

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020151.D
 Acq On : 19 Dec 2020 05:51
 Operator : JC/MD
 Sample : L5141-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-12-16-20-RCRA

Quant Time: Dec 19 06:39:59 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)

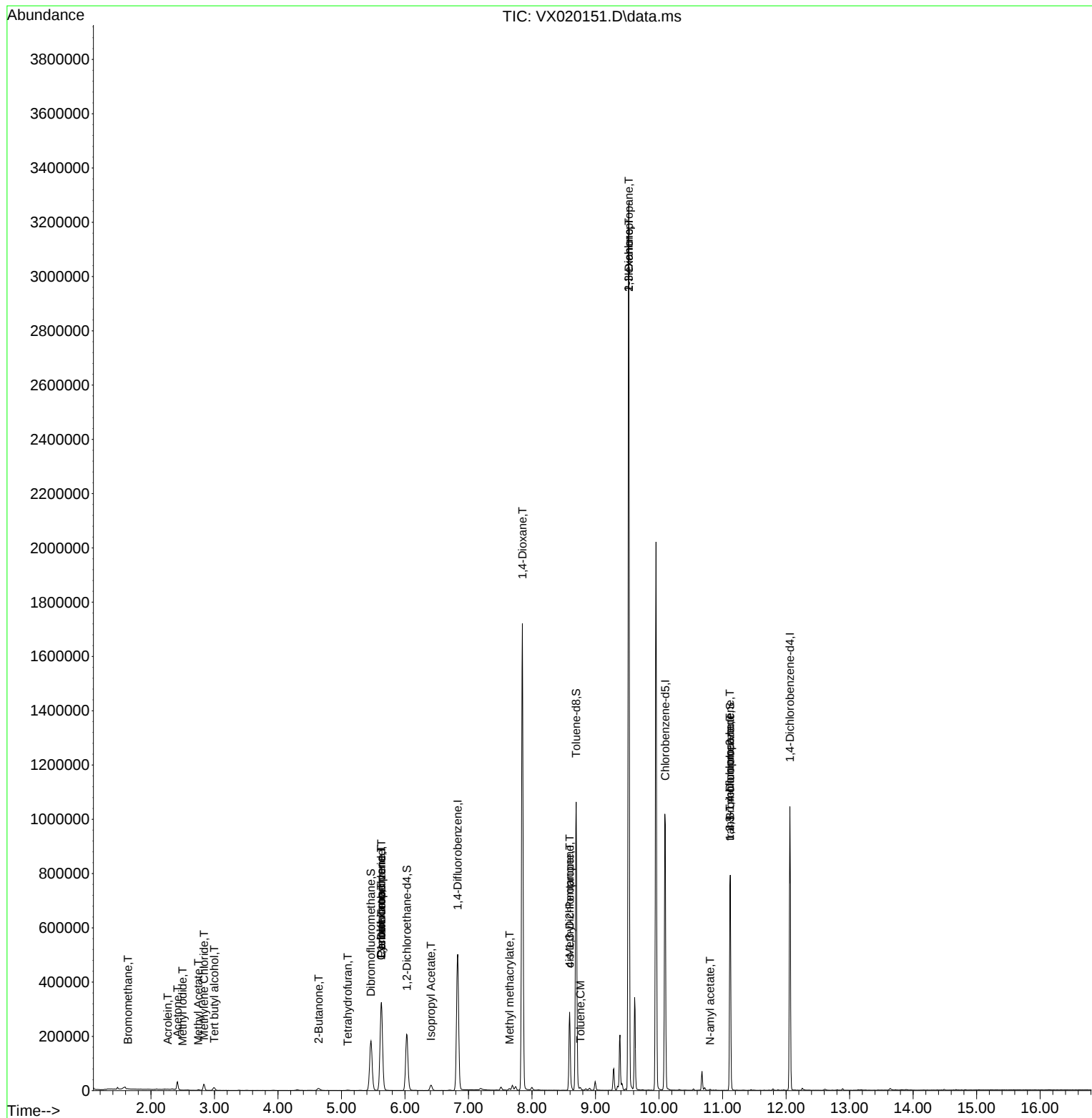
Internal Standards						
1) Pentafluorobenzene	5.629	168	309700	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	512520	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	473776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	207620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	197347	47.54	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.08%		
35) Dibromofluoromethane	5.464	113	160226	48.87	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.74%		
50) Toluene-d8	8.696	98	628071	49.77	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.54%		
62) 4-Bromofluorobenzene	11.122	95	221511	45.86	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.72%		
Target Compounds						Qvalue
5) Bromomethane	1.636	94	609	0.45	ug/l	83
10) Methyl Iodide	2.495	142	197	3.33	ug/l #	67
11) Tert butyl alcohol	2.995	59	6985	7.51	ug/l #	81
13) Acrolein	2.264	56	249	0.43	ug/l #	82
16) Acetone	2.416	43	30356	16.04	ug/l	97
18) Methyl Acetate	2.745	43	3792	0.90	ug/l	91
20) Methylene Chloride	2.837	84	10702	2.51	ug/l	94
25) 2-Butanone	4.641	43	9762	3.54	ug/l	99
29) Tetrahydrofuran	5.099	42	1388	0.80	ug/l #	73
31) Cyclohexane	5.623	56	6146	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	23729	4.68	ug/l #	48
38) Carbon Tetrachloride	5.629	117	30781	6.39	ug/l #	17
43) Isopropyl Acetate	6.409	43	25646	3.09	ug/l	98
48) Methyl methacrylate	7.647	41	7369	1.81	ug/l #	10
49) 1,4-Dioxane	7.848	88	339	3.56	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	91312	17.75	ug/l #	47
52) Toluene	8.763	92	2222	0.23	ug/l	96
54) cis-1,3-Dichloropropene	8.592	75	47582	7.58	ug/l #	60
57) 1,3-Dichloropropane	9.525	76	29366	4.35	ug/l #	43
59) 2-Hexanone	9.525	43	356103	90.83	ug/l #	46
74) N-amyl acetate	10.805	43	1768	0.29	ug/l #	45
76) 1,2,3-Trichloropropane	11.116	75	108212	21.16	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	108212	62.77	ug/l #	12

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

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ClientSampleId :
WC-12-16-20-RCRA

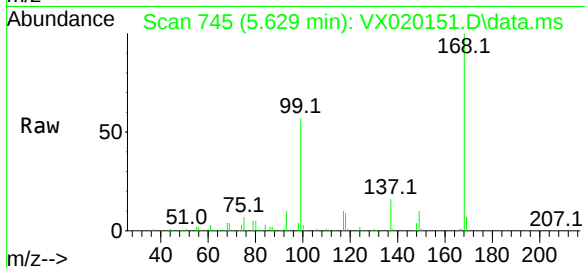
Quant Time: Dec 19 06:39:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
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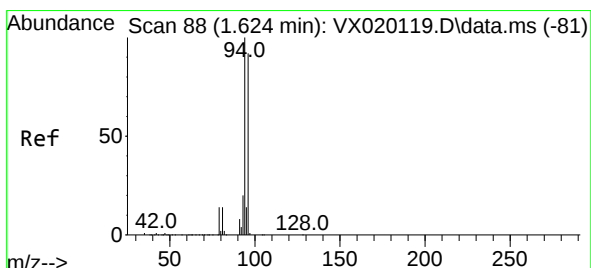
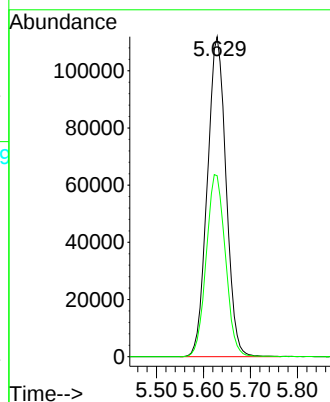
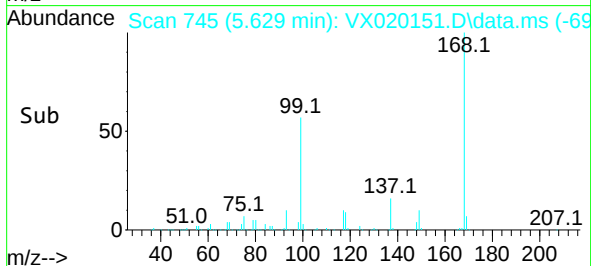


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

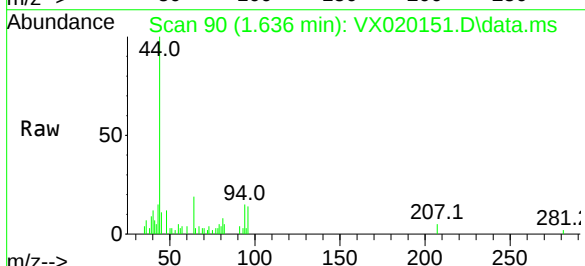
Instrument :
MSVOA_X
ClientSampleId :
WC-12-16-20-RCRA



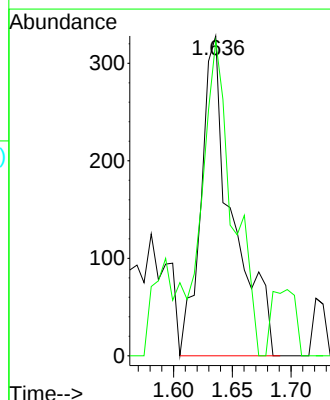
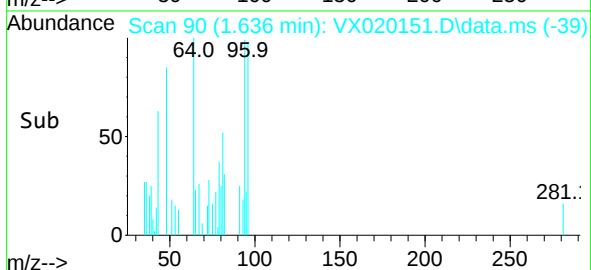
Tgt Ion:168 Resp: 309700
Ion Ratio Lower Upper
168 100
99 56.6 45.8 68.6

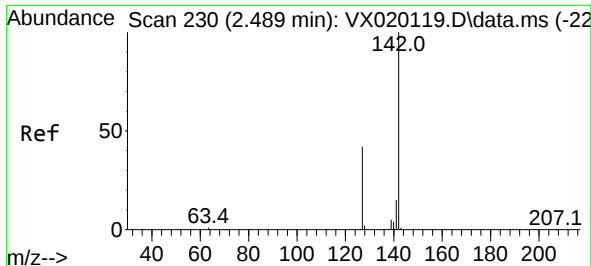


#5
Bromomethane
Concen: 0.45 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51



Tgt Ion: 94 Resp: 609
Ion Ratio Lower Upper
94 100
96 79.0 76.4 114.6

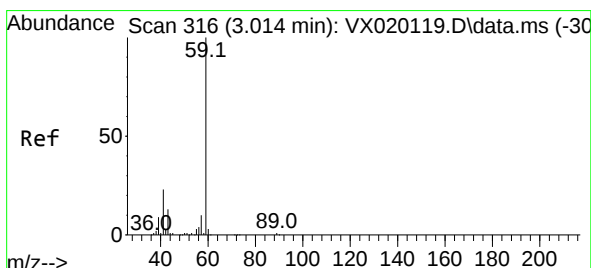
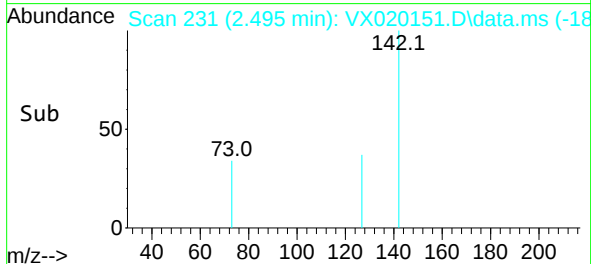
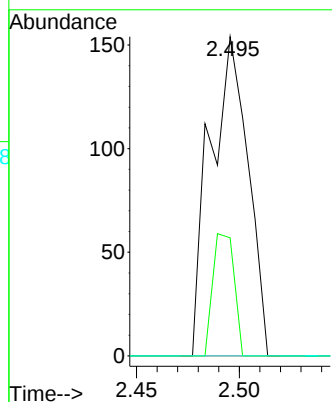
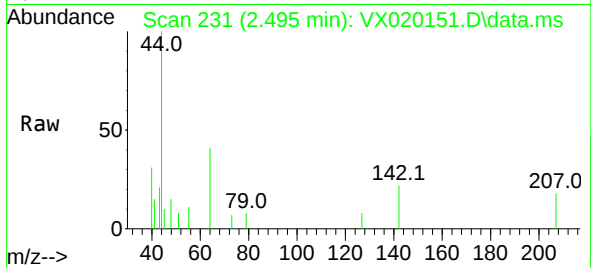




#10
Methyl Iodide
Concen: 3.33 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

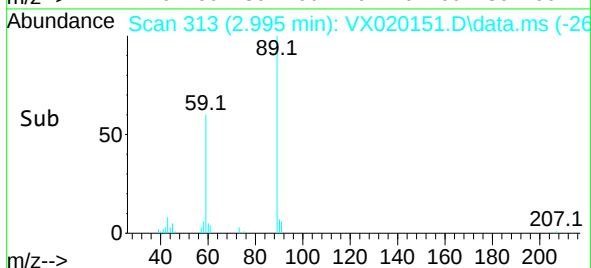
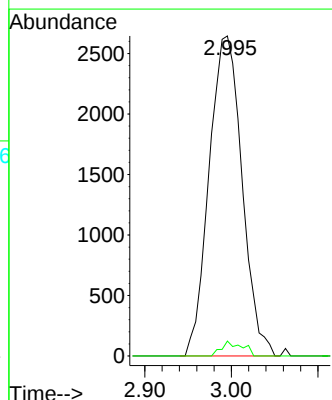
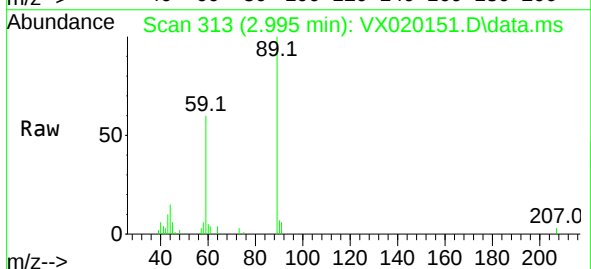
Instrument :
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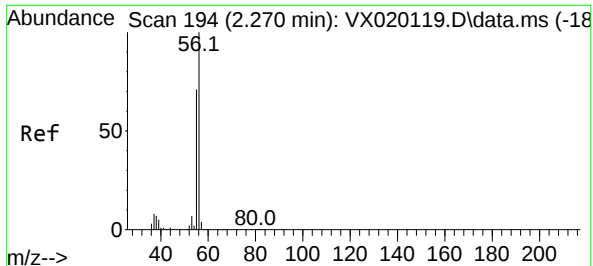
Tgt Ion:142 Resp: 197
Ion Ratio Lower Upper
142 100
127 21.3 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 7.51 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

Tgt Ion: 59 Resp: 6985
Ion Ratio Lower Upper
59 100
57 2.9 7.8 11.8#

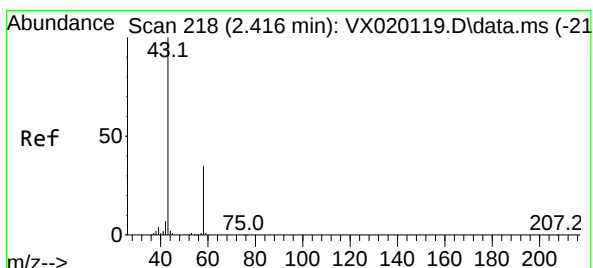
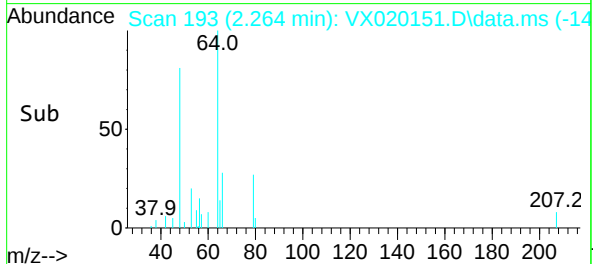
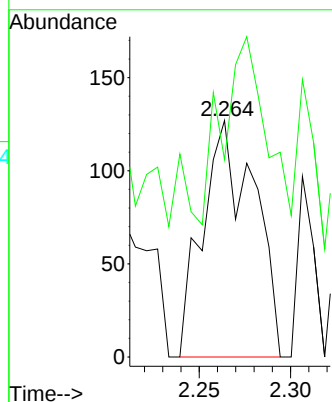
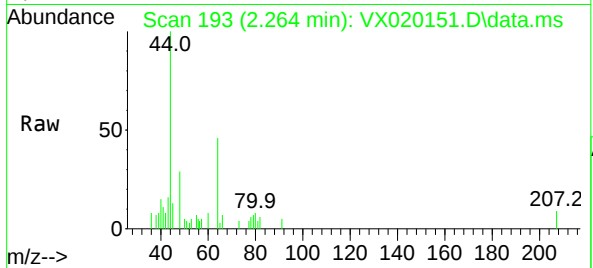




#13
Acrolein
Concen: 0.43 ug/l
RT: 2.264 min Scan# 193
Delta R.T. -0.006 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

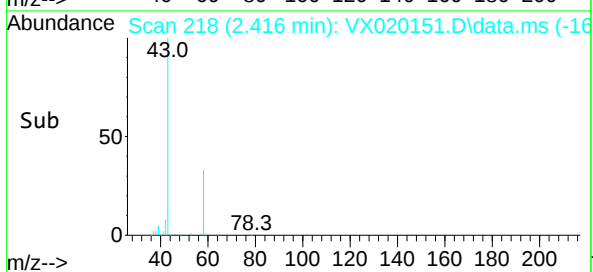
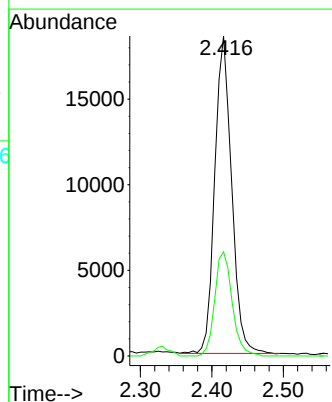
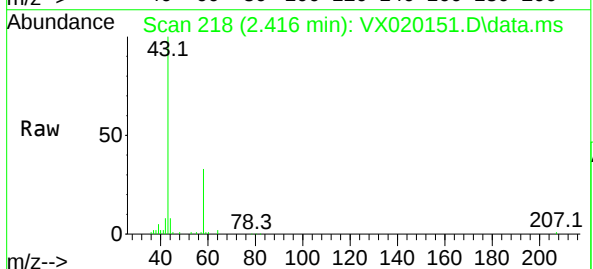
Instrument :
MSVOA_X
ClientSampleId :
WC-12-16-20-RCRA

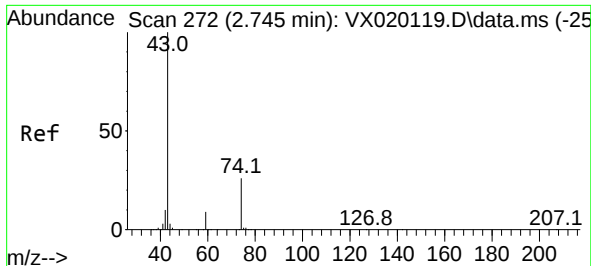
Tgt Ion: 56 Resp: 249
Ion Ratio Lower Upper
56 100
55 85.1 56.4 84.6#



#16
Acetone
Concen: 16.04 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

Tgt Ion: 43 Resp: 30356
Ion Ratio Lower Upper
43 100
58 32.8 27.8 41.8

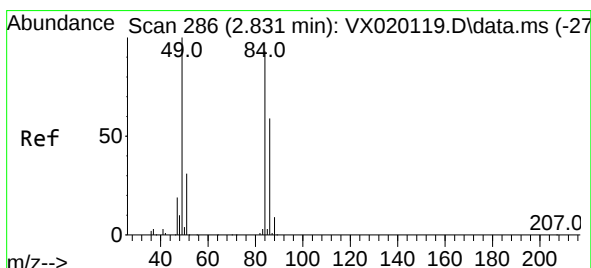
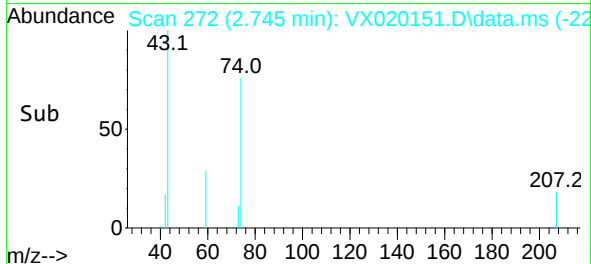
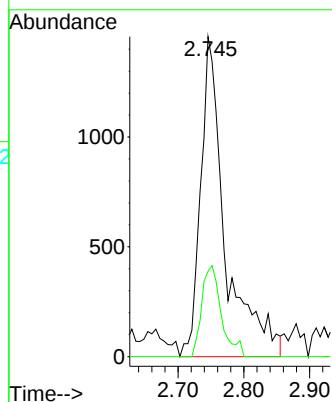
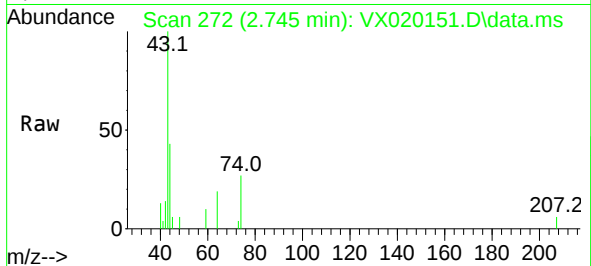




#18
Methyl Acetate
Concen: 0.90 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

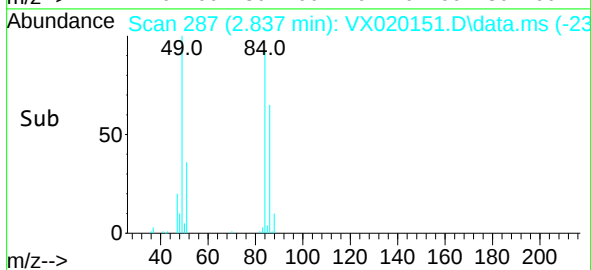
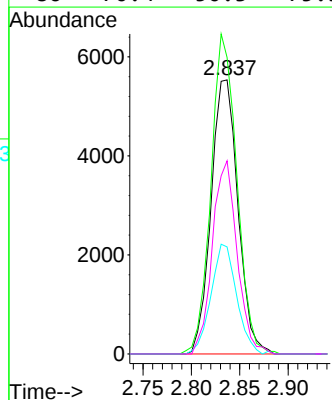
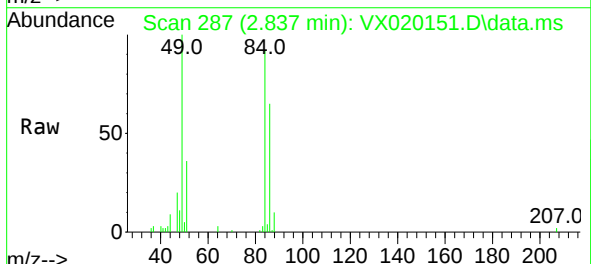
Instrument :
MSVOA_X
ClientSampleId :
WC-12-16-20-RCRA

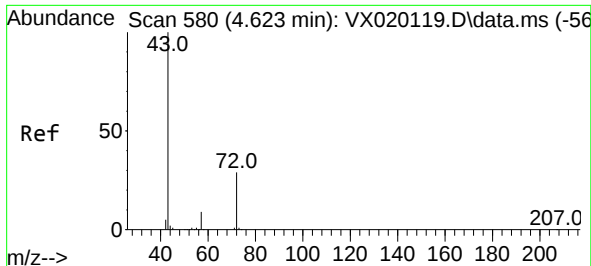
Tgt Ion: 43 Resp: 3792
Ion Ratio Lower Upper
43 100
74 22.5 21.9 32.9



#20
Methylene Chloride
Concen: 2.51 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

Tgt Ion: 84 Resp: 10702
Ion Ratio Lower Upper
84 100
49 108.2 88.6 132.8
51 39.1 27.0 40.6
86 70.4 50.3 75.5

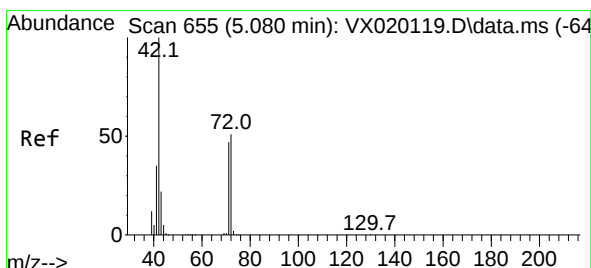
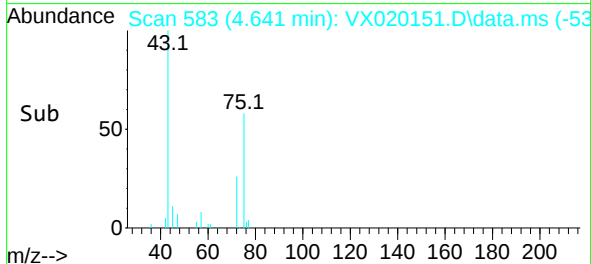
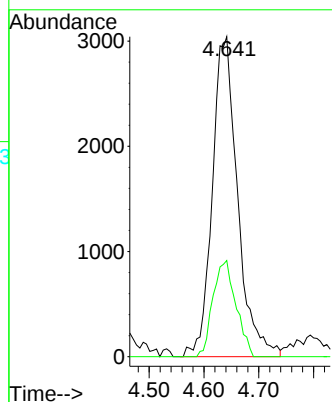
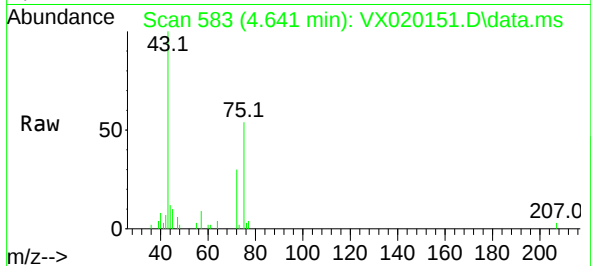




#25
2-Butanone
Concen: 3.54 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.018 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

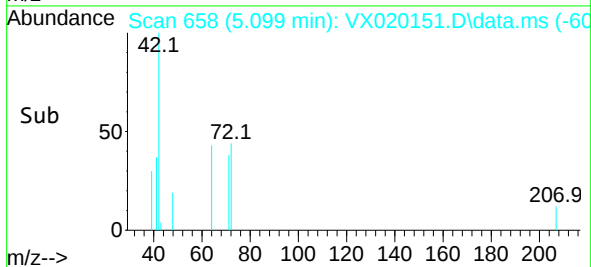
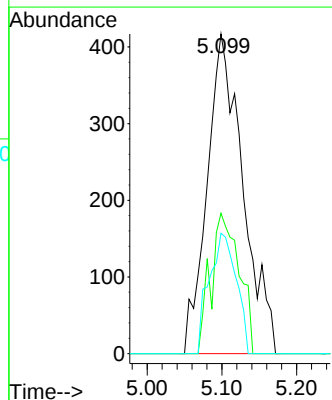
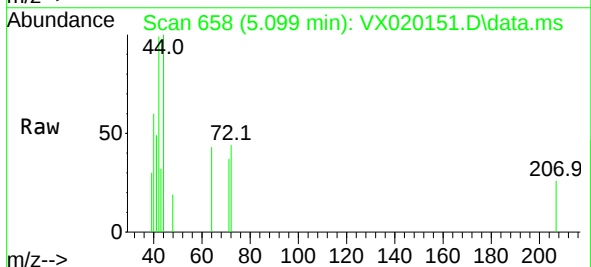
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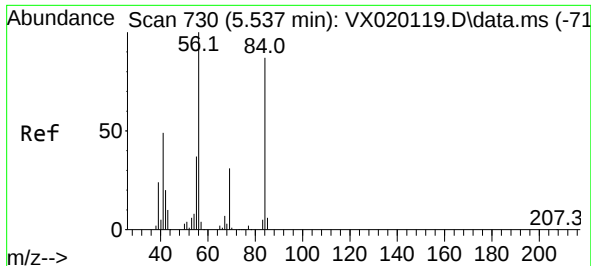
Tgt Ion: 43 Resp: 9762
Ion Ratio Lower Upper
43 100
72 30.1 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.80 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.019 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

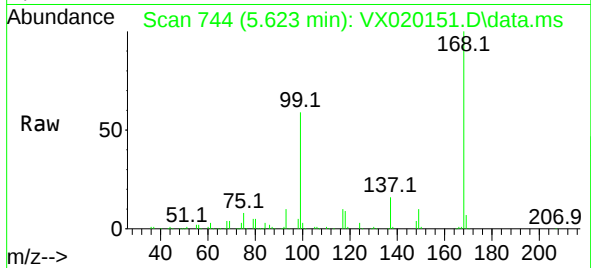
Tgt Ion: 42 Resp: 1388
Ion Ratio Lower Upper
42 100
72 34.9 41.7 62.5#
71 28.5 38.4 57.6#



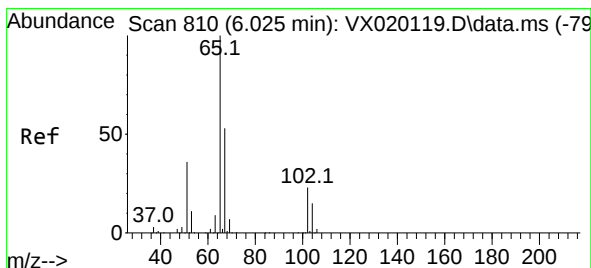
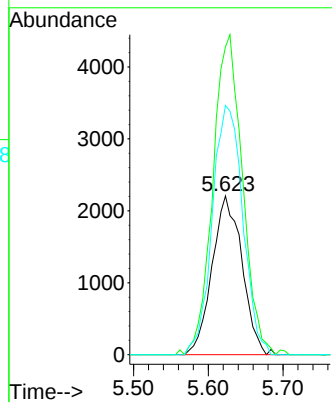
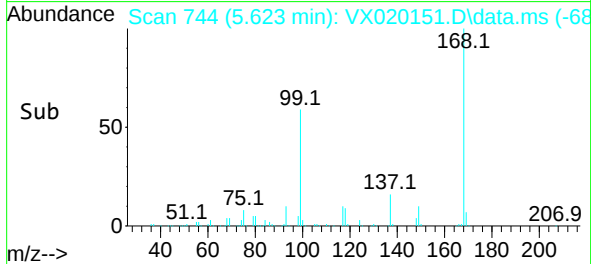


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

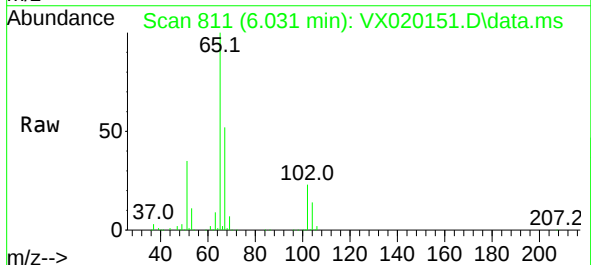
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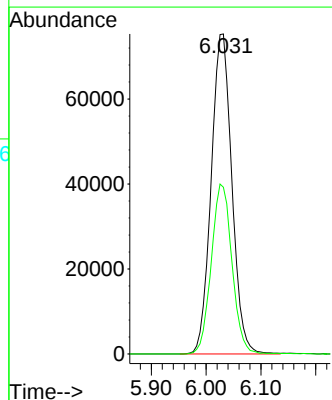
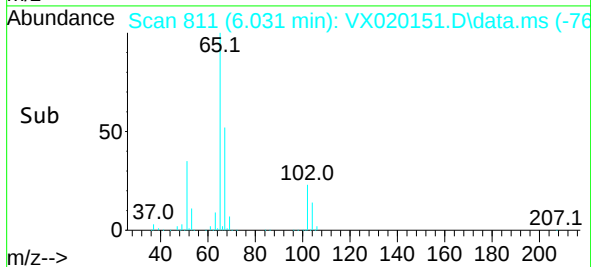
Tgt Ion: 56 Resp: 6146
Ion Ratio Lower Upper
56 100
69 191.0 25.3 37.9#
84 157.1 71.4 107.0#

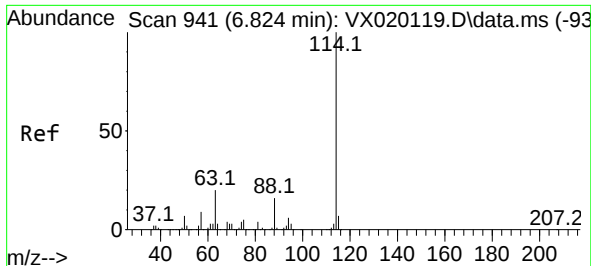


#33
1,2-Dichloroethane-d4
Concen: 47.54 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51



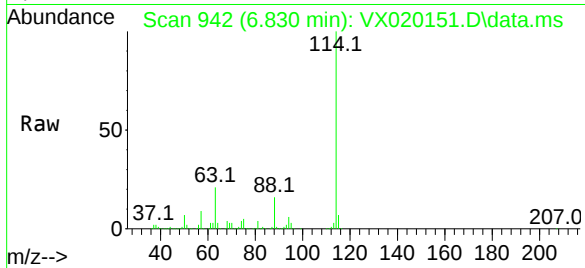
Tgt Ion: 65 Resp: 197347
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



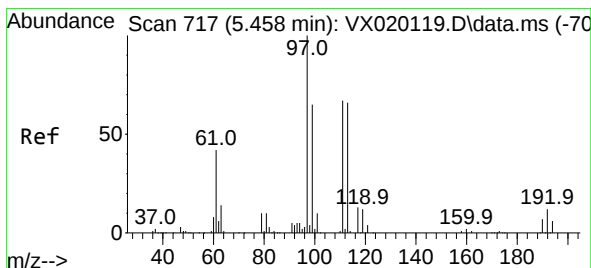
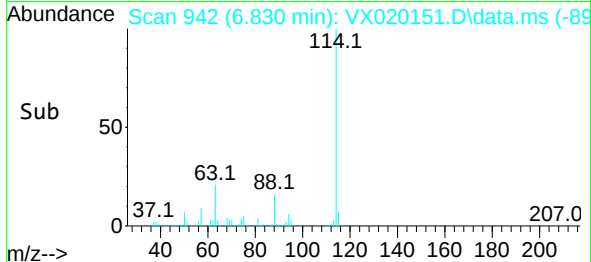
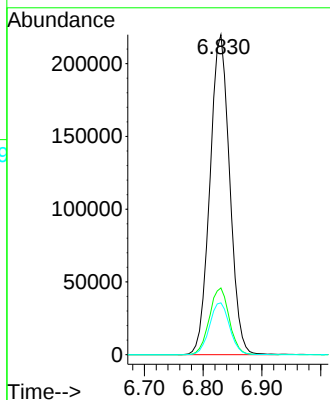


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
WC-12-16-20-RCRA

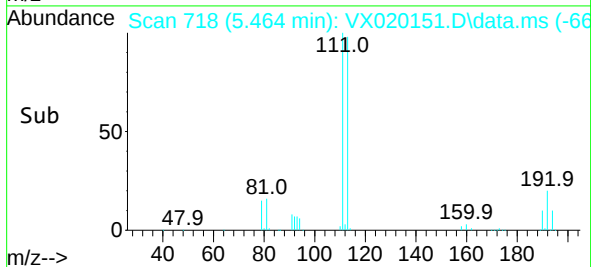
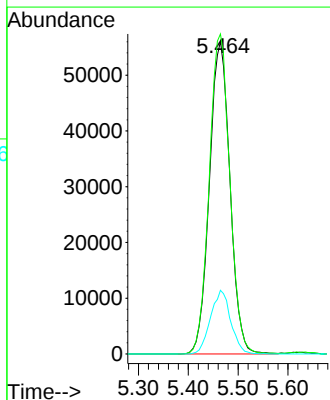
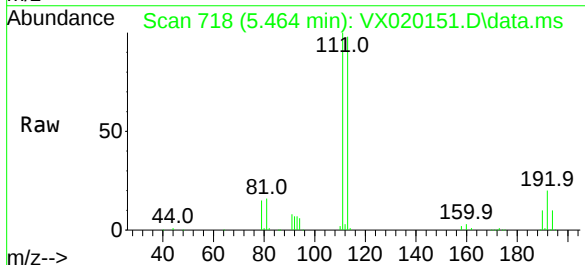


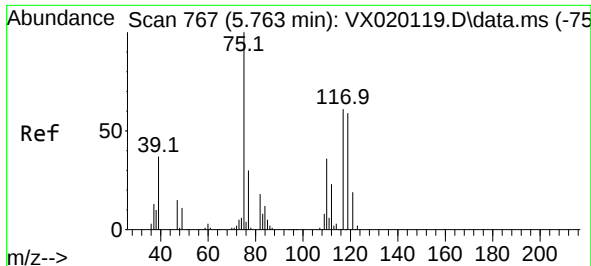
Tgt Ion:114 Resp: 512520
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.87 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

Tgt Ion:113 Resp: 160226
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 20.0 16.7 25.1

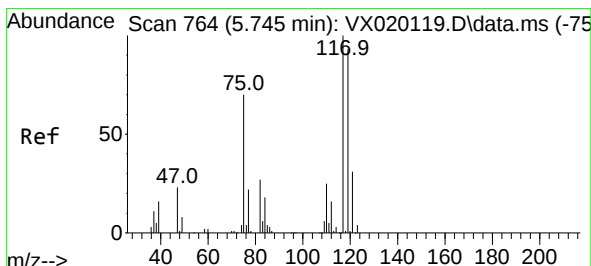
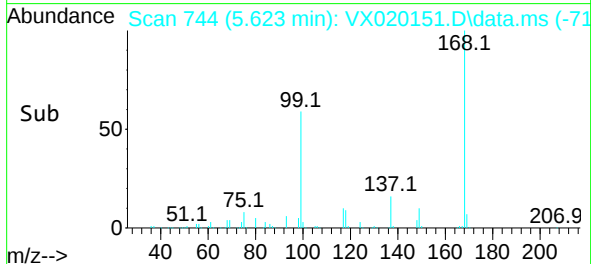
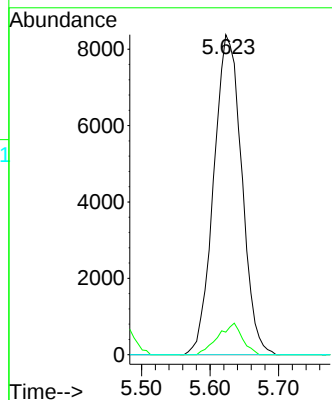
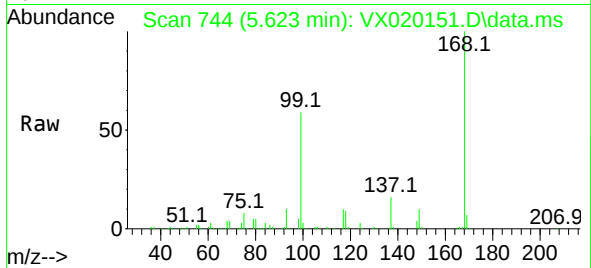




#36
1,1-Dichloropropene
Concen: 4.68 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

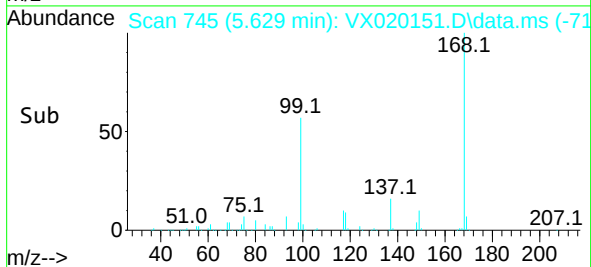
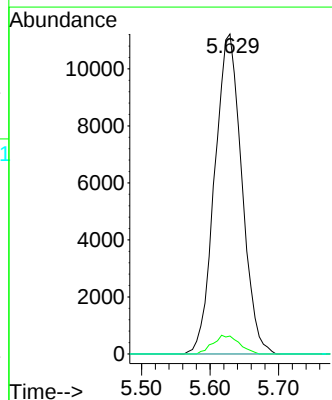
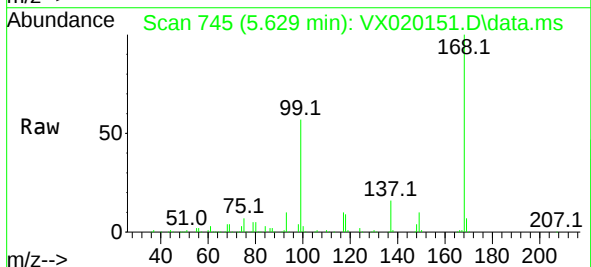
Instrument :
MSVOA_X
ClientSampleId :
WC-12-16-20-RCRA

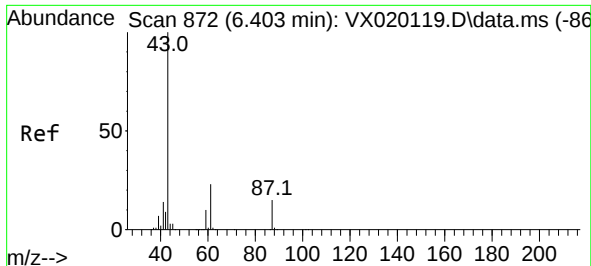
Tgt Ion: 75 Resp: 23729
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.39 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

Tgt Ion: 117 Resp: 30781
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#

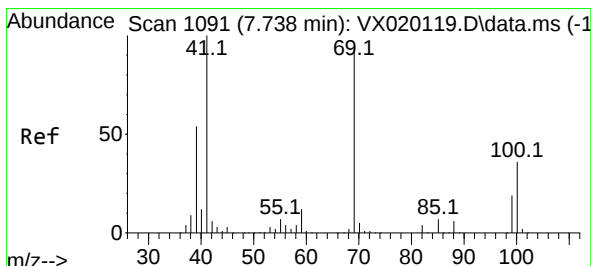
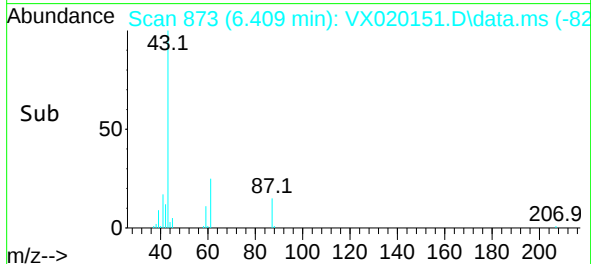
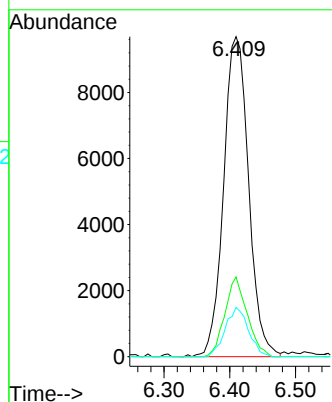
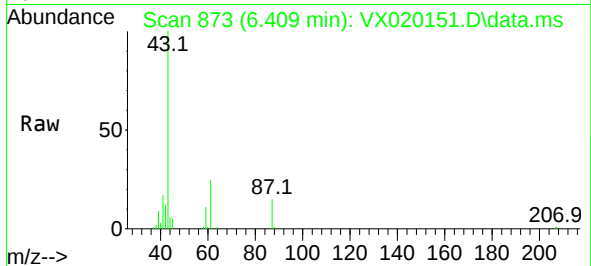




#43
Isopropyl Acetate
Concen: 3.09 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

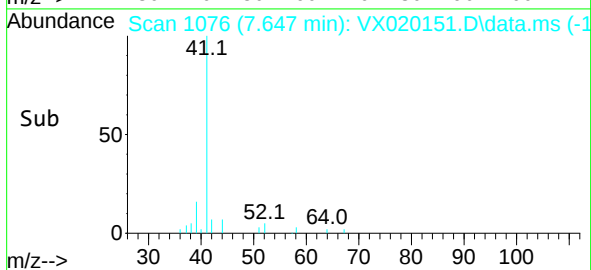
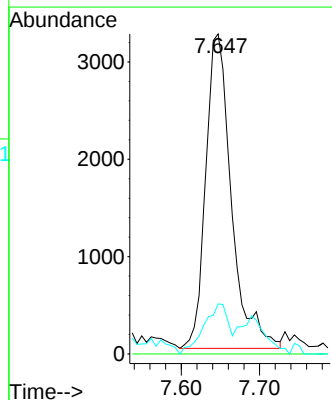
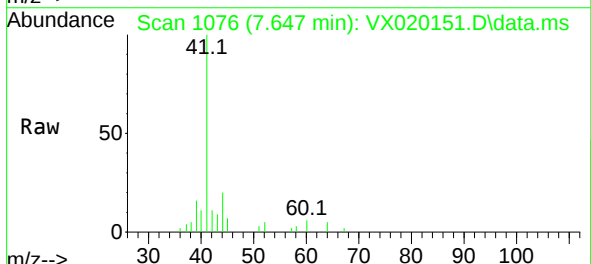
Instrument :
MSVOA_X
ClientSampleId :
WC-12-16-20-RCRA

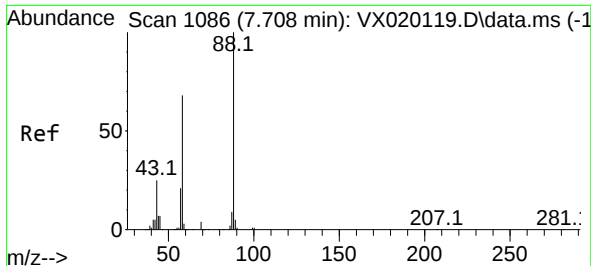
Tgt Ion:	43	Resp:	25646
Ion	Ratio	Lower	Upper
43	100		
61	22.2	18.2	27.4
87	14.3	12.5	18.7



#48
Methyl methacrylate
Concen: 1.81 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.091 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

Tgt Ion:	41	Resp:	7369
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

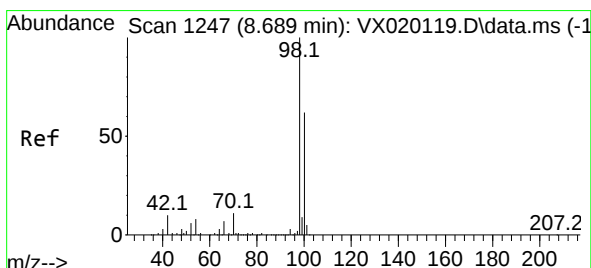
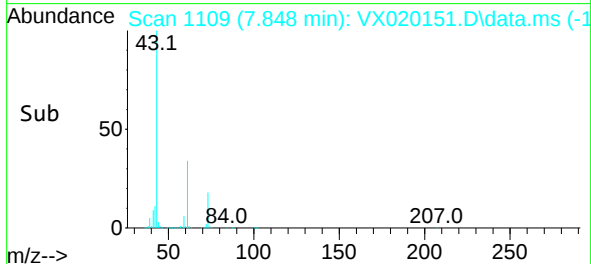
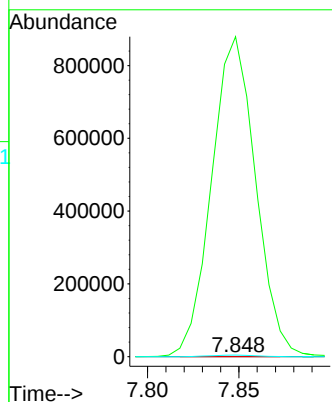
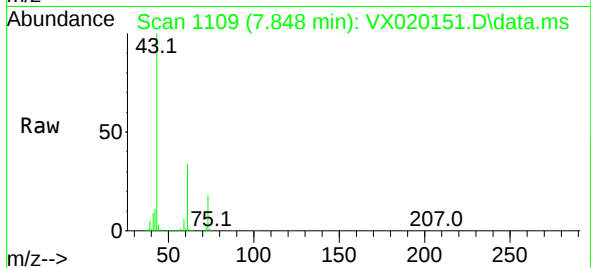




#49
1,4-Dioxane
Concen: 3.56 ug/l
RT: 7.848 min Scan# 1109
Delta R.T. 0.140 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

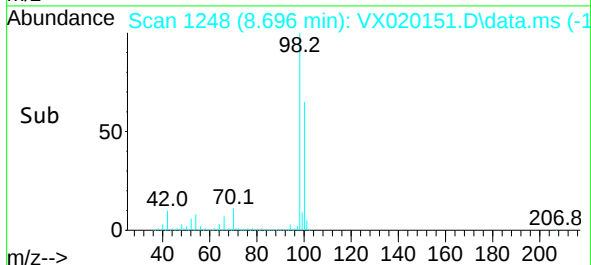
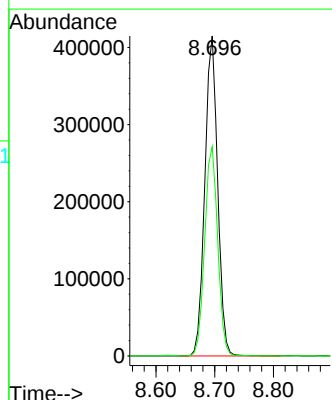
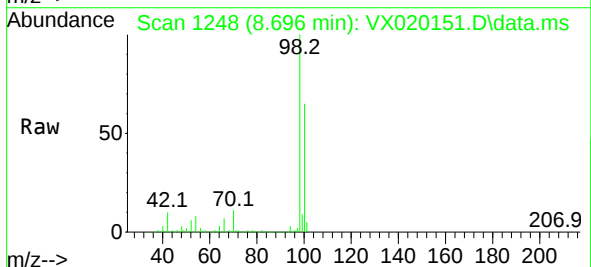
Instrument :
MSVOA_X
ClientSampleId :
WC-12-16-20-RCRA

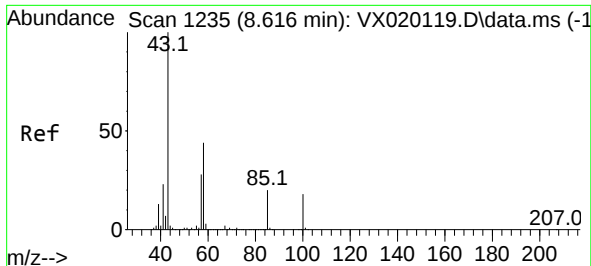
Tgt Ion: 88 Resp: 339
Ion Ratio Lower Upper
88 100
43 437472.9 23.2 34.8#
58 2211.8 55.0 82.4#



#50
Toluene-d8
Concen: 49.77 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

Tgt Ion: 98 Resp: 628071
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9

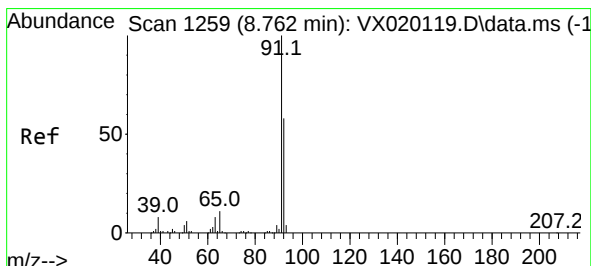
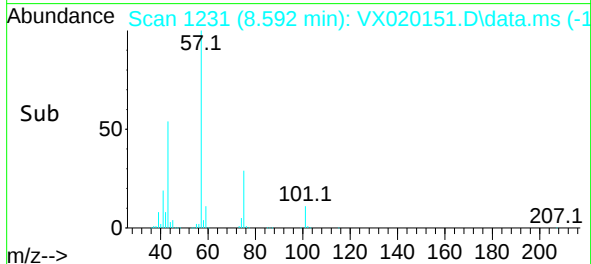
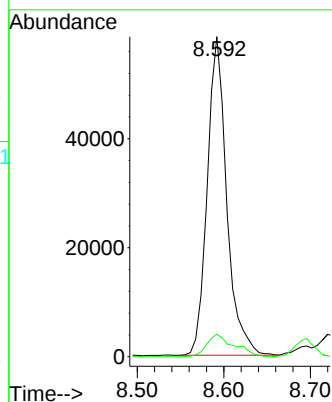
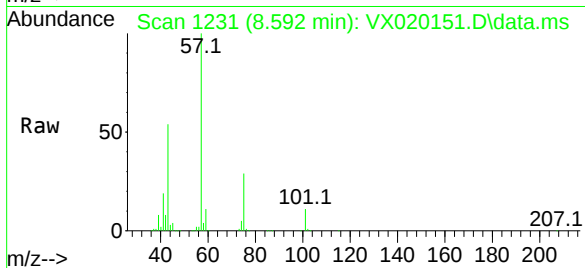




#51
4-Methyl-2-Pentanone
Concen: 17.75 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.024 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

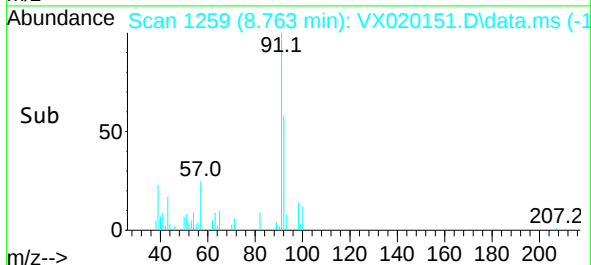
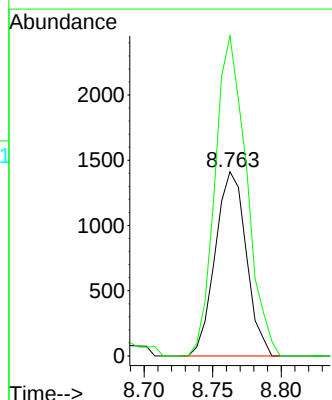
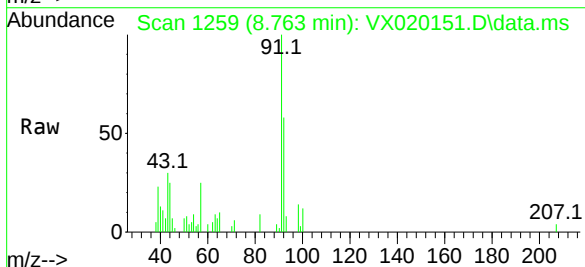
Instrument :
MSVOA_X
ClientSampleId :
WC-12-16-20-RCRA

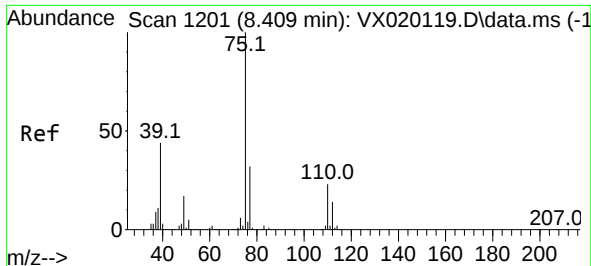
Tgt Ion: 43 Resp: 91312
Ion Ratio Lower Upper
43 100
58 9.8 35.4 53.0#



#52
Toluene
Concen: 0.23 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

Tgt Ion: 92 Resp: 2222
Ion Ratio Lower Upper
92 100
91 176.2 137.1 205.7

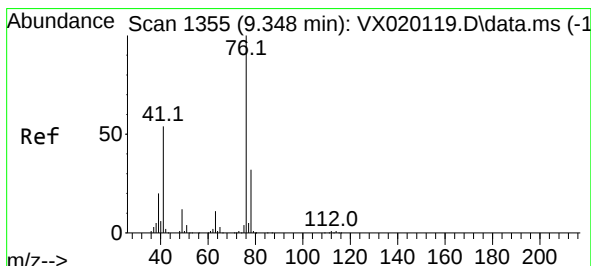
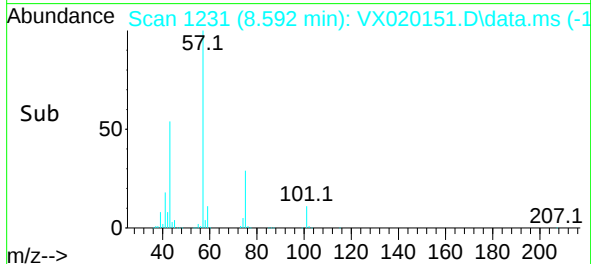
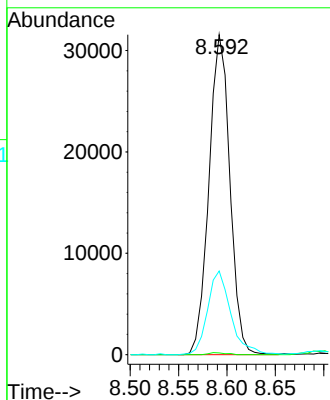
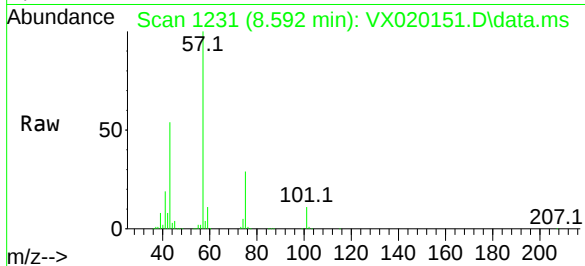




#54
cis-1,3-Dichloropropene
Concen: 7.58 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.183 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

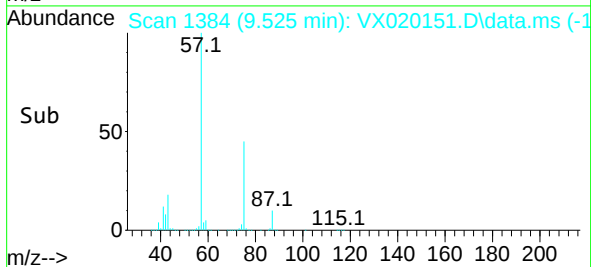
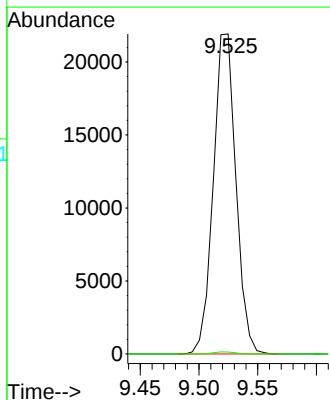
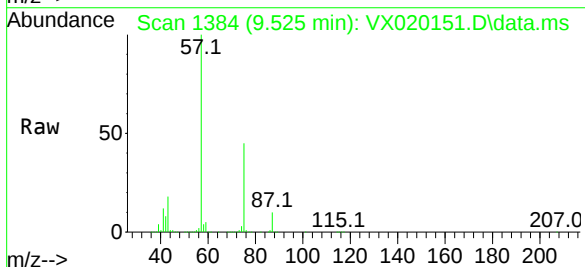
Instrument :
MSVOA_X
ClientSampleId :
WC-12-16-20-RCRA

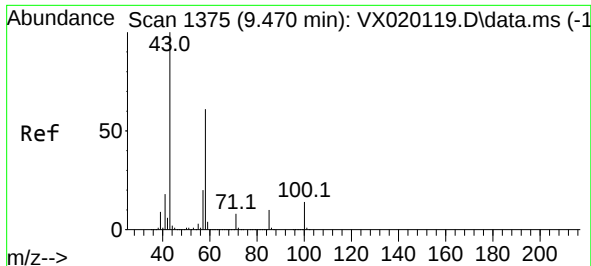
Tgt Ion: 75 Resp: 47582
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 26.2 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 4.35 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.177 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

Tgt Ion: 76 Resp: 29366
Ion Ratio Lower Upper
76 100
78 0.6 26.2 39.2#

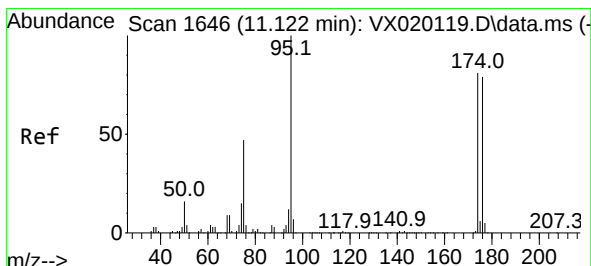
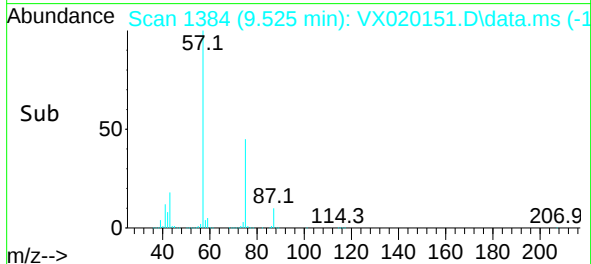
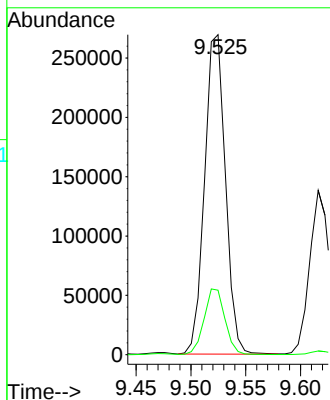
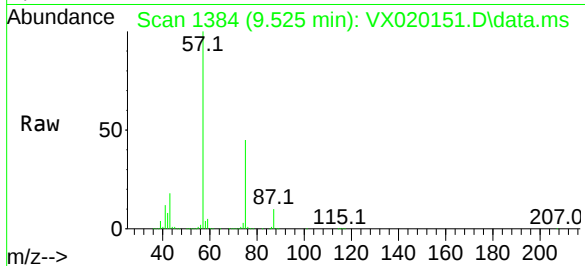




#59
2-Hexanone
Concen: 90.83 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

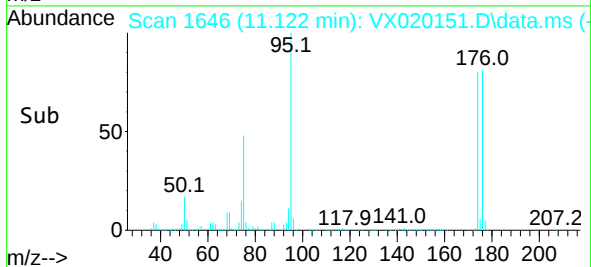
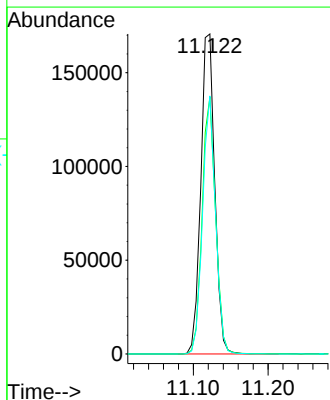
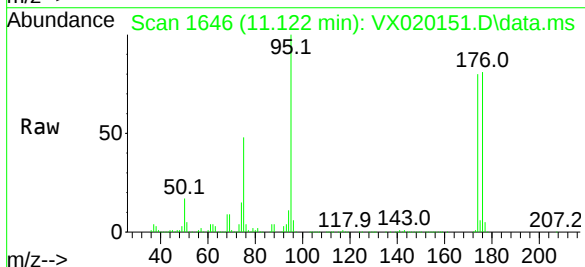
Instrument :
MSVOA_X
ClientSampleId :
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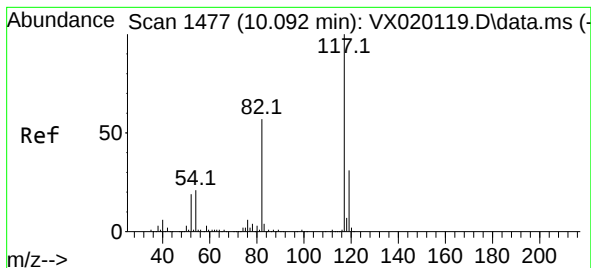
Tgt Ion: 43 Resp: 356103
Ion Ratio Lower Upper
43 100
58 20.6 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 45.86 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

Tgt Ion: 95 Resp: 221511
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 74.6 0.0 155.8

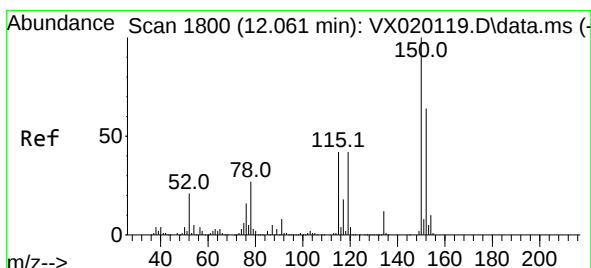
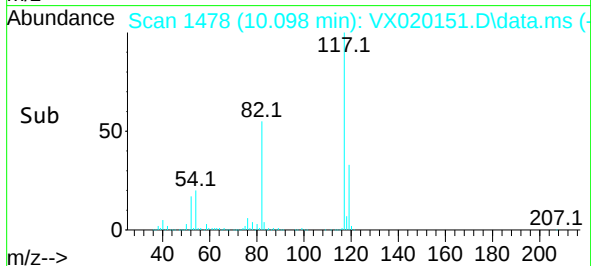
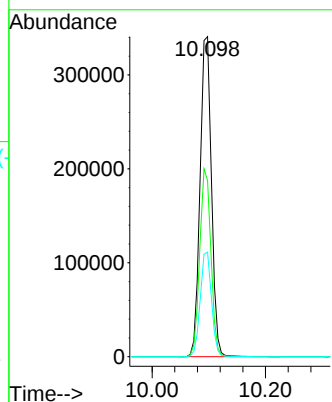
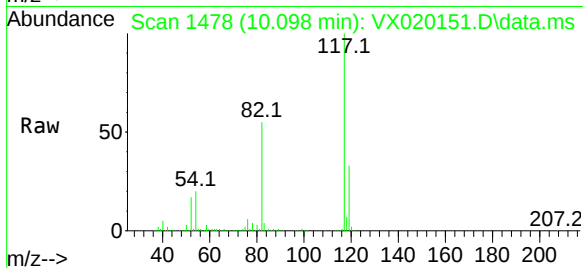




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

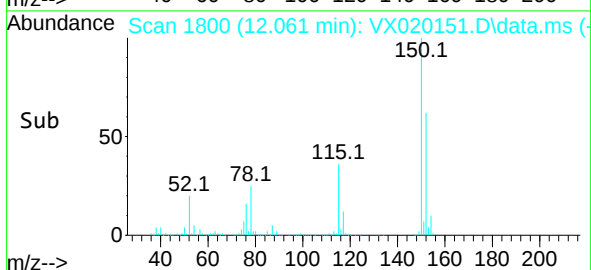
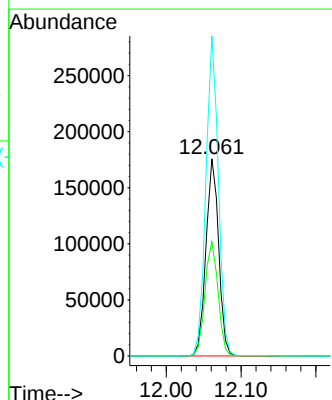
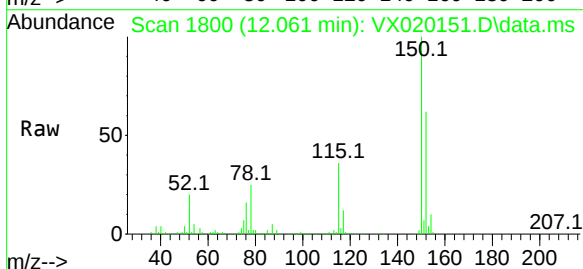
Instrument :
MSVOA_X
ClientSampleId :
WC-12-16-20-RCRA

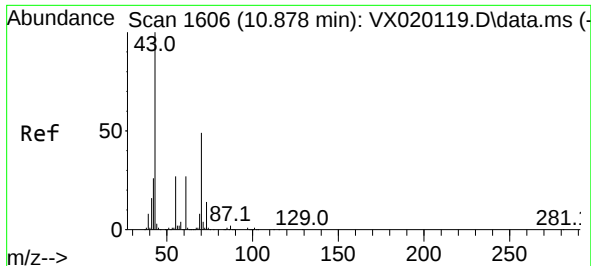
Tgt Ion:117 Resp: 473776
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

Tgt Ion:152 Resp: 207620
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 159.3 0.0 349.0

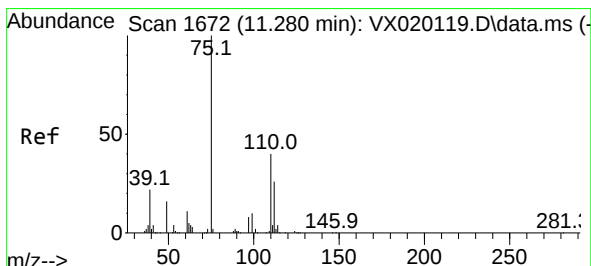
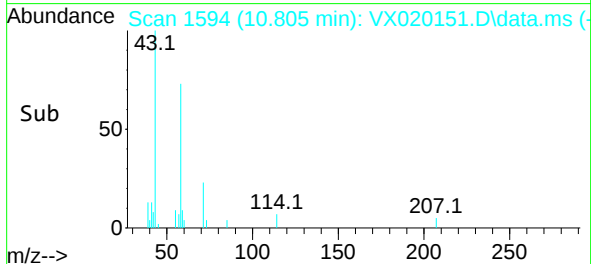
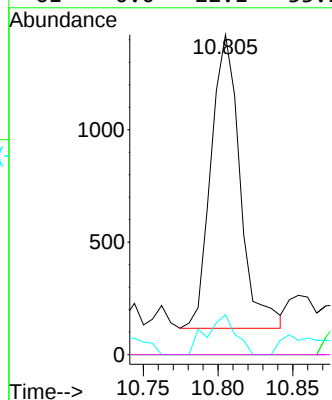
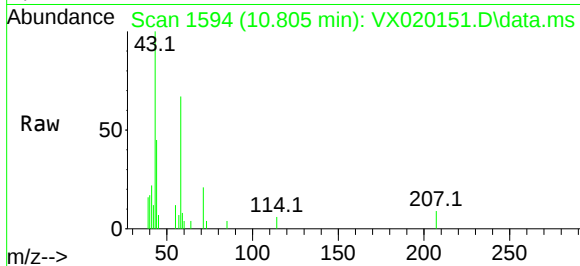




#74
N-amy1 acetate
Concen: 0.29 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.073 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

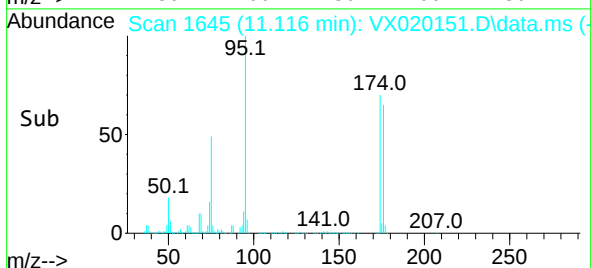
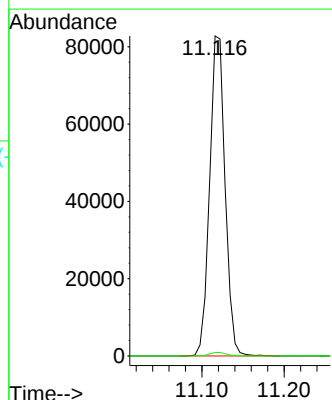
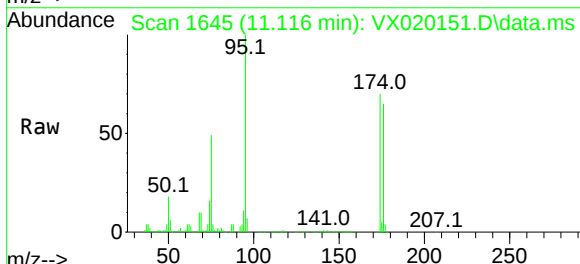
Instrument :
MSVOA_X
ClientSampleId :
WC-12-16-20-RCRA

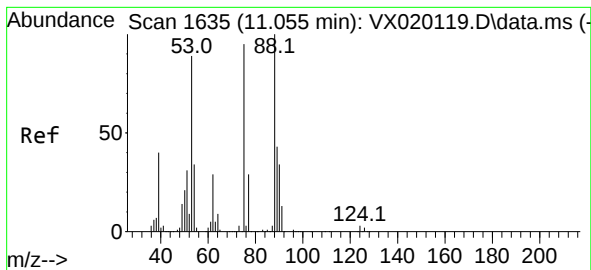
Tgt Ion: 43 Resp: 1768
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 13.7 21.5 32.3#
61 0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 21.16 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

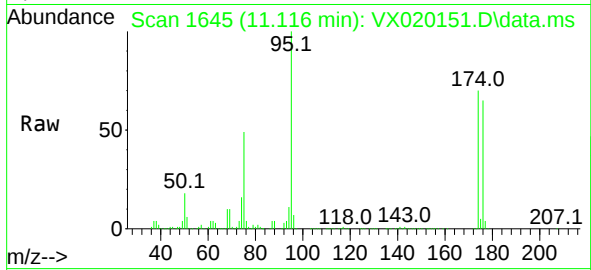
Tgt Ion: 75 Resp: 108212
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.77 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020151.D
Acq: 19 Dec 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.5	111.7#
89	0.0	37.9	56.9#

