

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020153.D
 Acq On : 19 Dec 2020 06:38
 Operator : JC/MD
 Sample : L5053-14DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20201210DL

Quant Time: Dec 21 00:11:53 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)

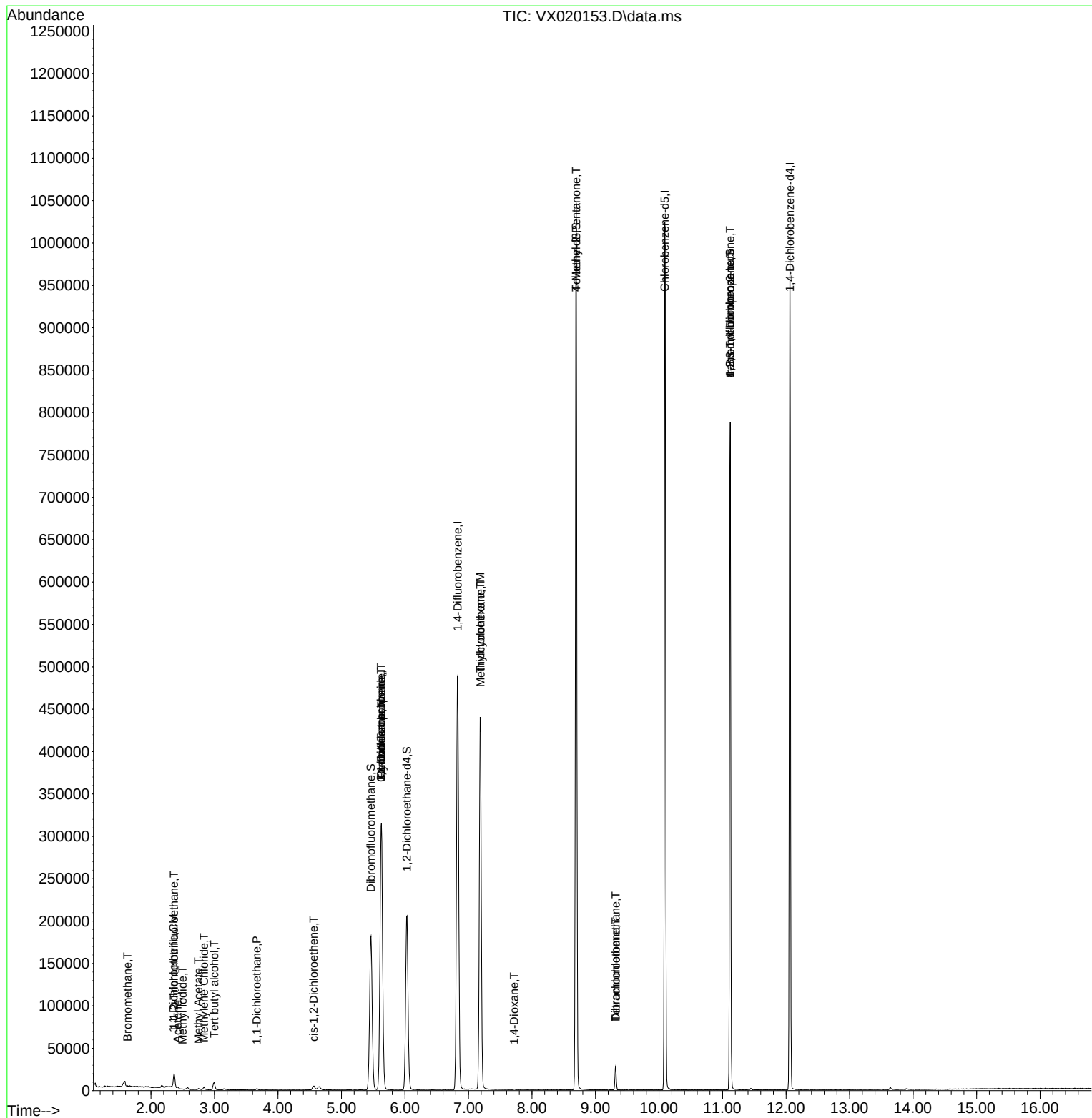
Internal Standards						
1) Pentafluorobenzene	5.629	168	303570	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	508732	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	471423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	203929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	198686	48.83	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.66%		
35) Dibromofluoromethane	5.464	113	160762	49.40	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.80%		
50) Toluene-d8	8.695	98	622528	49.70	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.40%		
62) 4-Bromofluorobenzene	11.122	95	222978	46.51	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.02%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	513	0.38	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.361	101	5609	1.85	ug/l	99
10) Methyl Iodide	2.495	142	96	3.31	ug/l #	42
11) Tert butyl alcohol	2.995	59	5273	5.79	ug/l #	73
12) 1,1-Dichloroethene	2.355	96	1148	0.37	ug/l	92
16) Acetone	2.416	43	1761	0.95	ug/l #	84
18) Methyl Acetate	2.745	43	2522	0.61	ug/l #	71
20) Methylene Chloride	2.837	84	1365	0.33	ug/l #	91
24) 1,1-Dichloroethane	3.666	63	1756	0.27	ug/l #	89
27) cis-1,2-Dichloroethene	4.562	96	3210	0.76	ug/l	83
31) Cyclohexane	5.629	56	6004	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	23643	4.70	ug/l #	48
38) Carbon Tetrachloride	5.623	117	29920	6.26	ug/l #	17
39) Methylcyclohexane	7.190	83	2104	0.36	ug/l #	1
44) Trichloroethene	7.184	130	171361	42.36	ug/l	98
49) 1,4-Dioxane	7.720	88	414	4.38	ug/l #	61
51) 4-Methyl-2-Pentanone	8.695	43	2731	0.53	ug/l #	1
60) Dibromochloromethane	9.317	129	5221	1.34	ug/l #	11
64) Tetrachloroethene	9.317	164	5265	1.48	ug/l	96
76) 1,2,3-Trichloropropane	11.122	75	107497	21.40	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	107497	63.49	ug/l #	12

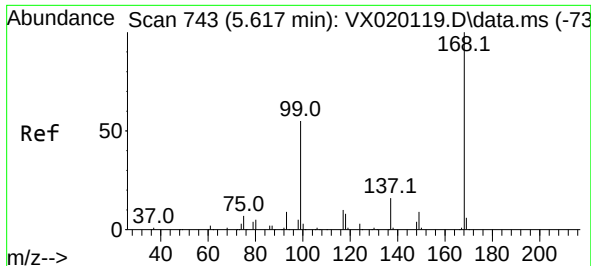
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : L5053-14DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20201210DL

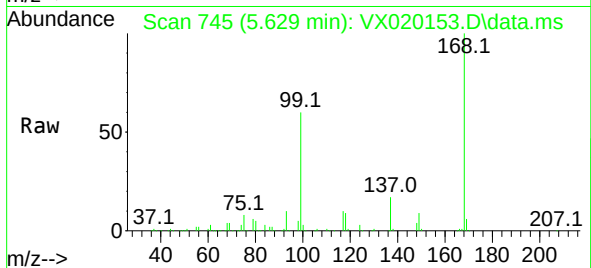
Quant Time: Dec 21 00:11:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



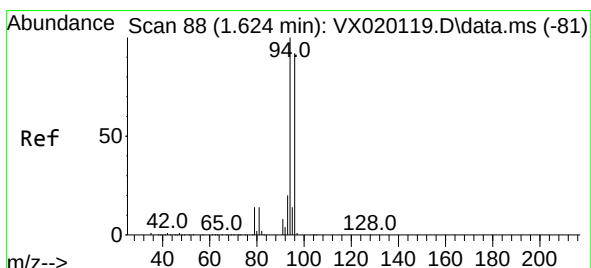
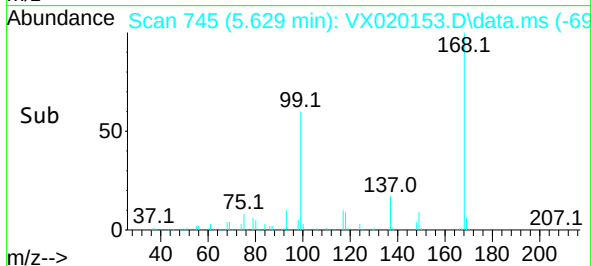
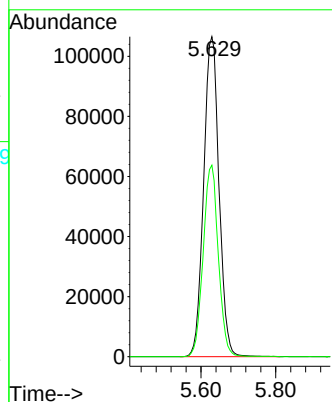


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20201210DL

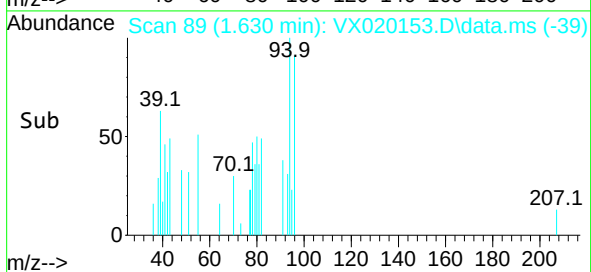
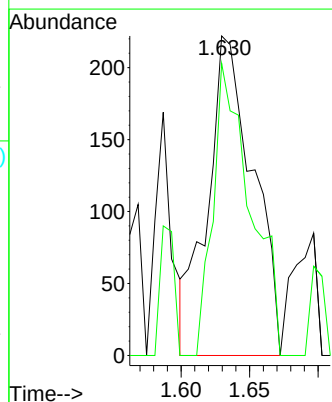
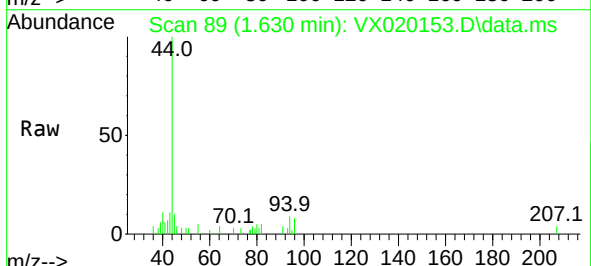


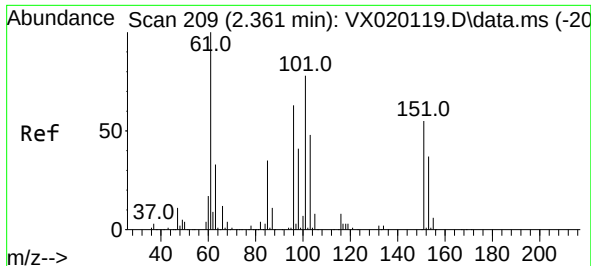
Tgt Ion:168 Resp: 303570
Ion Ratio Lower Upper
168 100
99 59.8 45.8 68.6



#5
Bromomethane
Concen: 0.38 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

Tgt Ion: 94 Resp: 513
Ion Ratio Lower Upper
94 100
96 91.4 76.4 114.6

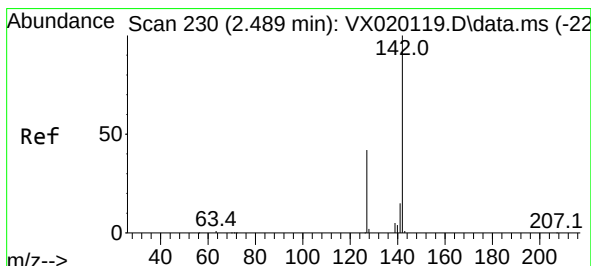
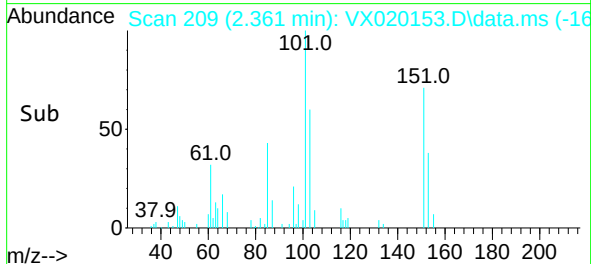
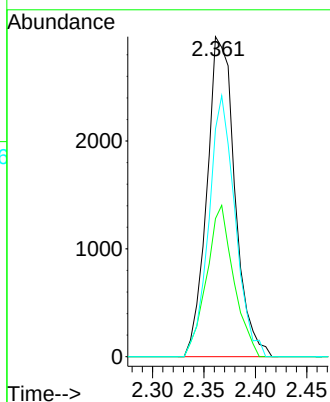
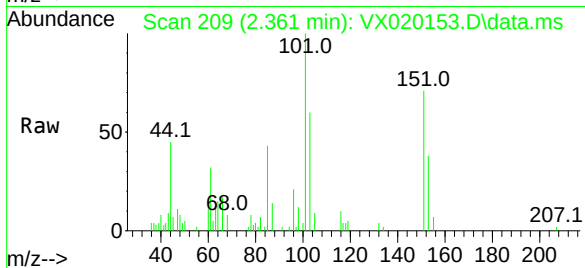




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.85 ug/l
RT: 2.361 min Scan# 209
Delta R.T. 0.000 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

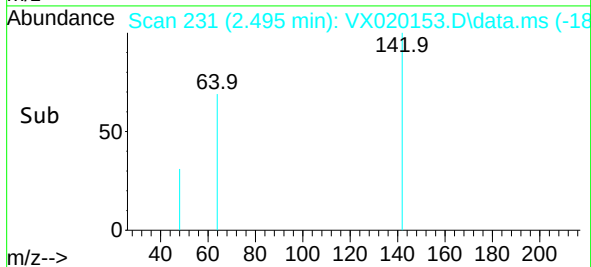
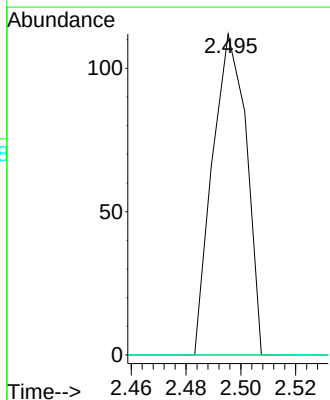
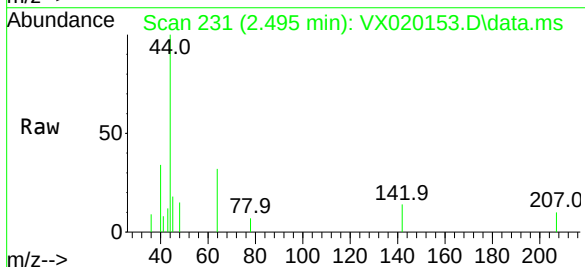
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20201210DL

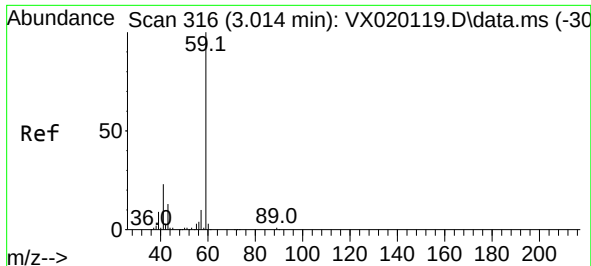
Tgt Ion:101 Resp: 5609
Ion Ratio Lower Upper
101 100
85 45.8 34.9 52.3
151 76.7 61.4 92.2



#10
Methyl Iodide
Concen: 3.31 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

Tgt Ion:142 Resp: 96
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



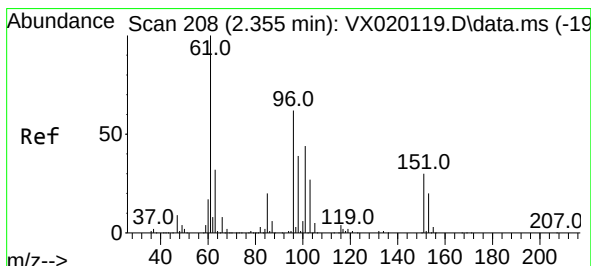
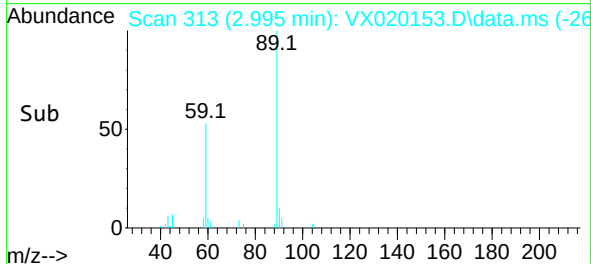
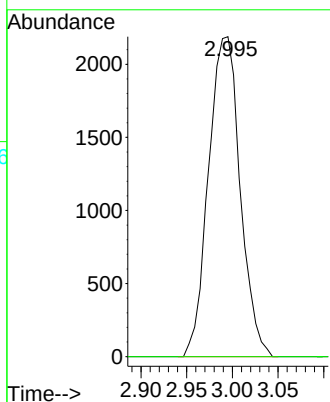
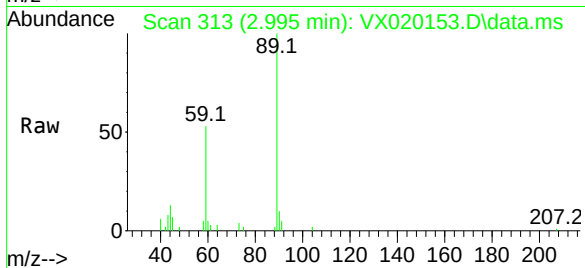


#11

Tert butyl alcohol
Concen: 5.79 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20201210DL

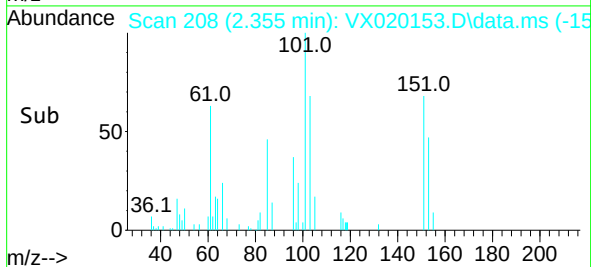
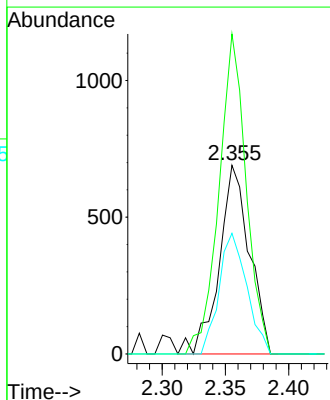
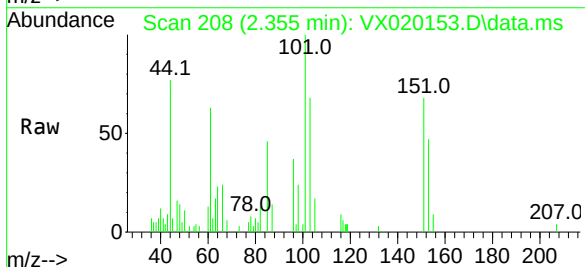
Tgt Ion: 59 Resp: 5273
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

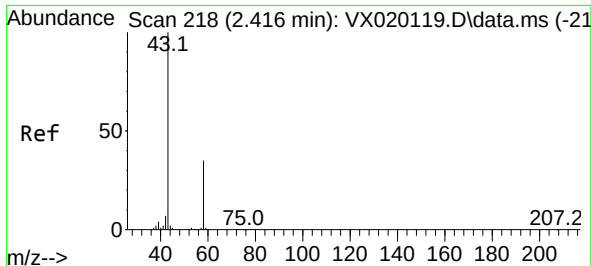


#12

1,1-Dichloroethene
Concen: 0.37 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

Tgt Ion: 96 Resp: 1148
Ion Ratio Lower Upper
96 100
61 169.6 124.6 187.0
98 63.9 50.6 76.0

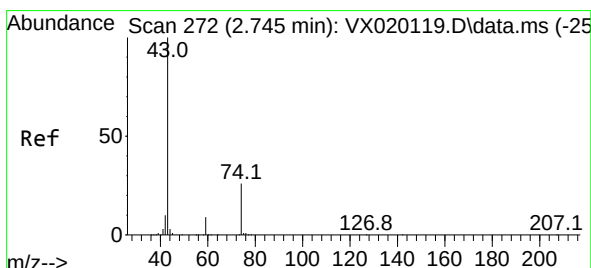
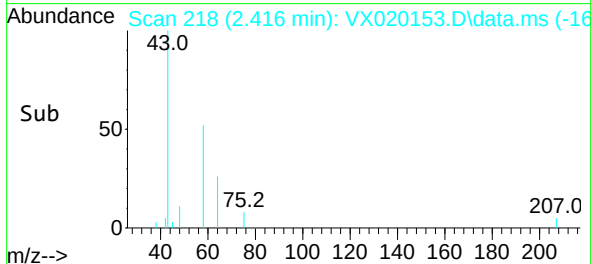
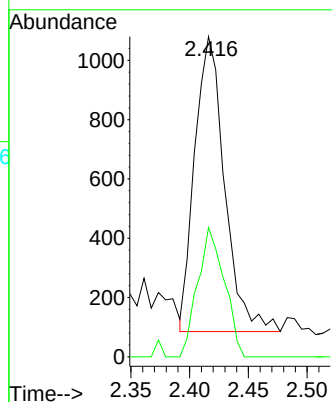
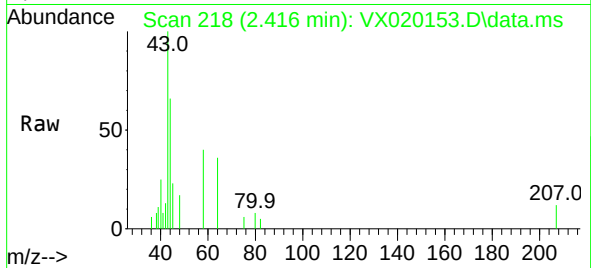




#16
Acetone
Concen: 0.95 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

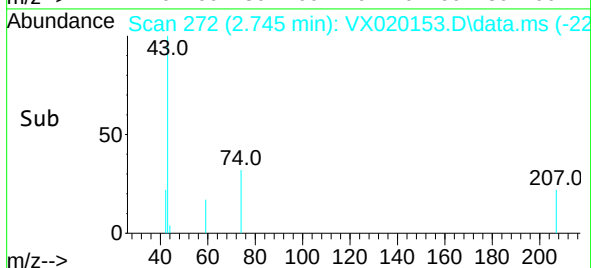
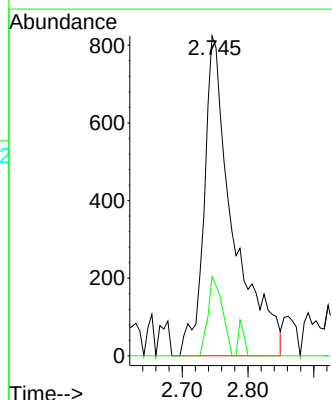
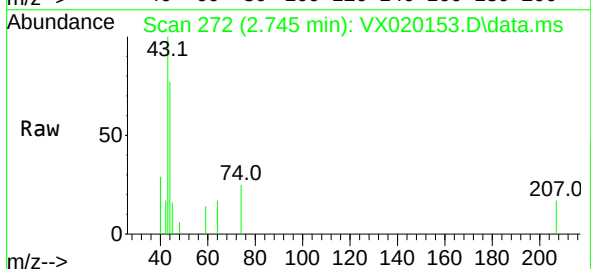
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20201210DL

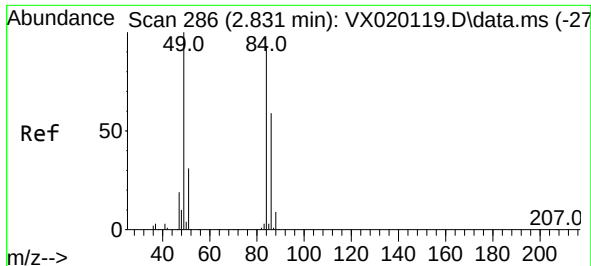
Tgt Ion: 43 Resp: 1761
Ion Ratio Lower Upper
43 100
58 43.8 27.8 41.8#



#18
Methyl Acetate
Concen: 0.61 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

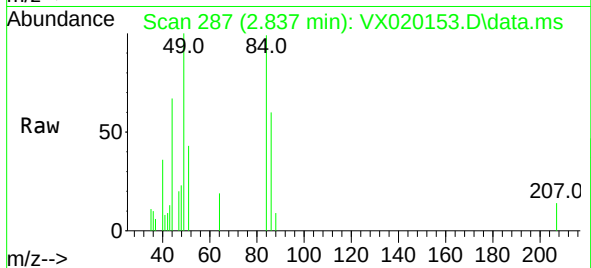
Tgt Ion: 43 Resp: 2522
Ion Ratio Lower Upper
43 100
74 12.3 21.9 32.9#



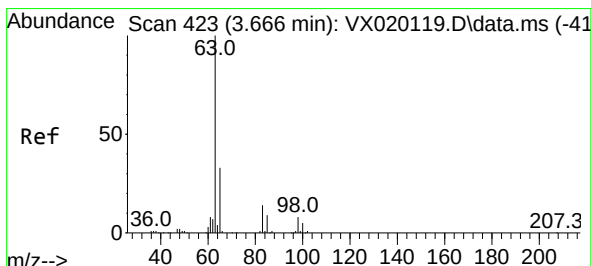
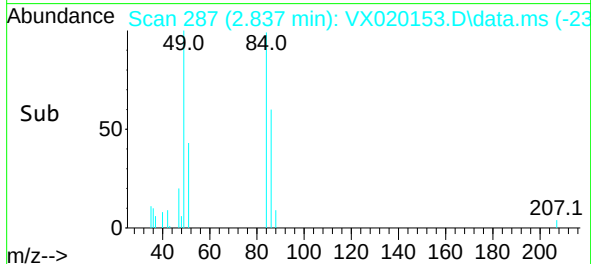
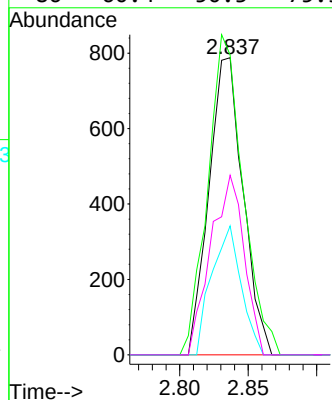


#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20201210DL

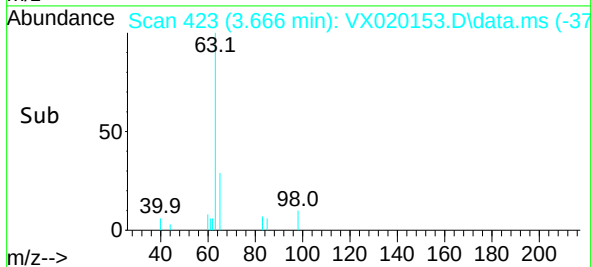
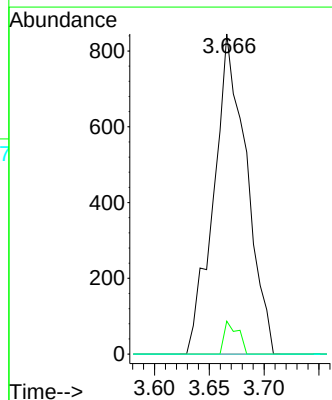
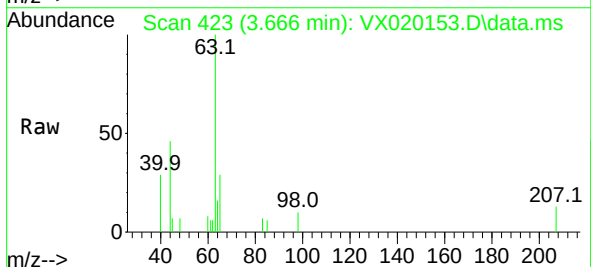


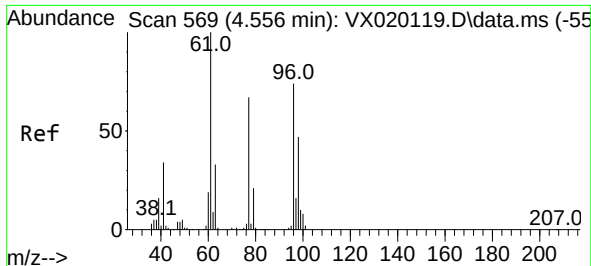
Tgt Ion:	84	Resp:	1365
Ion	Ratio	Lower	Upper
84	100		
49	100.9	88.6	132.8
51	43.4	27.0	40.6#
86	60.4	50.3	75.5



#24
1,1-Dichloroethane
Concen: 0.27 ug/l
RT: 3.666 min Scan# 423
Delta R.T. -0.000 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

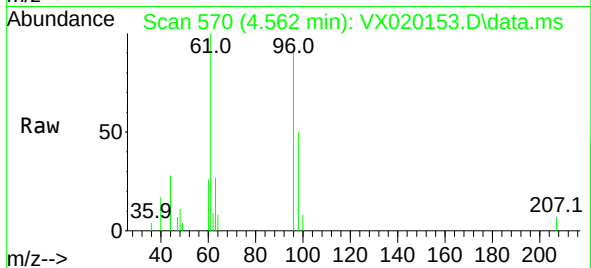
Tgt Ion:	63	Resp:	1756
Ion	Ratio	Lower	Upper
63	100		
98	10.3	3.8	11.2
100	0.0	2.5	7.5#



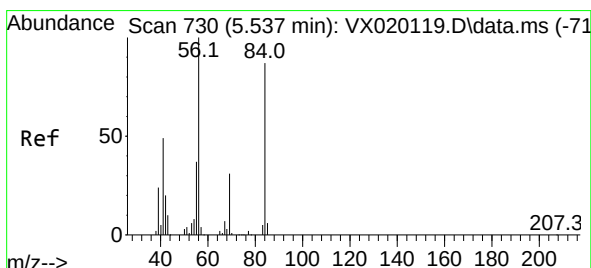
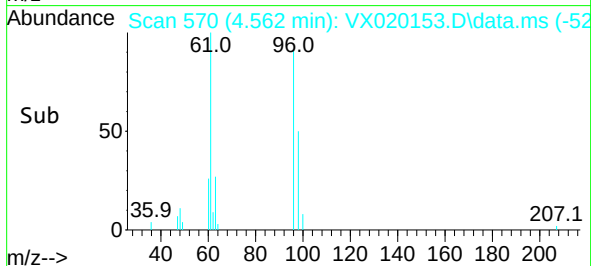
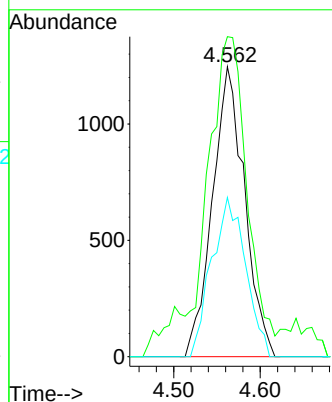


#27
 cis-1,2-Dichloroethene
 Concen: 0.76 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VX020153.D
 Acq: 19 Dec 2020 06:38

Instrument :
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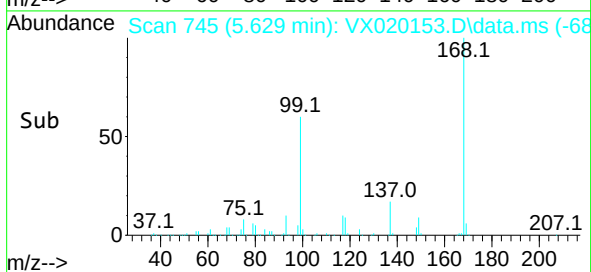
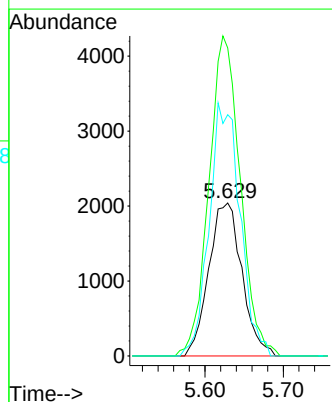
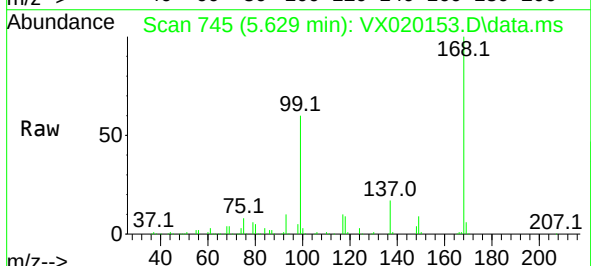


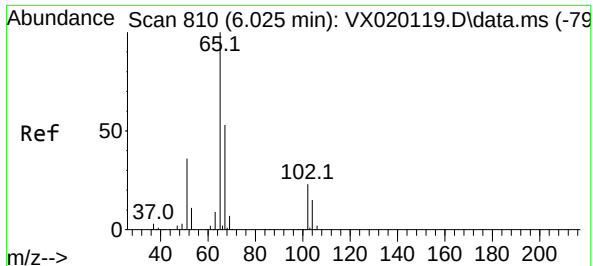
Tgt Ion:	96	Resp:	3210
Ion	Ratio	Lower	Upper
96	100		
61	117.2	0.0	285.6
98	58.1	0.0	129.6



#31
 Cyclohexane
 Concen: 1.07 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.092 min
 Lab File: VX020153.D
 Acq: 19 Dec 2020 06:38

Tgt Ion:	56	Resp:	6004
Ion	Ratio	Lower	Upper
56	100		
69	201.2	25.3	37.9#
84	157.7	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.83 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020153.D

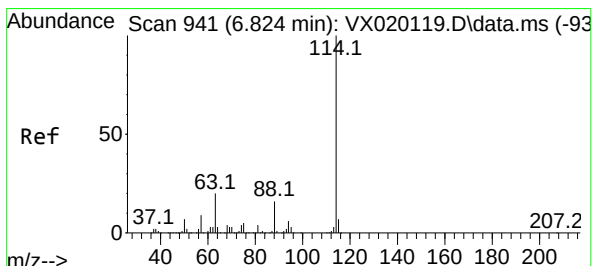
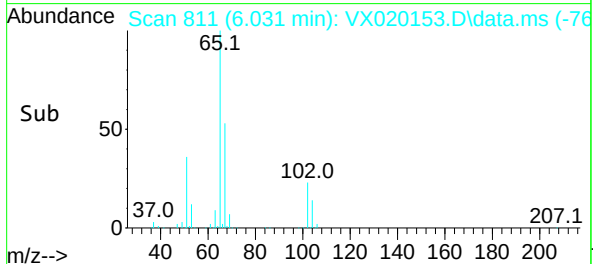
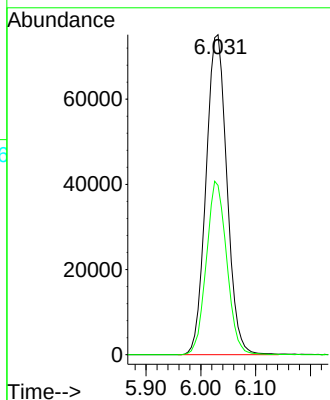
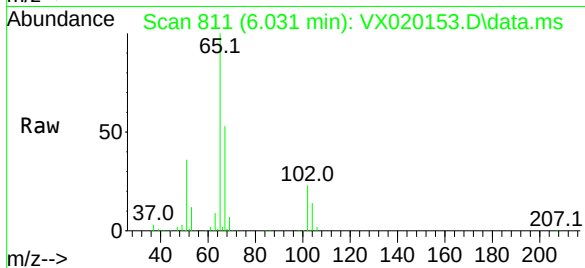
Acq: 19 Dec 2020 06:38

Tgt Ion: 65 Resp: 198686

Ion Ratio Lower Upper

65 100

67 52.9 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: VX020153.D

Acq: 19 Dec 2020 06:38

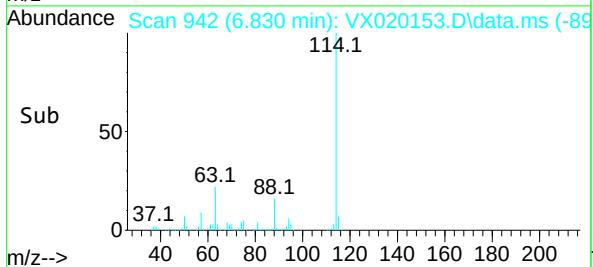
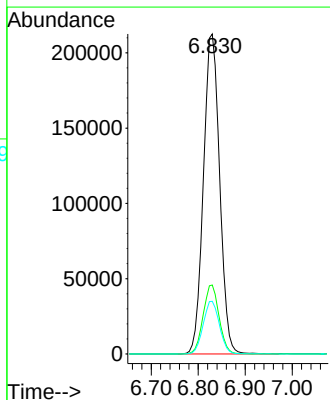
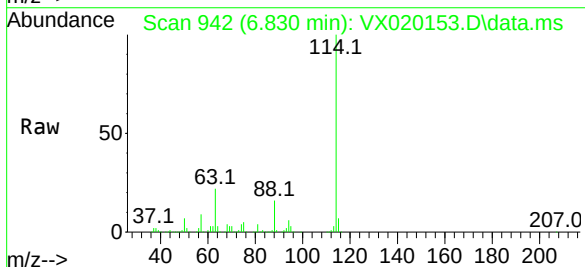
Tgt Ion: 114 Resp: 508732

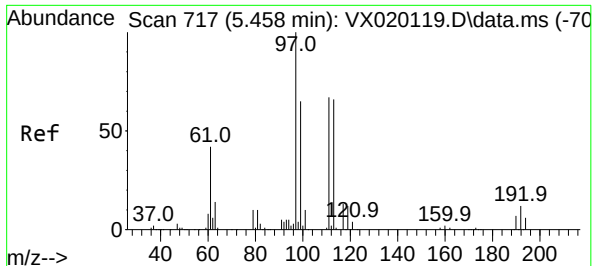
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.8

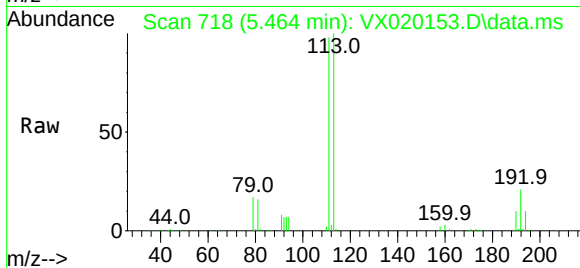
88 16.5 0.0 32.8



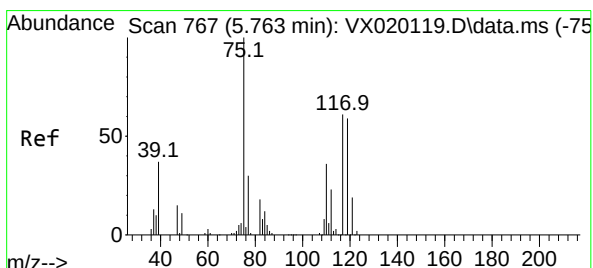
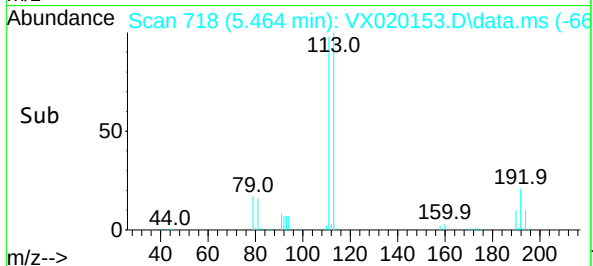
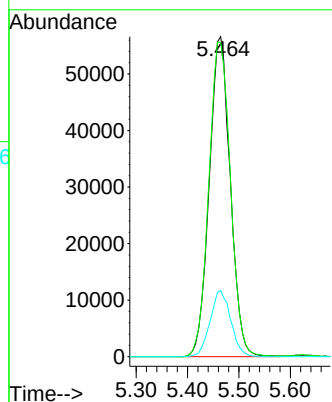


#35
Dibromofluoromethane
Concen: 49.40 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20201210DL

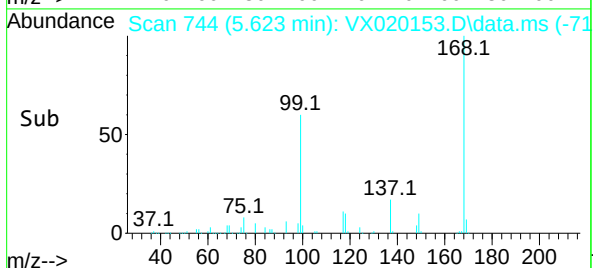
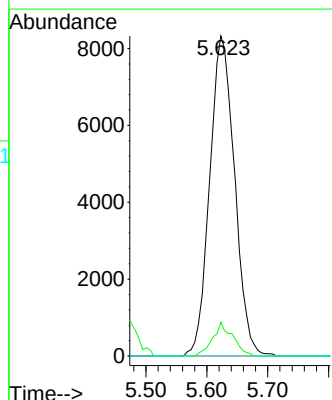
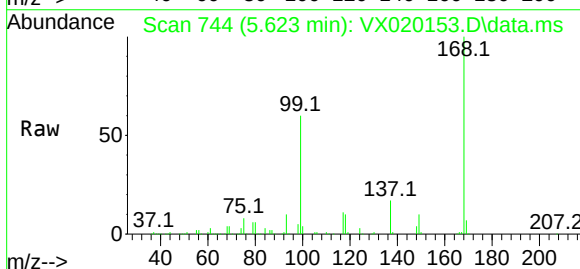


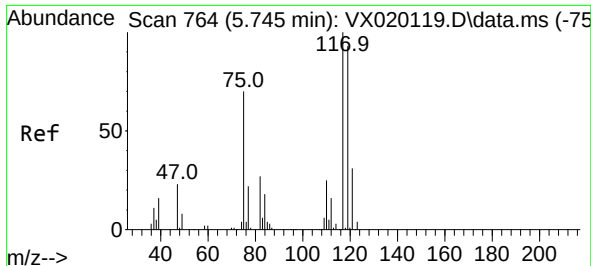
Tgt Ion:113 Resp: 160762
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 20.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

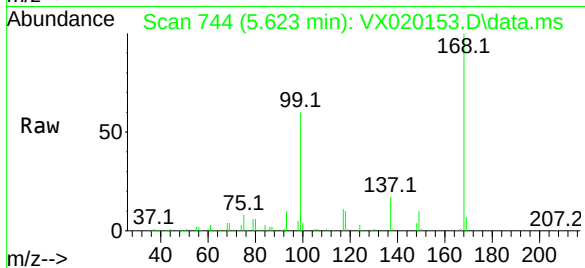
Tgt Ion: 75 Resp: 23643
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



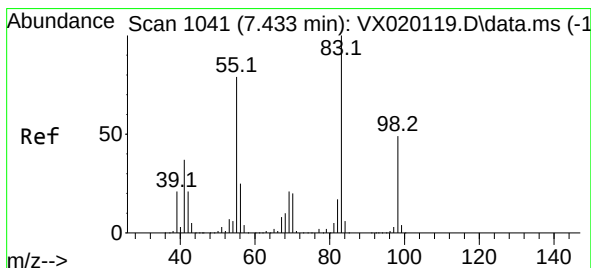
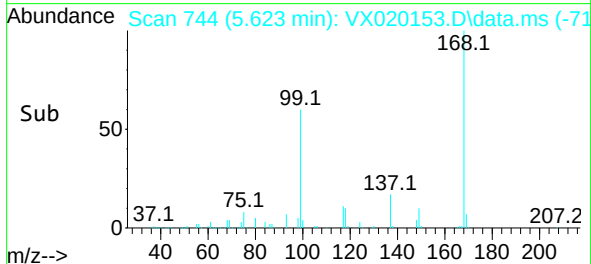
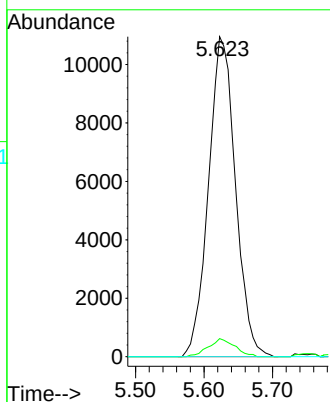


#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

Instrument :
MSVOA_X
ClientSampleId :
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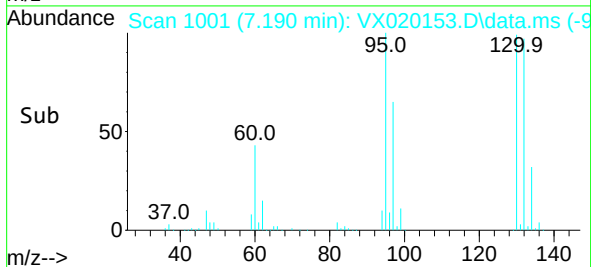
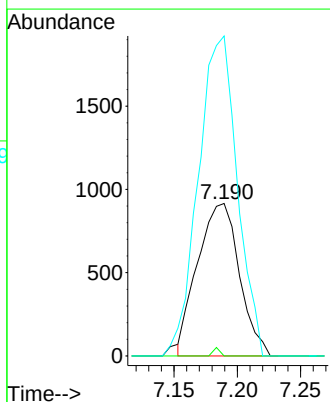
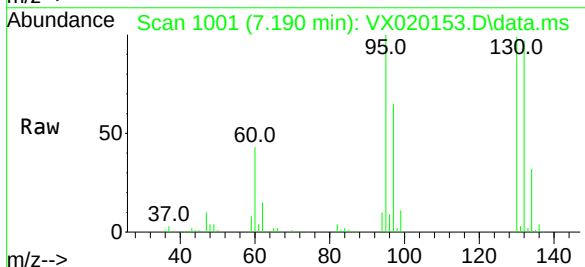


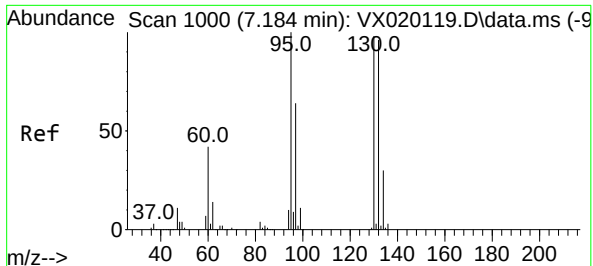
Tgt Ion:117 Resp: 29920
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.36 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. -0.243 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

Tgt Ion: 83 Resp: 2104
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 209.8 38.1 57.1#

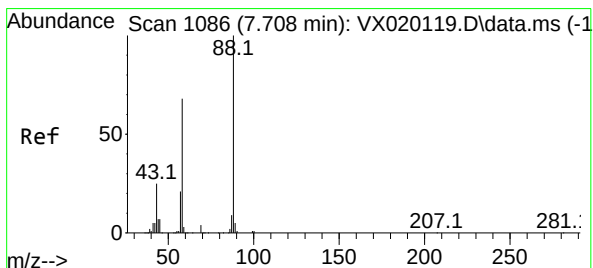
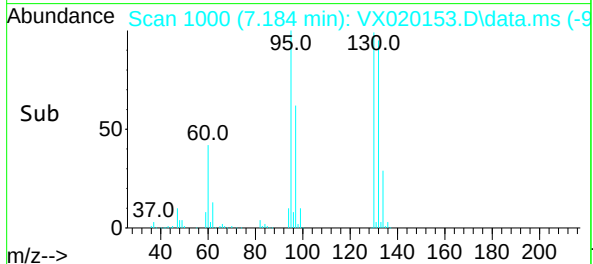
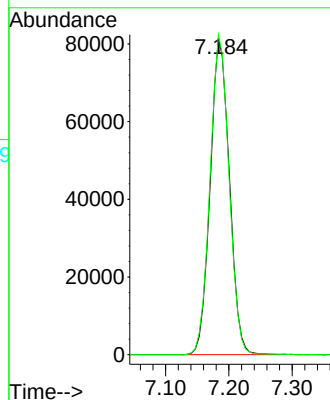
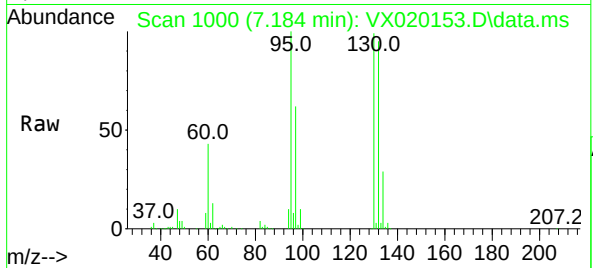




#44
Trichloroethene
Concen: 42.36 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

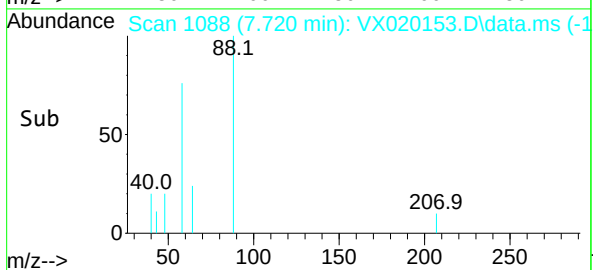
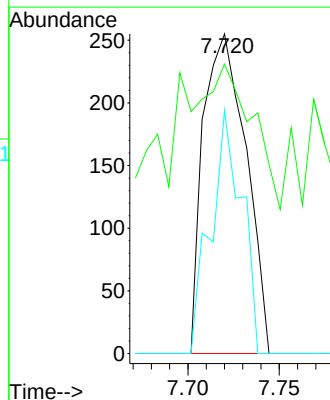
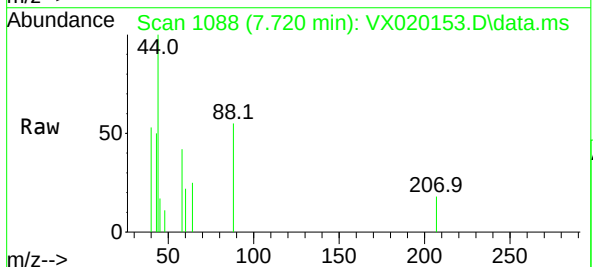
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20201210DL

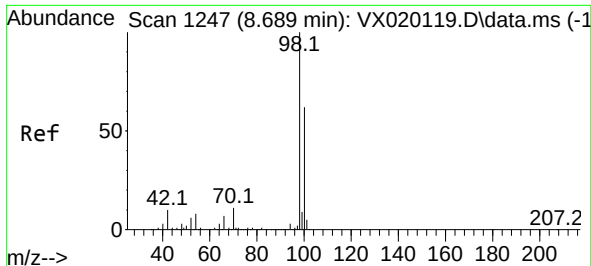
Tgt Ion:130 Resp: 171361
Ion Ratio Lower Upper
130 100
95 100.9 0.0 198.0



#49
1,4-Dioxane
Concen: 4.38 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.012 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

Tgt Ion: 88 Resp: 414
Ion Ratio Lower Upper
88 100
43 78.5 23.2 34.8#
58 55.6 55.0 82.4

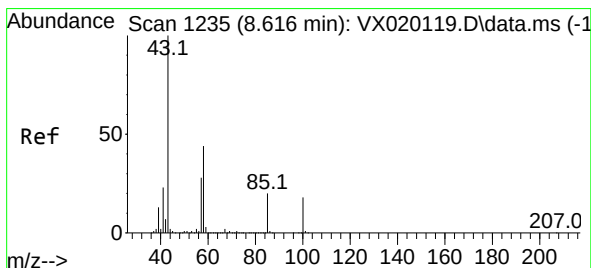
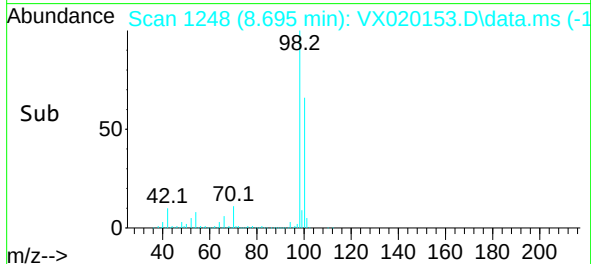
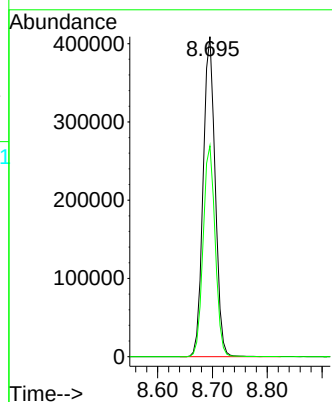
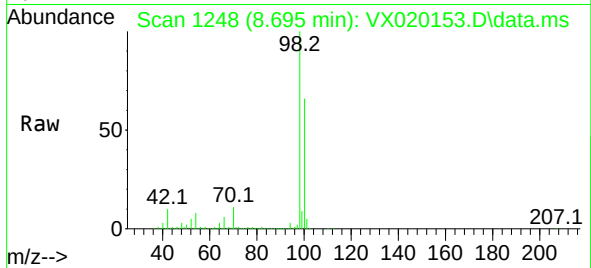




#50
Toluene-d8
Concen: 49.70 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

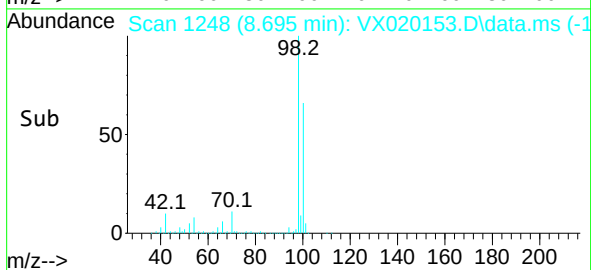
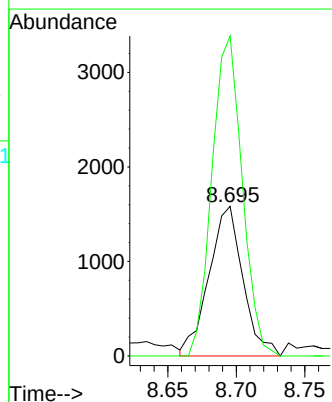
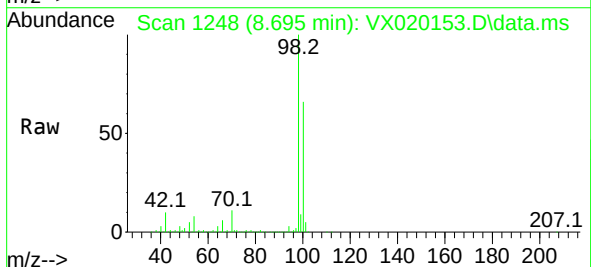
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20201210DL

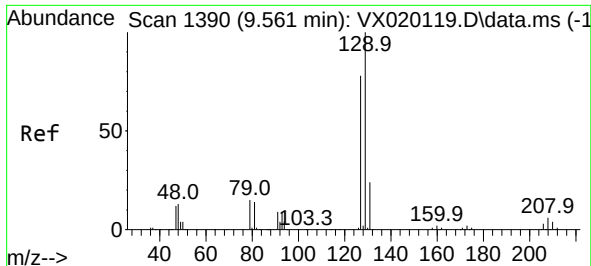
Tgt Ion: 98 Resp: 622528
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.53 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.079 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

Tgt Ion: 43 Resp: 2731
Ion Ratio Lower Upper
43 100
58 190.1 35.4 53.0#

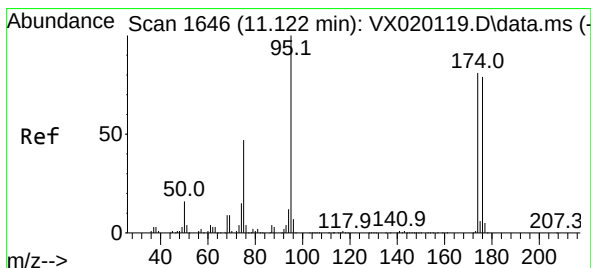
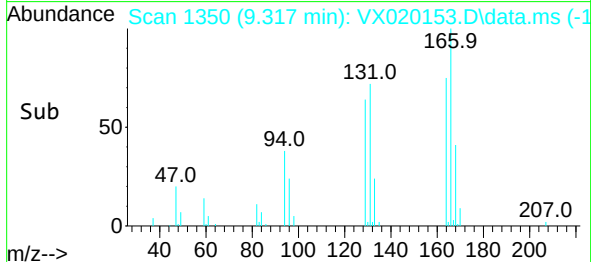
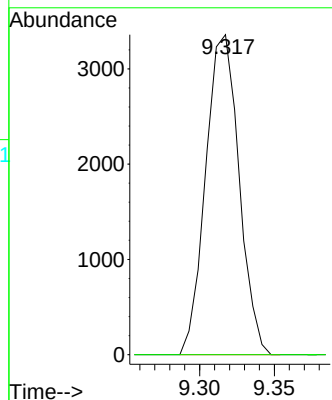
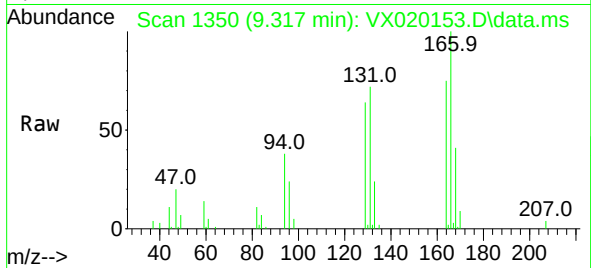




#60
Dibromochloromethane
Concen: 1.34 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

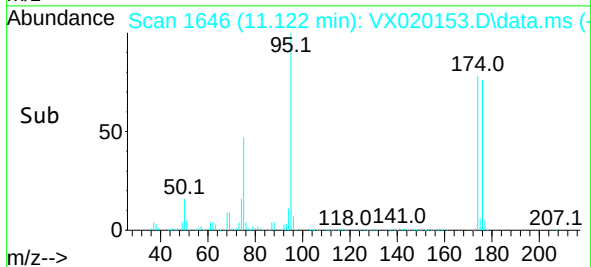
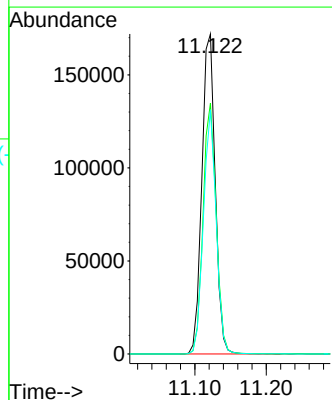
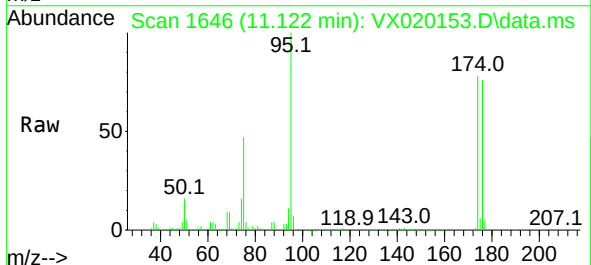
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20201210DL

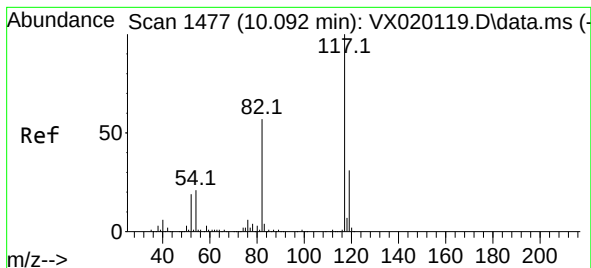
Tgt Ion:129 Resp: 5221
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.51 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

Tgt Ion: 95 Resp: 222978
Ion Ratio Lower Upper
95 100
174 77.4 0.0 154.6
176 73.0 0.0 155.8

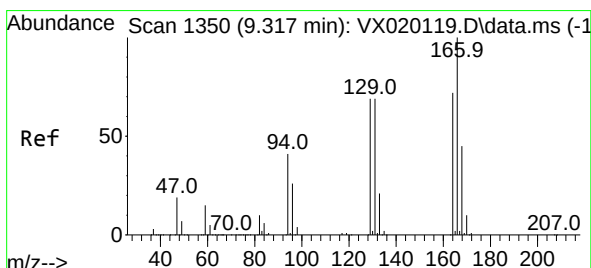
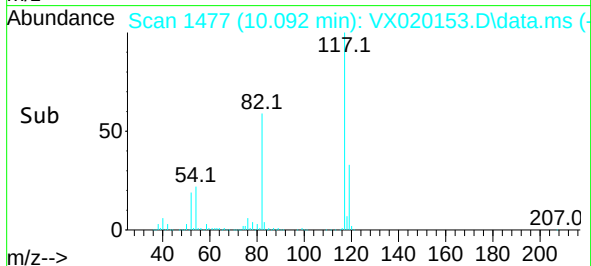
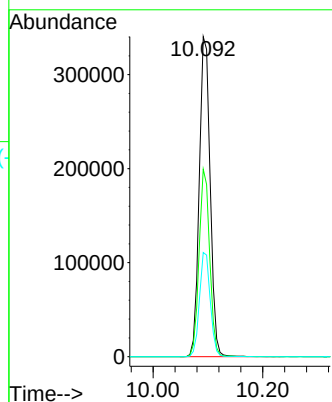
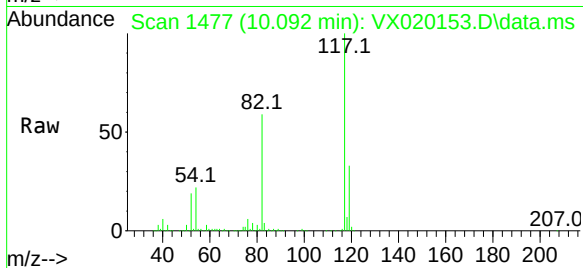




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

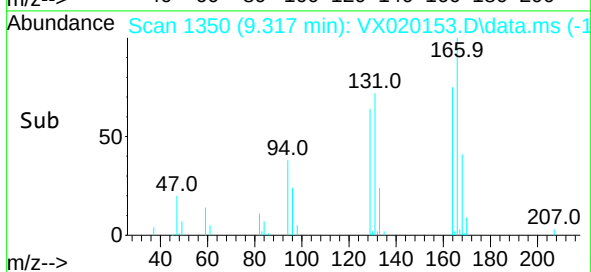
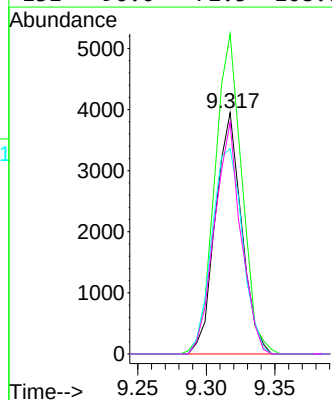
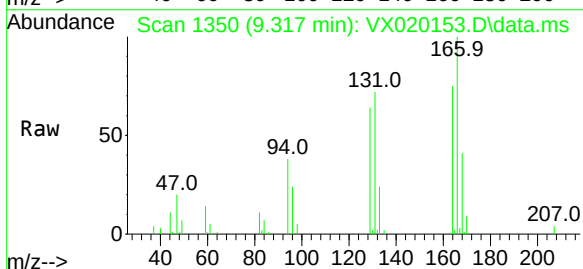
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20201210DL

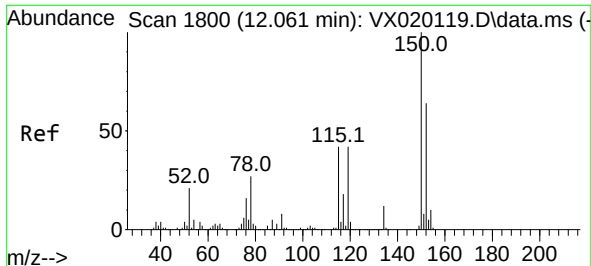
Tgt Ion:117 Resp: 471423
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 32.6 26.6 39.8



#64
Tetrachloroethene
Concen: 1.48 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

Tgt Ion:164 Resp: 5265
Ion Ratio Lower Upper
164 100
166 132.6 103.4 155.2
129 85.0 70.8 106.2
131 96.0 72.5 108.7

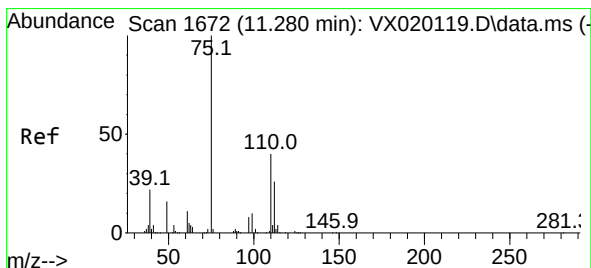
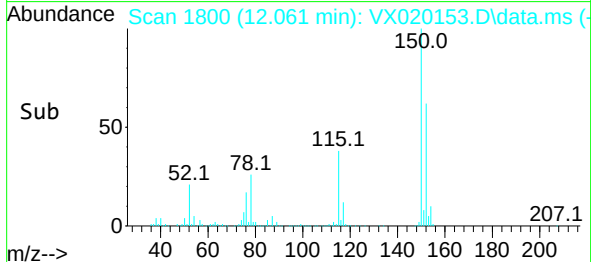
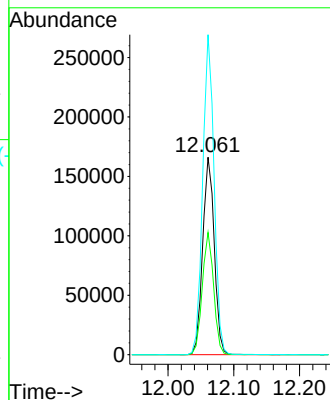
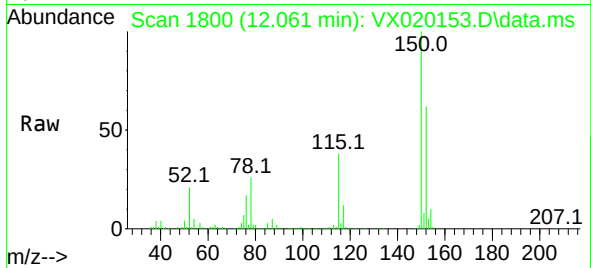




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

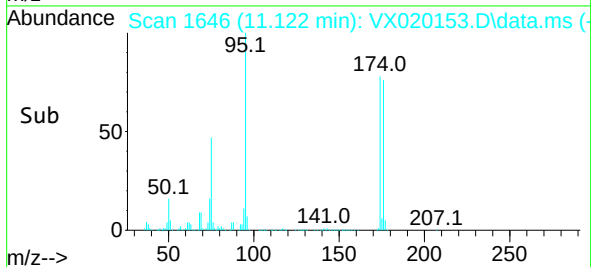
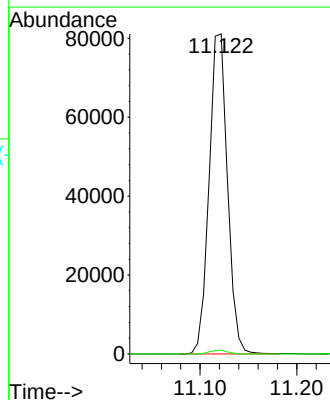
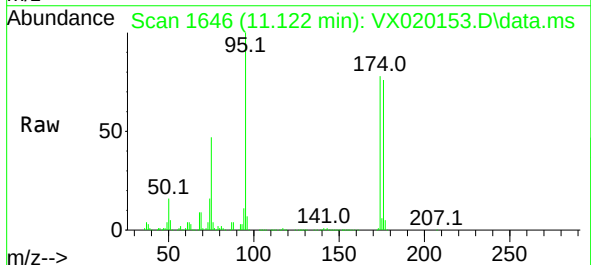
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20201210DL

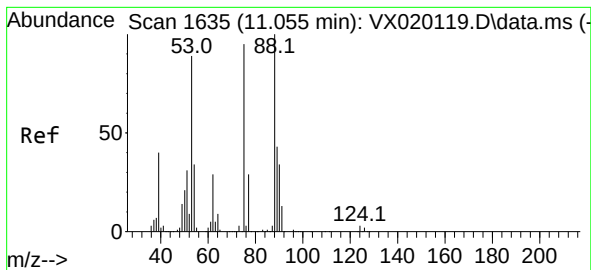
Tgt Ion:152 Resp: 203929
Ion Ratio Lower Upper
152 100
115 60.5 41.1 123.3
150 158.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.40 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020153.D
Acq: 19 Dec 2020 06:38

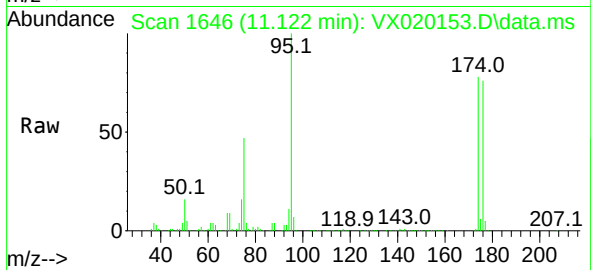
Tgt Ion: 75 Resp: 107497
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.49 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020153.D
 Acq: 19 Dec 2020 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20201210DL



Tgt Ion: 75 Resp: 107497
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

