

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020347.D
 Acq On : 23 Dec 2020 18:38
 Operator : JC/MD
 Sample : L5124-03DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20201211DL

Quant Time: Dec 24 00:20:33 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)

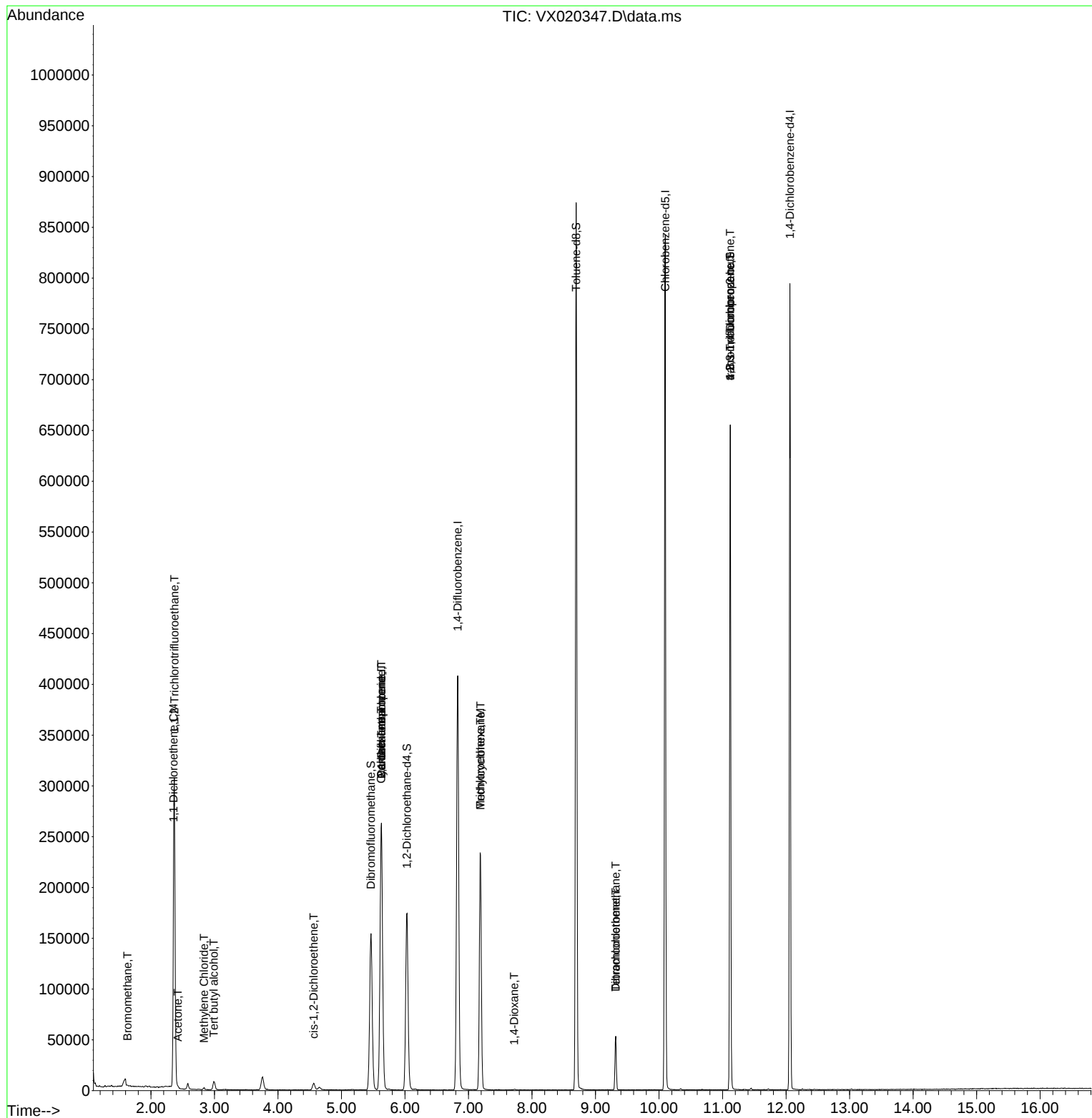
Internal Standards						
1) Pentafluorobenzene	5.629	168	245649	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	416596	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	395974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	161288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	167218	50.78	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.56%			
35) Dibromofluoromethane	5.464	113	135016	50.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.32%			
50) Toluene-d8	8.696	98	509617	49.68	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.36%			
62) 4-Bromofluorobenzene	11.122	95	180717	46.03	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.06%			
Target Compounds					Qvalue	
5) Bromomethane	1.630	94	310	0.29	ug/l #	79
9) 1,1,2-Trichlorotrifluo...	2.367	101	125538	51.19	ug/l	98
11) Tert butyl alcohol	2.989	59	4792	6.50	ug/l #	73
12) 1,1-Dichloroethene	2.355	96	1484	0.59	ug/l	88
16) Acetone	2.422	43	1195	0.80	ug/l	97
20) Methylene Chloride	2.837	84	780	0.23	ug/l	92
27) cis-1,2-Dichloroethene	4.562	96	4607	1.34	ug/l	87
31) Cyclohexane	5.623	56	4920	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	19768	4.80	ug/l #	48
38) Carbon Tetrachloride	5.629	117	24603	6.28	ug/l #	17
39) Methylcyclohexane	7.190	83	1203	0.25	ug/l #	1
44) Trichloroethene	7.184	130	92393	27.89	ug/l	99
49) 1,4-Dioxane	7.720	88	467	6.03	ug/l #	87
60) Dibromochloromethane	9.317	129	9881	3.09	ug/l #	11
64) Tetrachloroethene	9.317	164	10763	3.61	ug/l	93
76) 1,2,3-Trichloropropane	11.122	75	87615	22.05	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	87615	65.43	ug/l #	12

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

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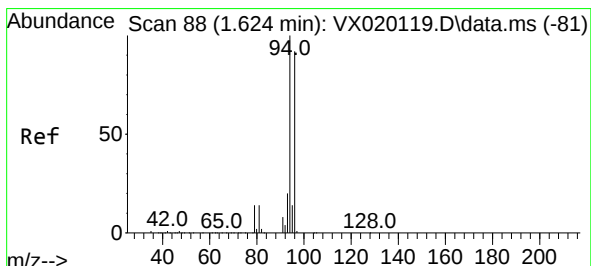
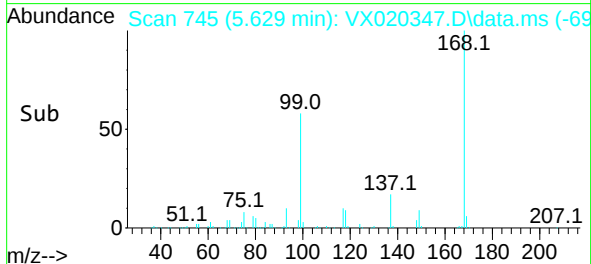
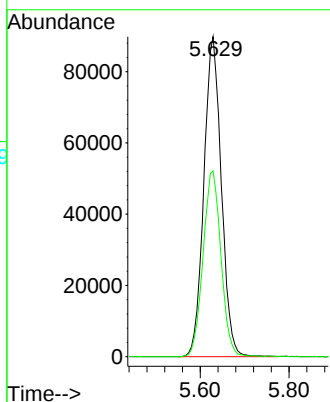
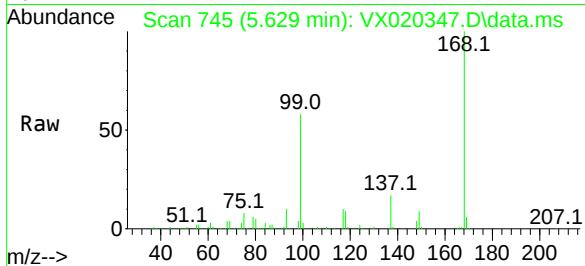




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

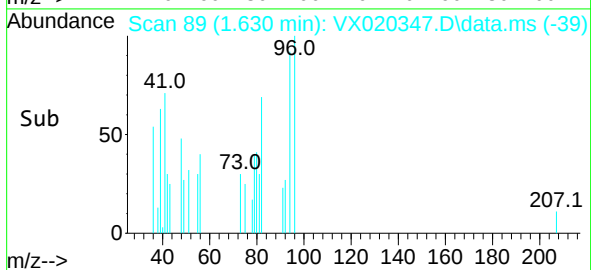
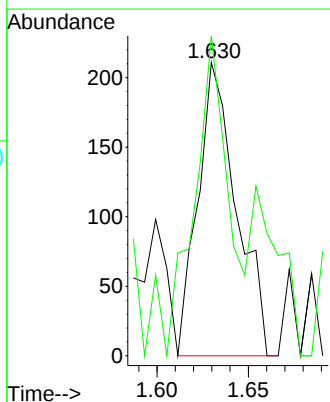
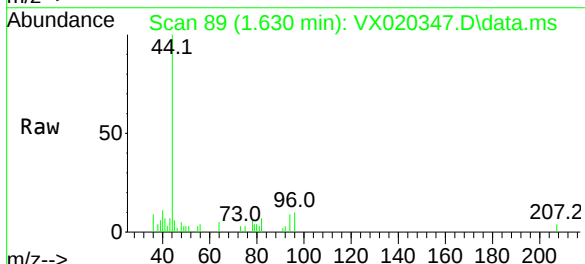
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20201211DL

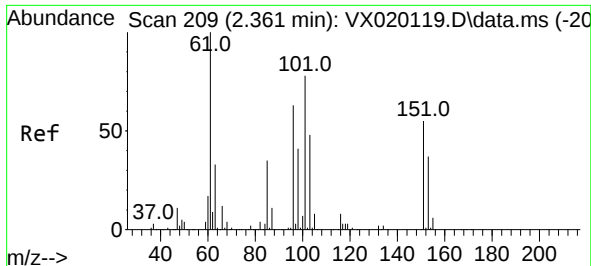
Tgt Ion:168 Resp: 245649
Ion Ratio Lower Upper
168 100
99 58.0 45.8 68.6



#5
Bromomethane
Concen: 0.29 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

Tgt Ion: 94 Resp: 310
Ion Ratio Lower Upper
94 100
96 74.9 76.4 114.6#

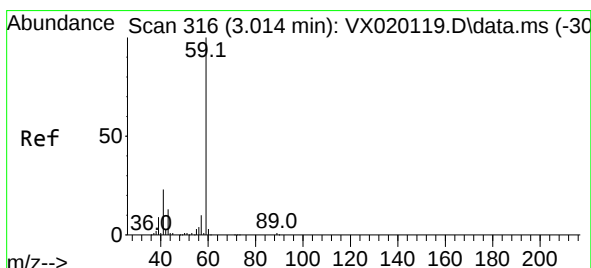
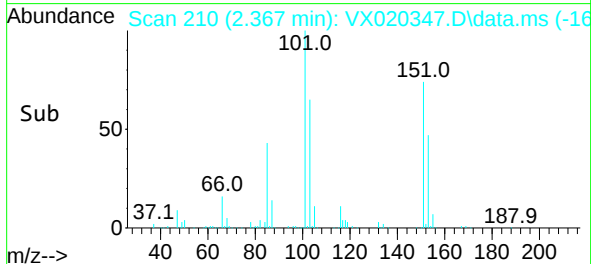
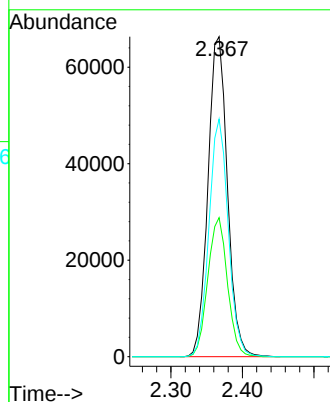
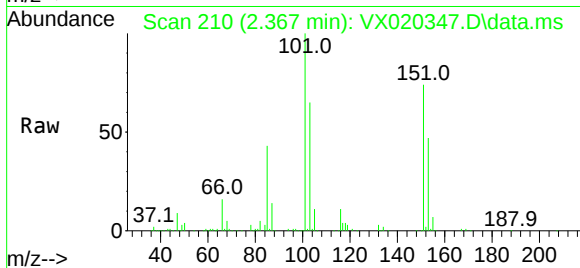




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.19 ug/l
RT: 2.367 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

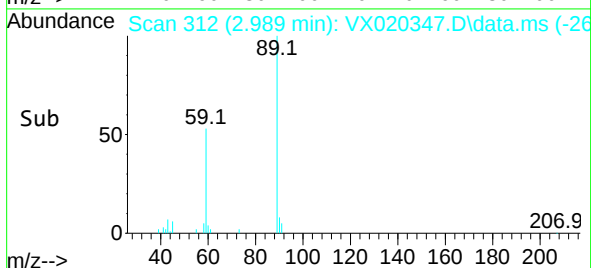
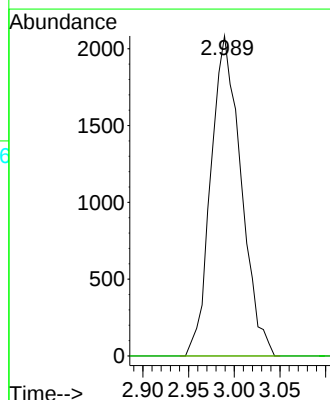
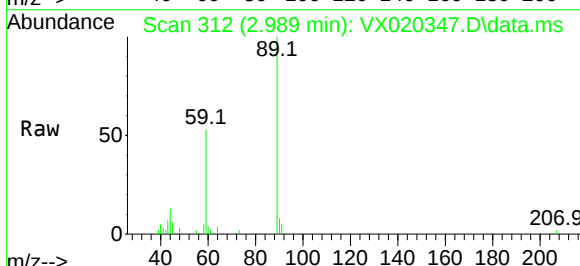
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20201211DL

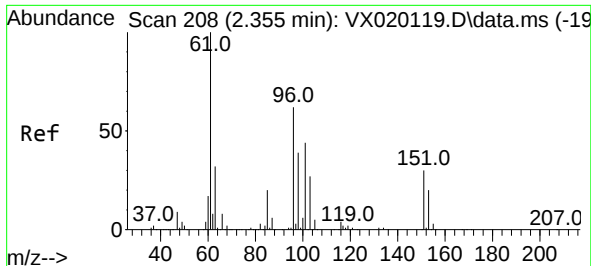
Tgt Ion:101 Resp: 125538
Ion Ratio Lower Upper
101 100
85 43.8 34.9 52.3
151 73.7 61.4 92.2



#11
Tert butyl alcohol
Concen: 6.50 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

Tgt Ion: 59 Resp: 4792
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.59 ug/l

RT: 2.355 min Scan# 208

Delta R.T. 0.000 min

Lab File: VX020347.D

Acq: 23 Dec 2020 18:38

Tgt Ion: 96 Resp: 1484

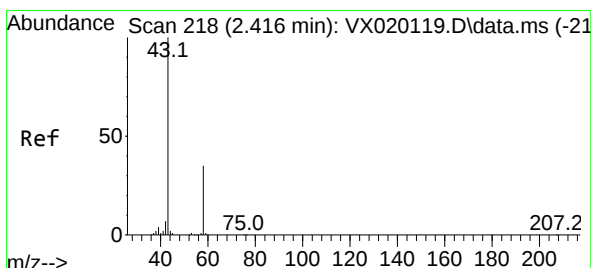
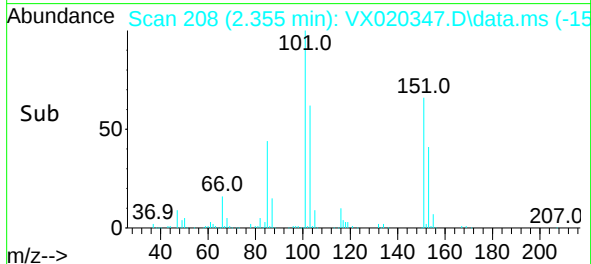
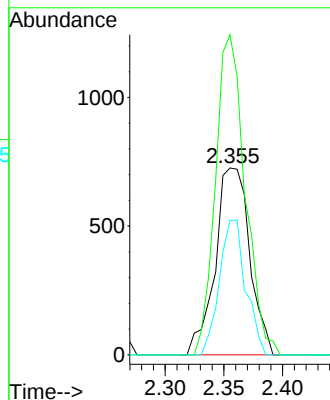
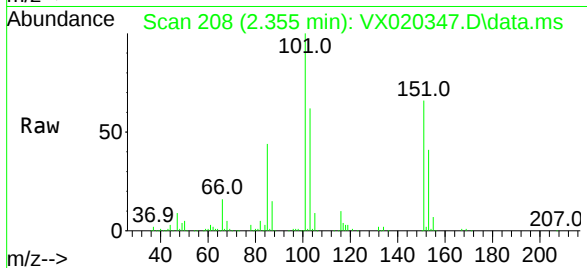
Ion	Ratio	Lower	Upper
96	100		
61	171.3	124.6	187.0
98	71.9	50.6	76.0

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20201211DL



#16

Acetone

Concen: 0.80 ug/l

RT: 2.422 min Scan# 219

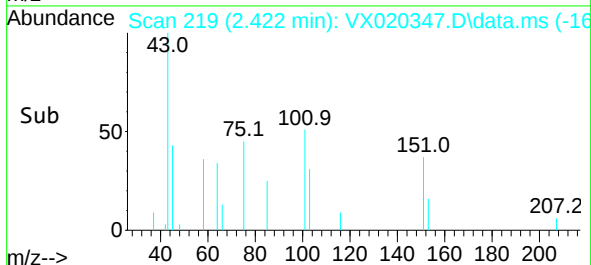
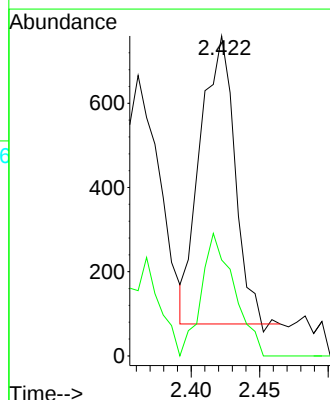
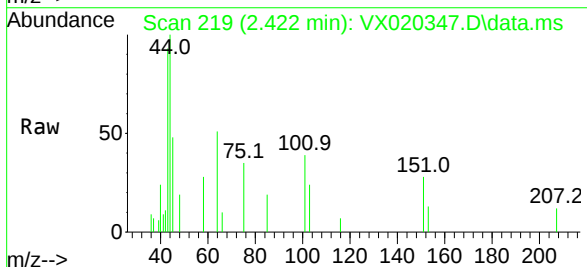
Delta R.T. 0.006 min

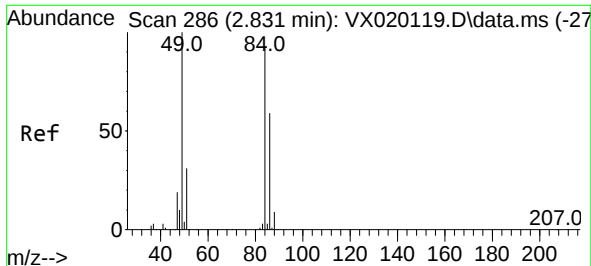
Lab File: VX020347.D

Acq: 23 Dec 2020 18:38

Tgt Ion: 43 Resp: 1195

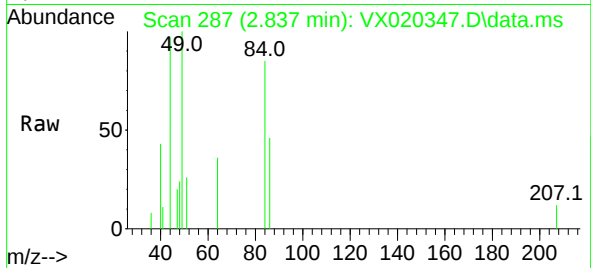
Ion	Ratio	Lower	Upper
43	100		
58	33.3	27.8	41.8



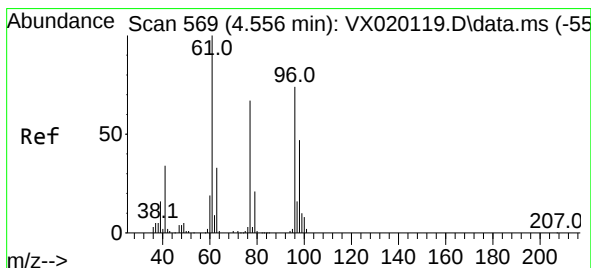
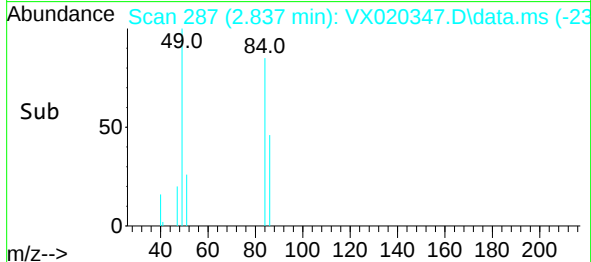
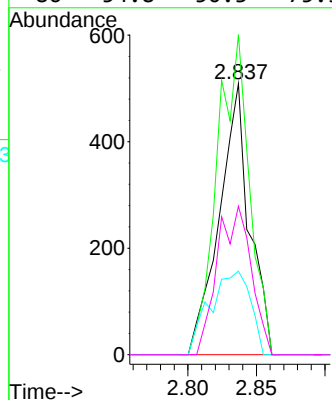


#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20201211DL

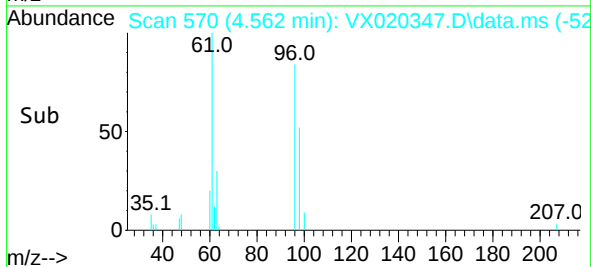
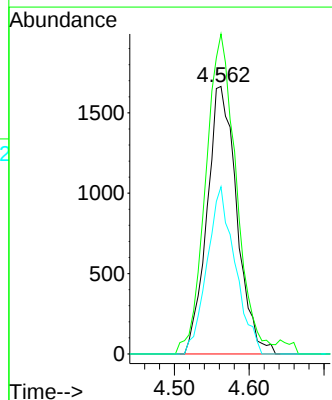
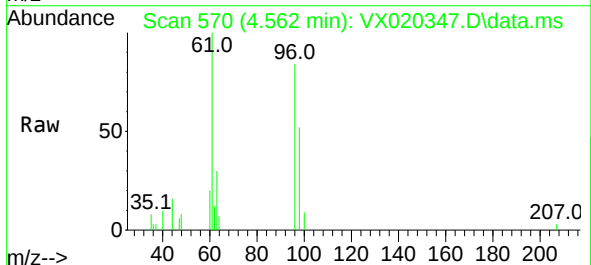


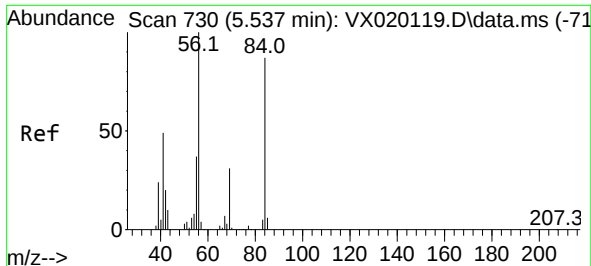
Tgt Ion: 84	Resp: 780
Ion Ratio	Lower Upper
84 100	
49 118.1	88.6 132.8
51 30.8	27.0 40.6
86 54.8	50.3 75.5



#27
cis-1,2-Dichloroethene
Concen: 1.34 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

Tgt Ion: 96	Resp: 4607
Ion Ratio	Lower Upper
96 100	
61 123.1	0.0 285.6
98 58.7	0.0 129.6

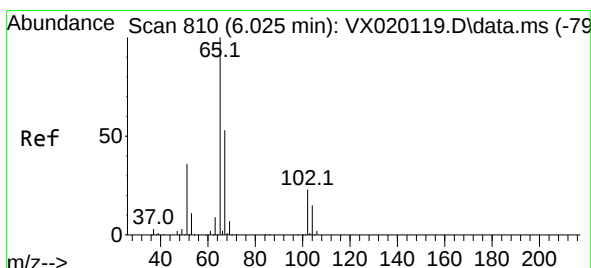
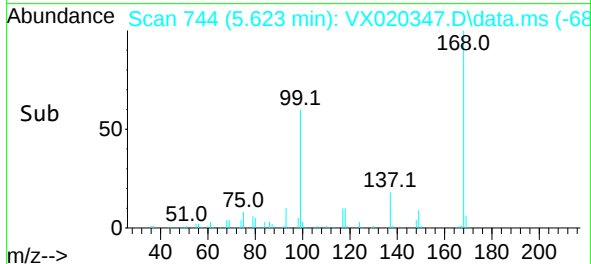
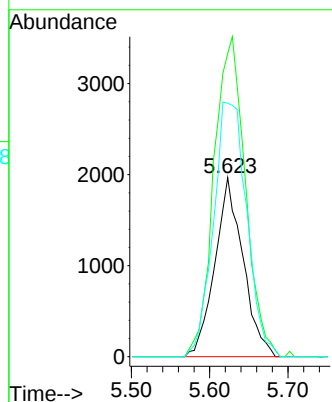
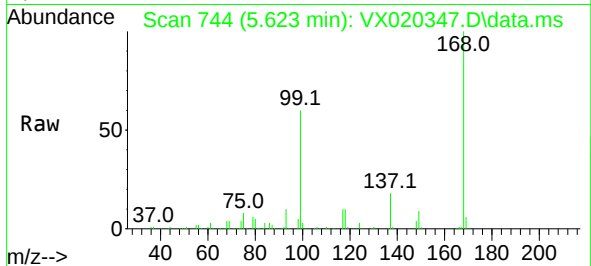




#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

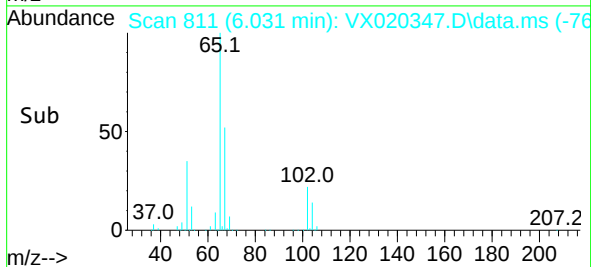
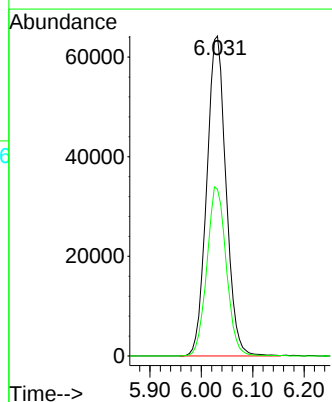
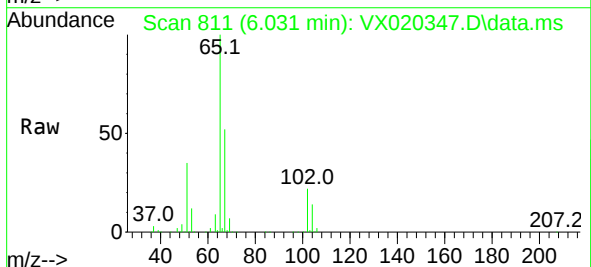
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20201211DL

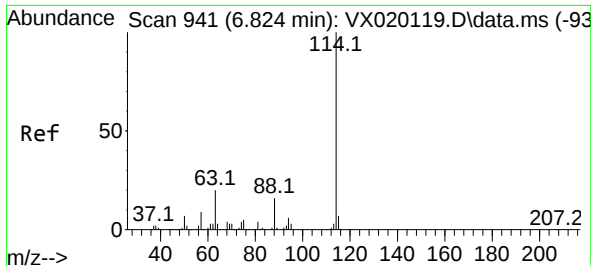
Tgt Ion: 56 Resp: 4920
Ion Ratio Lower Upper
56 100
69 169.2 25.3 37.9#
84 141.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.78 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

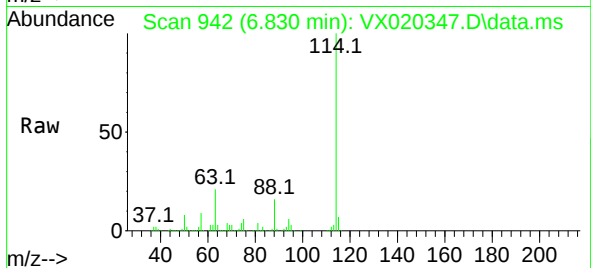
Tgt Ion: 65 Resp: 167218
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



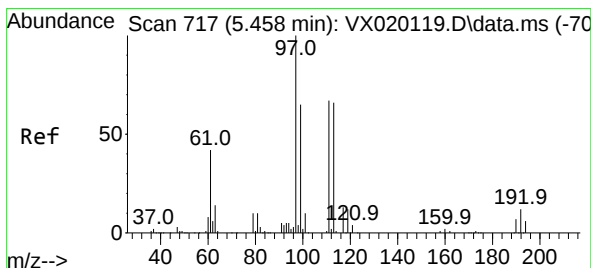
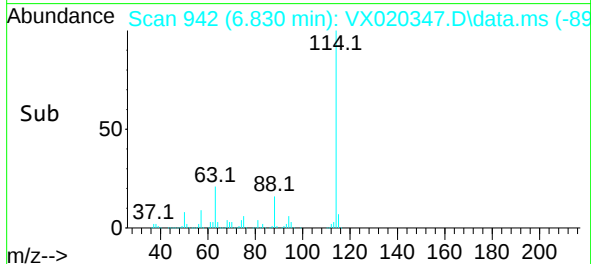
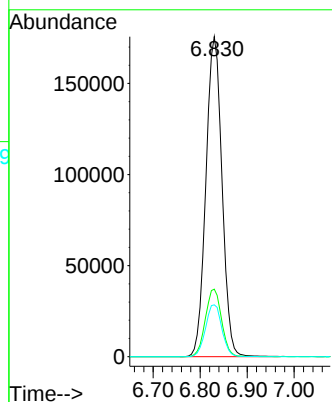


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

Instrument :
MSVOA_X
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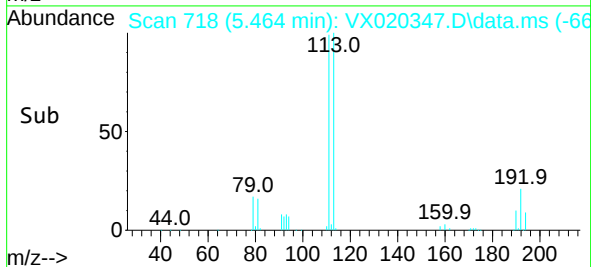
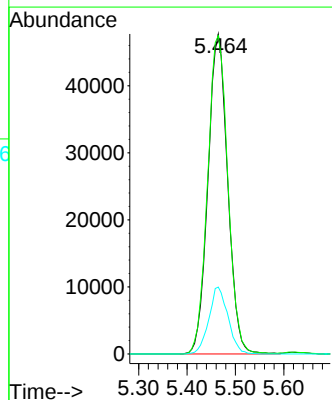
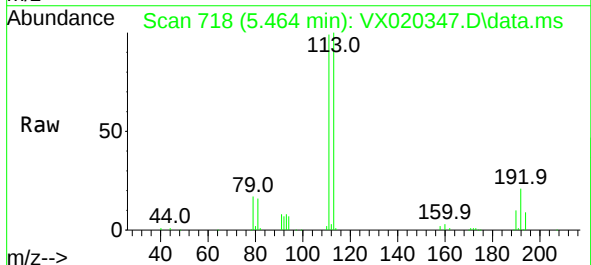


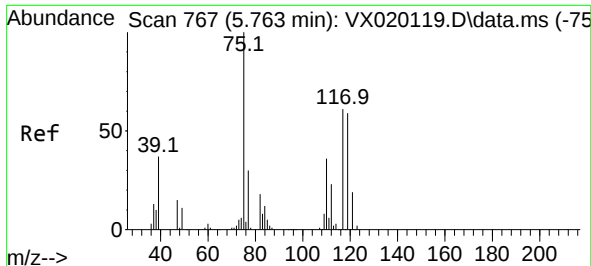
Tgt Ion:114 Resp: 416596
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.66 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

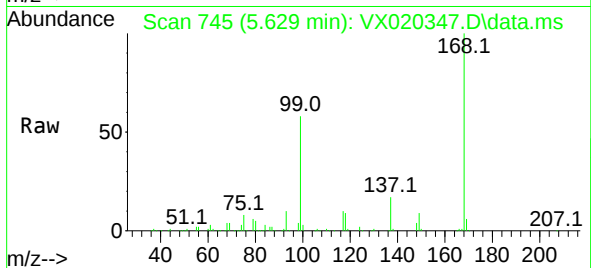
Tgt Ion:113 Resp: 135016
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 20.3 16.7 25.1



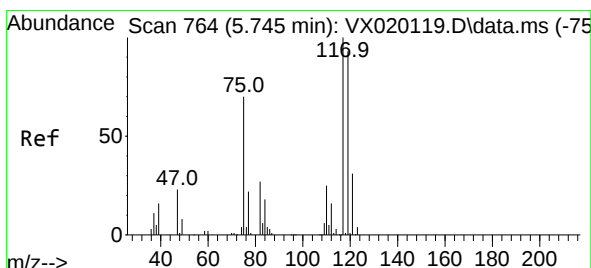
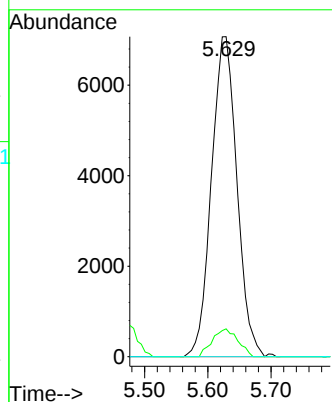
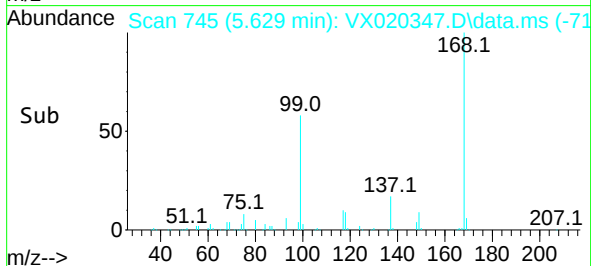


#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

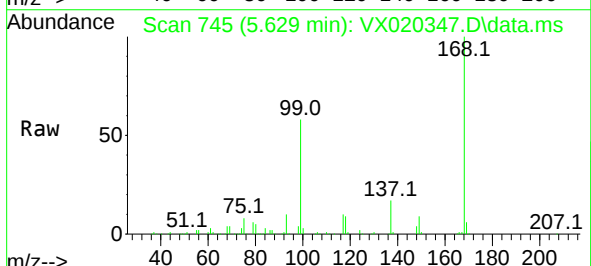
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20201211DL



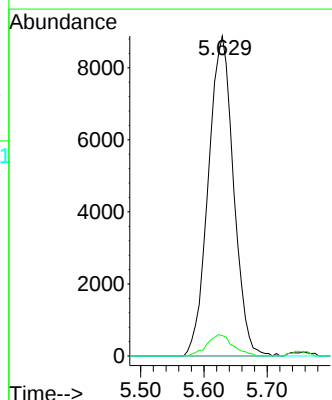
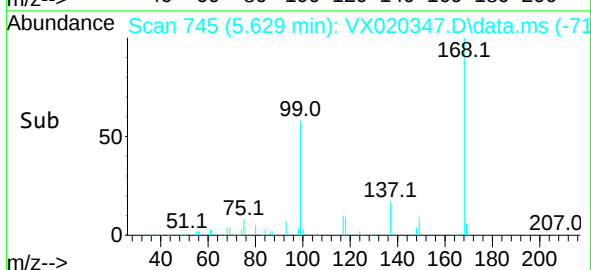
Tgt Ion: 75 Resp: 19768
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#

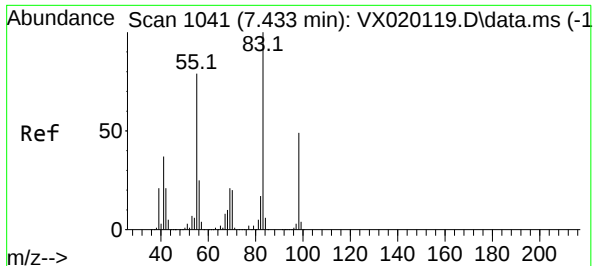


#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38



Tgt Ion: 117 Resp: 24603
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.25 ug/l

RT: 7.190 min Scan# 1001

Delta R.T. -0.243 min

Lab File: VX020347.D

Acq: 23 Dec 2020 18:38

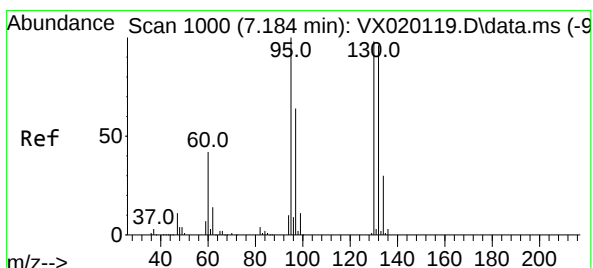
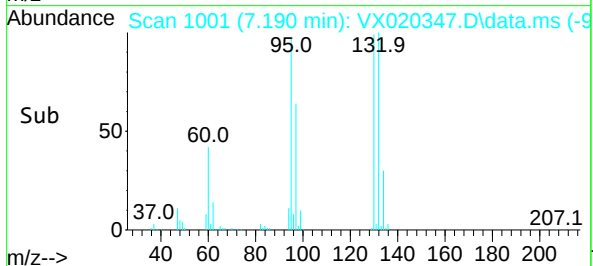
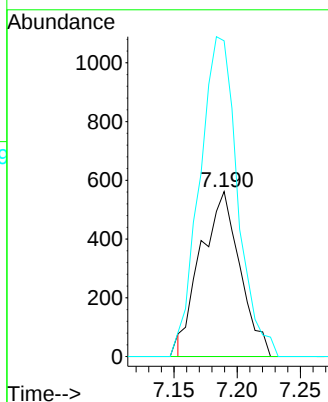
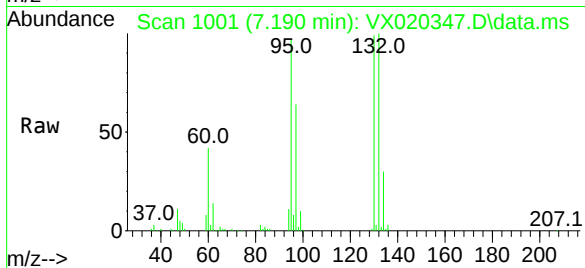
Tgt Ion:	83	Resp:	1203
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	191.3	38.1	57.1#

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20201211DL



#44

Trichloroethene

Concen: 27.89 ug/l

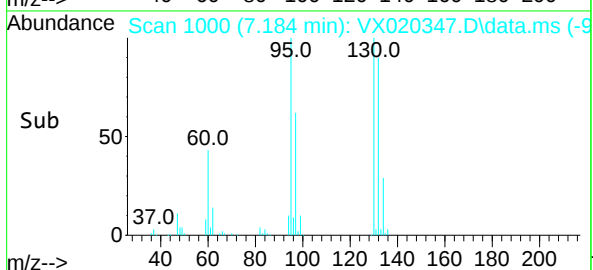
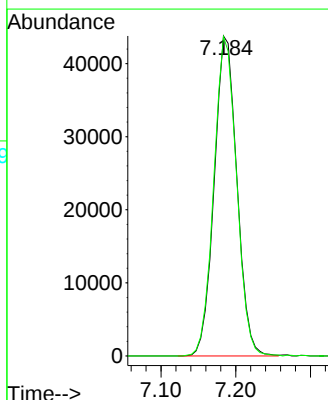
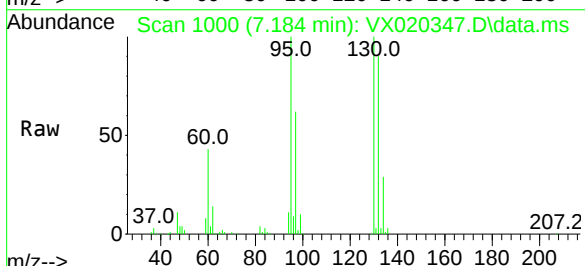
RT: 7.184 min Scan# 1000

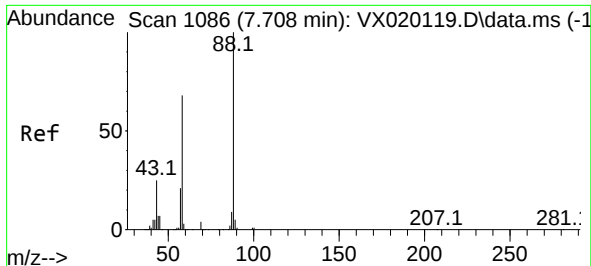
Delta R.T. -0.000 min

Lab File: VX020347.D

Acq: 23 Dec 2020 18:38

Tgt Ion:	130	Resp:	92393
Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	198.0

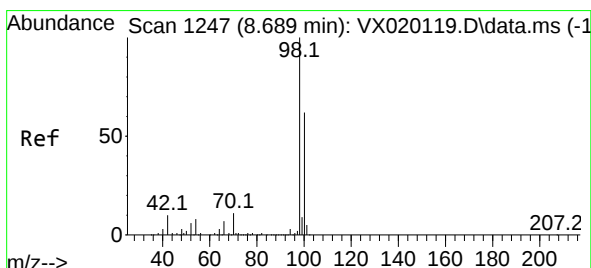
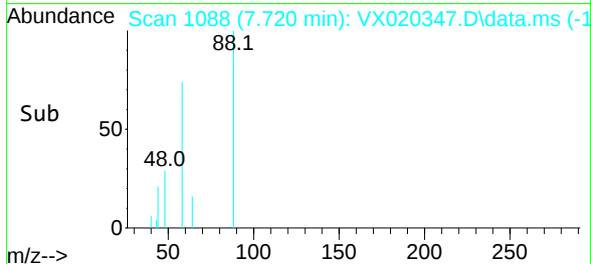
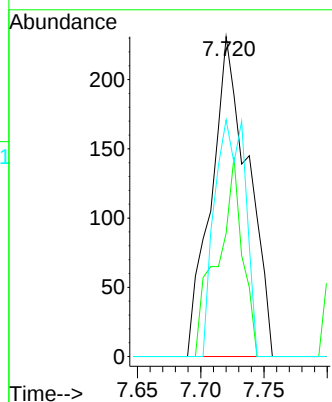
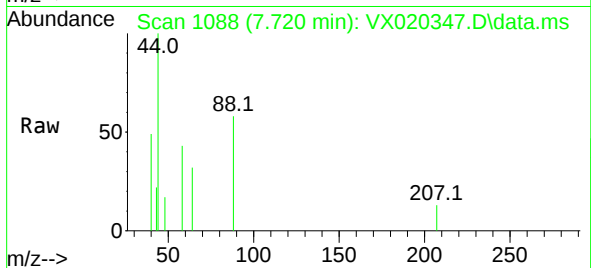




#49
1,4-Dioxane
Concen: 6.03 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.012 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

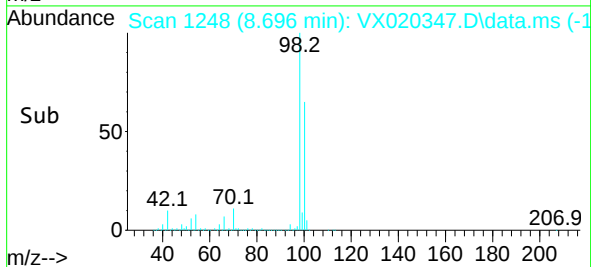
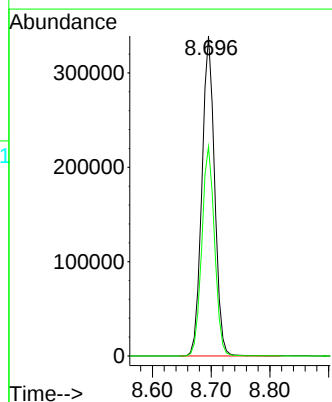
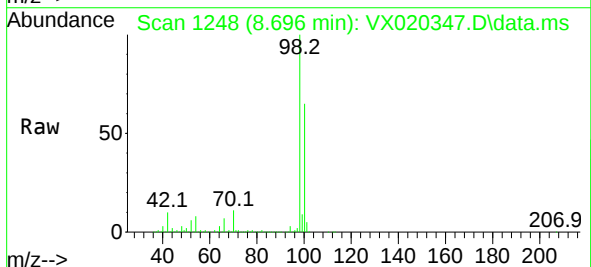
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20201211DL

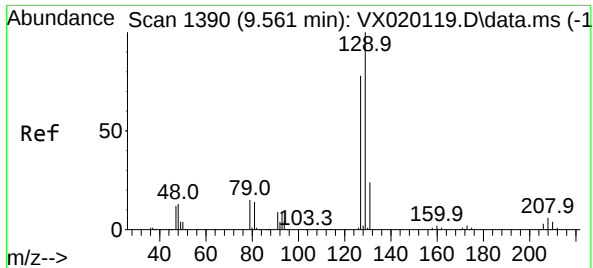
Tgt Ion: 88 Resp: 467
Ion Ratio Lower Upper
88 100
43 42.6 23.2 34.8#
58 61.9 55.0 82.4



#50
Toluene-d8
Concen: 49.68 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

Tgt Ion: 98 Resp: 509617
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

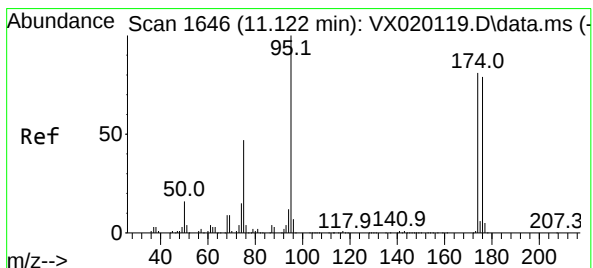
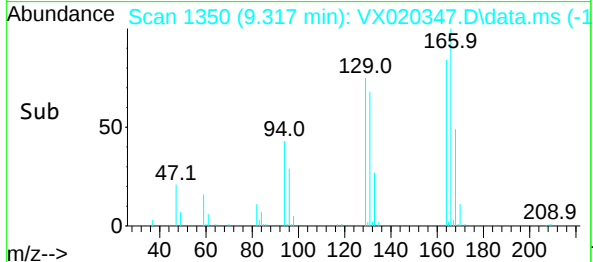
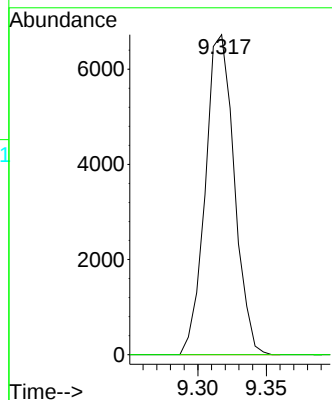
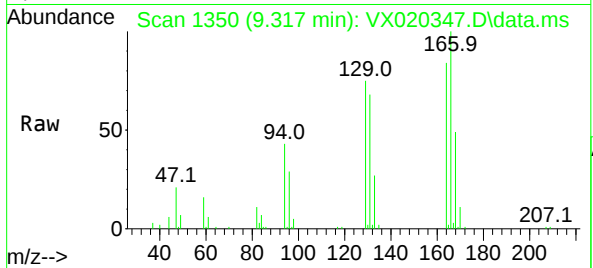




#60
Dibromochloromethane
Concen: 3.09 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

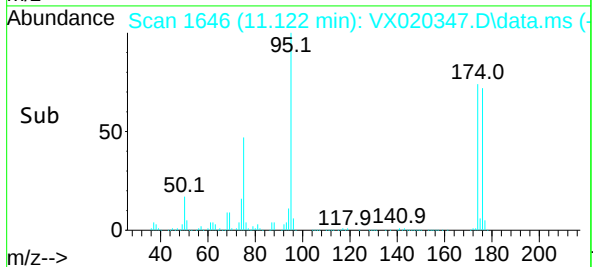
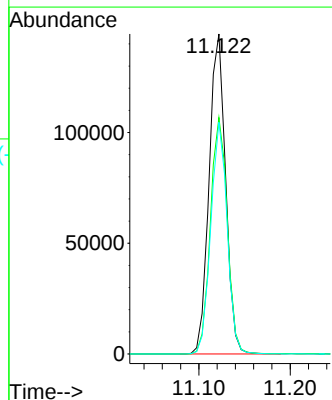
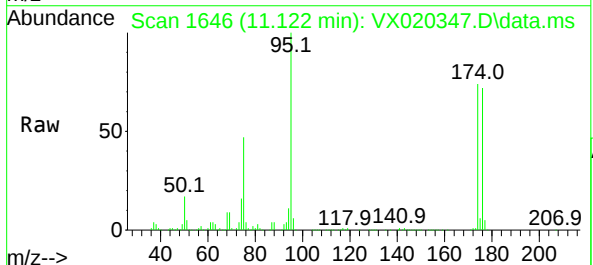
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20201211DL

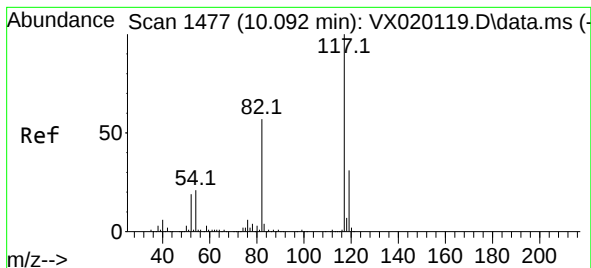
Tgt Ion:129 Resp: 9881
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.03 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

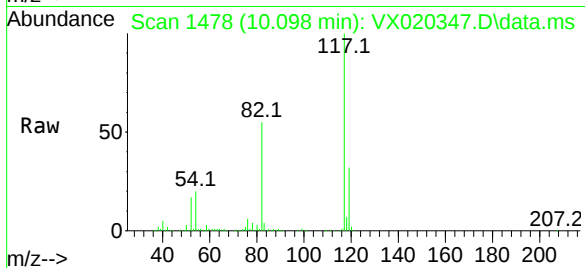
Tgt Ion: 95 Resp: 180717
Ion Ratio Lower Upper
95 100
174 75.9 0.0 154.6
176 71.6 0.0 155.8



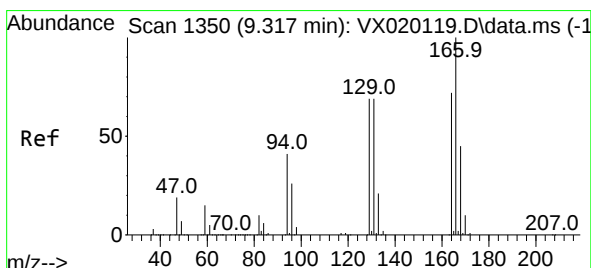
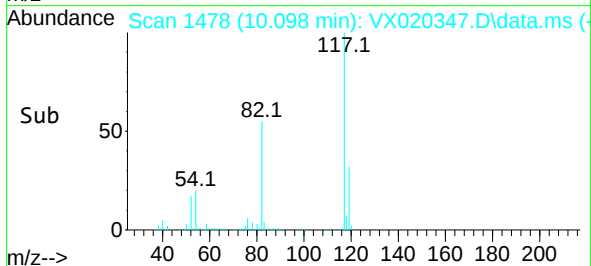
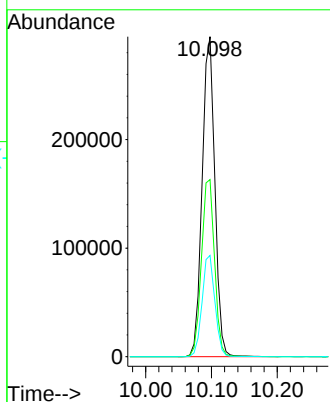


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20201211DL

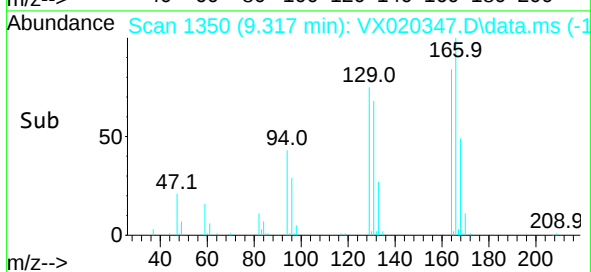
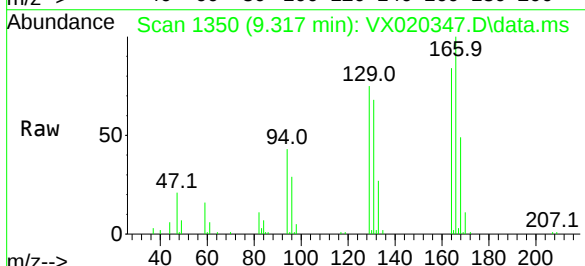
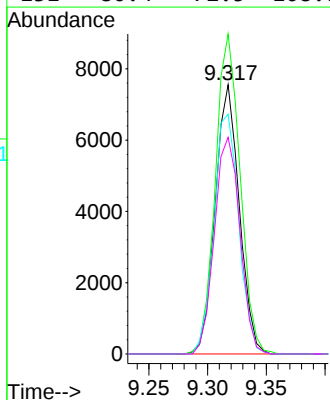


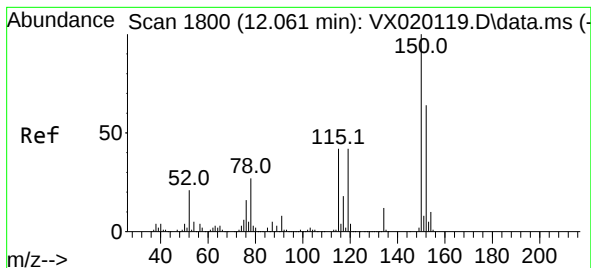
Tgt Ion:117 Resp: 395974
Ion Ratio Lower Upper
117 100
82 55.4 47.4 71.2
119 31.7 26.6 39.8



#64
Tetrachloroethene
Concen: 3.61 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

Tgt Ion:164 Resp: 10763
Ion Ratio Lower Upper
164 100
166 118.8 103.4 155.2
129 89.0 70.8 106.2
131 80.4 72.5 108.7

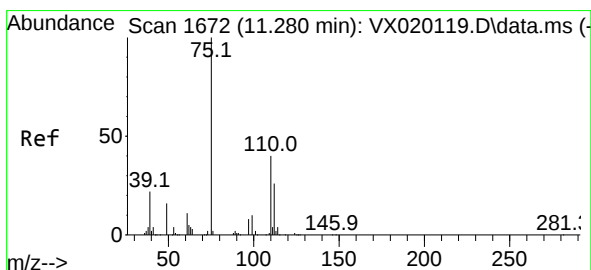
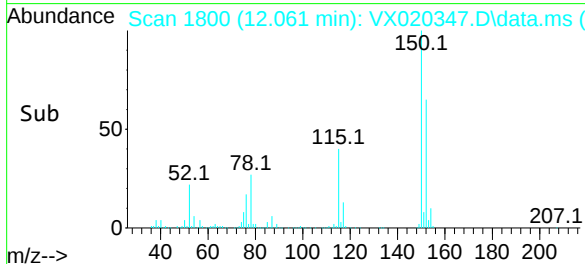
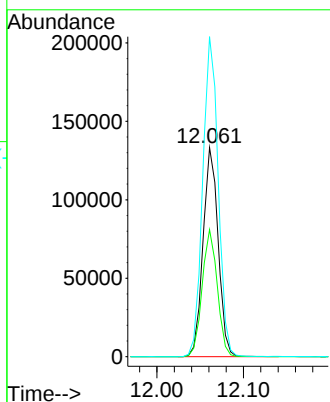
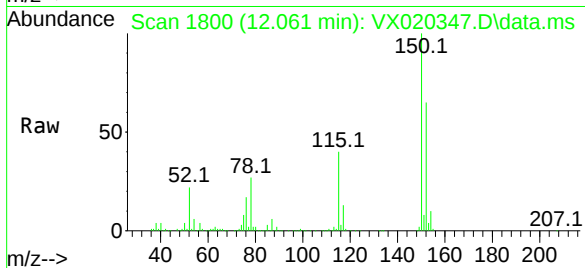




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

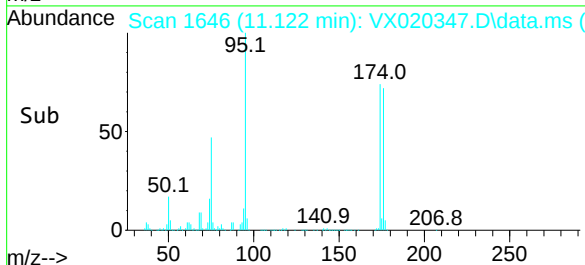
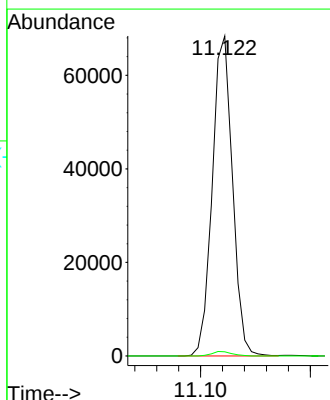
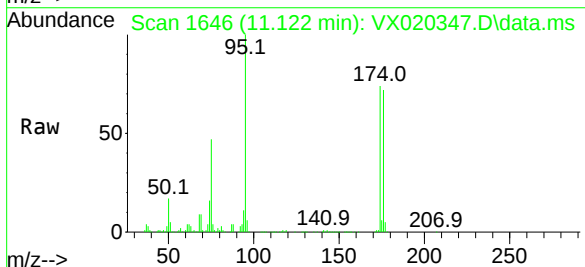
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20201211DL

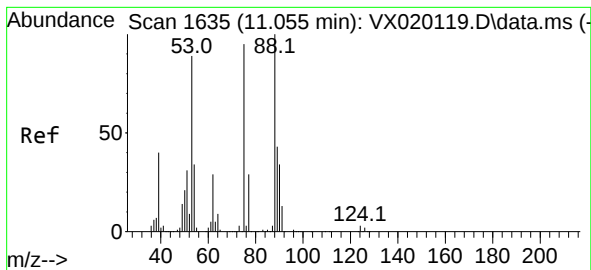
Tgt Ion:152 Resp: 161288
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 156.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 22.05 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

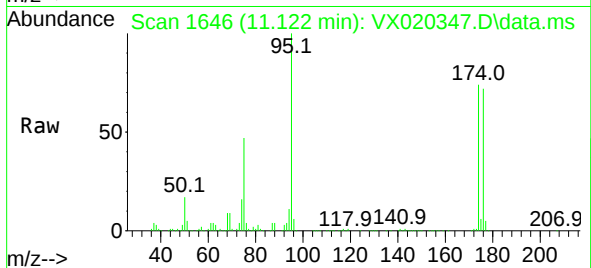
Tgt Ion: 75 Resp: 87615
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.43 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020347.D
 Acq: 23 Dec 2020 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20201211DL



Tgt Ion: 75 Resp: 87615
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

