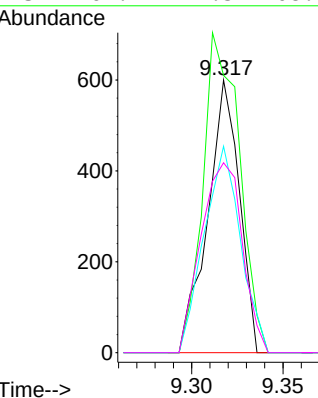
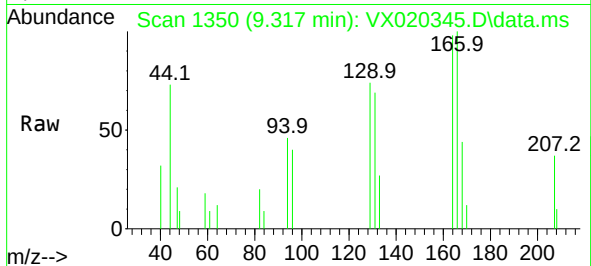


#64
Tetrachloroethene
Concen: 0.26 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
TT180D-20201214

Tgt Ion:164 Resp: 720

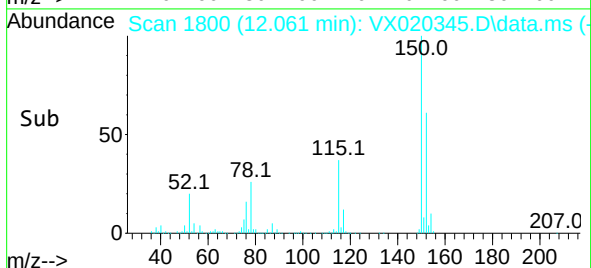
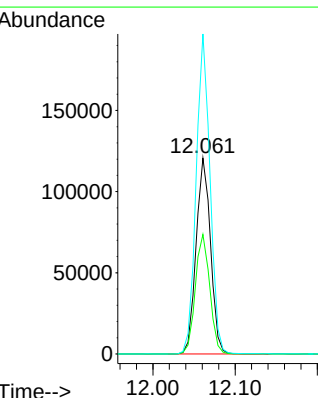
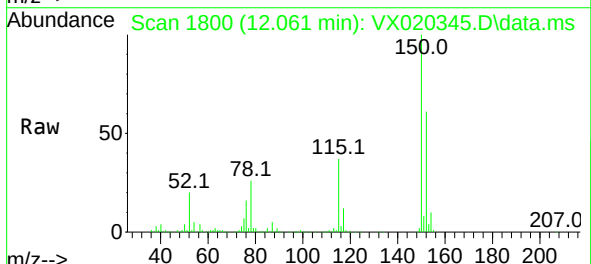
Ion	Ratio	Lower	Upper
164	100		
166	101.7	103.4	155.2#
129	75.7	70.8	106.2
131	69.7	72.5	108.7#

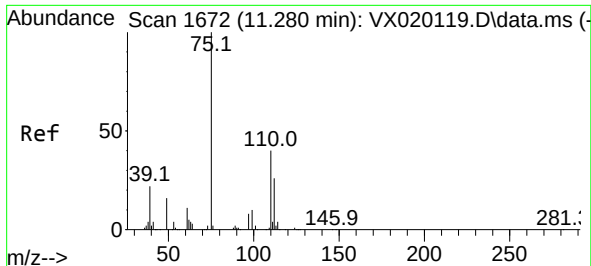


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

Tgt Ion:152 Resp: 147434

Ion	Ratio	Lower	Upper
152	100		
115	60.9	41.1	123.3
150	157.0	0.0	349.0

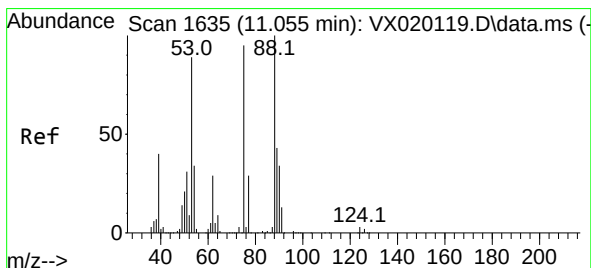
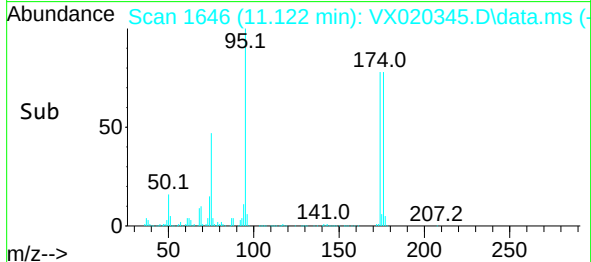
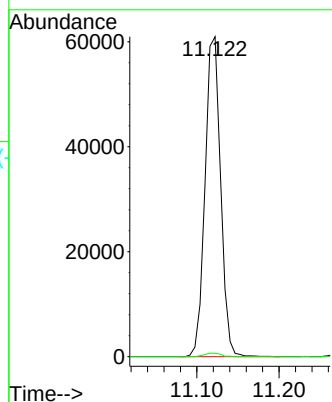
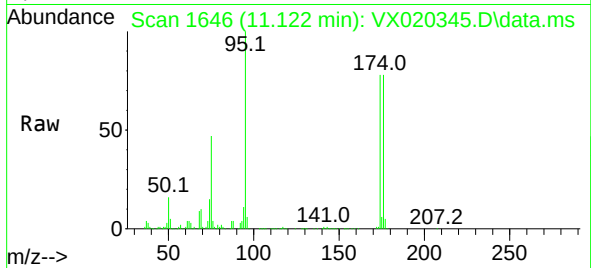




#76
1,2,3-Trichloropropane
Concen: 22.06 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
TT180D-20201214

Tgt Ion: 75 Resp: 80132
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.46 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020345.D
Acq: 23 Dec 2020 17:51

Tgt Ion: 75 Resp: 80132
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

