

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021356.D
 Acq On : 22 Mar 2021 14:31
 Operator : JC/MD
 Sample : M1736-02DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20210317DL

Quant Time: Mar 23 02:00:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

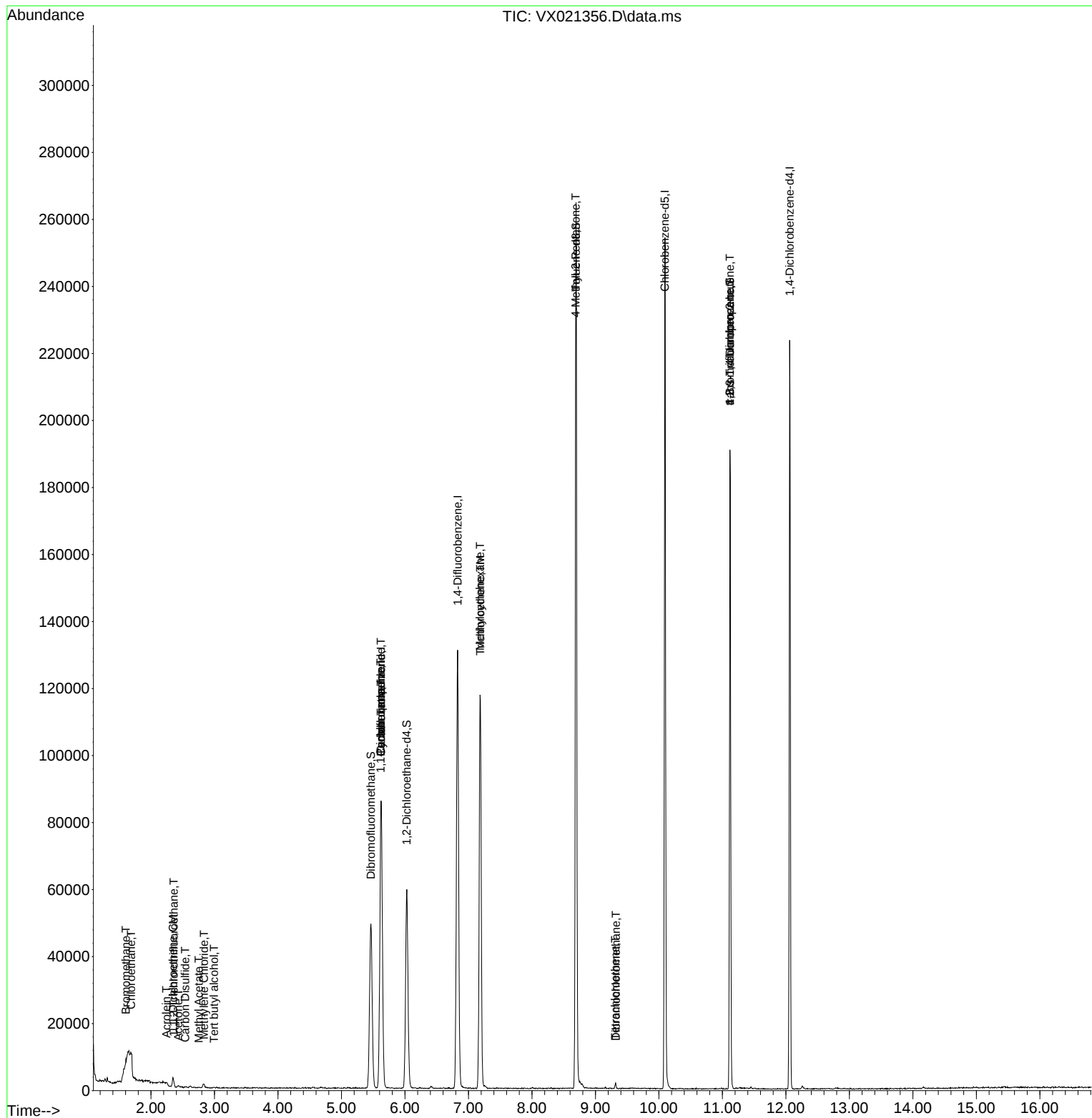
Internal Standards						
1) Pentafluorobenzene	5.623	168	73986	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.829	114	122221	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	103555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	40248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	58506	48.21	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.42%
35) Dibromofluoromethane	5.464	113	40873	49.15	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.30%
50) Toluene-d8	8.694	98	147177	48.77	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.54%
62) 4-Bromofluorobenzene	11.118	95	49429	42.18	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.36%
Target Compounds						
					Qvalue	
3) Chloromethane	1.311	50	868	Below Cal		90
5) Bromomethane	1.605	94	155	0.39 ug/l #		2
6) Chloroethane	1.687	64	117	0.21 ug/l #		39
9) 1,1,2-Trichlorotrifluo...	2.358	101	671	0.87 ug/l		96
11) Tert butyl alcohol	2.993	59	108	0.53 ug/l #		73
12) 1,1-Dichloroethene	2.346	96	336	0.45 ug/l #		77
13) Acrolein	2.240	56	62	3.63 ug/l #		1
16) Acetone	2.428	43	655	1.47 ug/l		92
17) Carbon Disulfide	2.540	76	205	0.63 ug/l #		75
18) Methyl Acetate	2.752	43	355	0.29 ug/l #		47
20) Methylene Chloride	2.834	84	461	0.50 ug/l #		80
31) Cyclohexane	5.623	56	2101	1.43 ug/l #		39
36) 1,1-Dichloropropene	5.617	75	6796	5.52 ug/l #		50
38) Carbon Tetrachloride	5.623	117	8213	6.42 ug/l #		15
39) Methylcyclohexane	7.182	83	587	0.43 ug/l #		1
44) Trichloroethene	7.188	130	42012	46.60 ug/l		91
51) 4-Methyl-2-Pentanone	8.688	43	937	0.69 ug/l #		1
60) Dibromochloromethane	9.323	129	311	0.32 ug/l #		11
64) Tetrachloroethene	9.312	164	235	0.30 ug/l #		78
76) 1,2,3-Trichloropropane	11.118	75	27882	29.86 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.118	75	27882	81.08 ug/l #		12

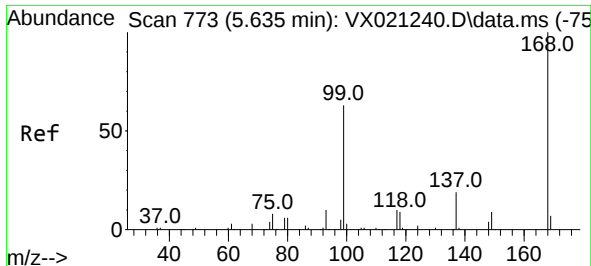
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20210317DL

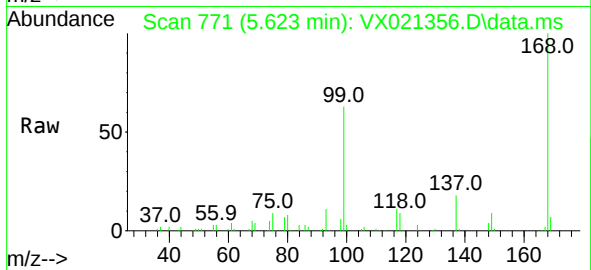
Quant Time: Mar 23 02:00:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration



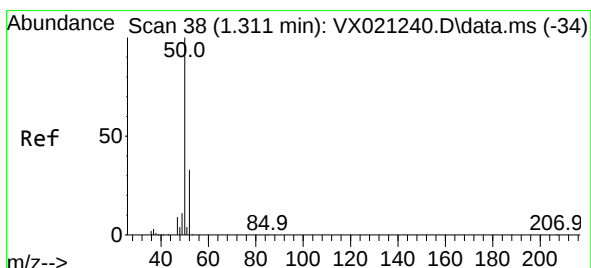
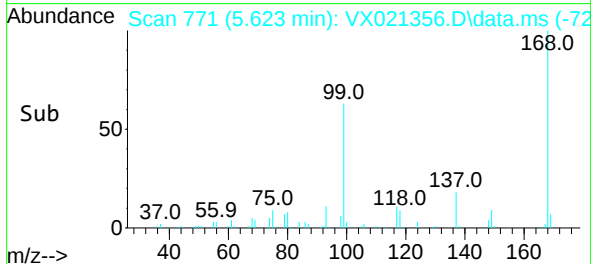
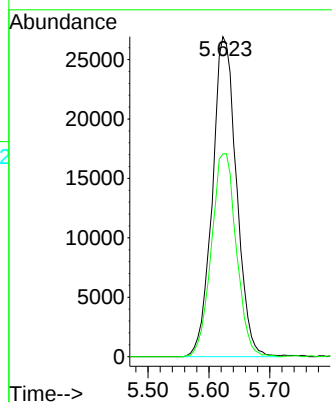


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.012 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

Instrument :
MSVOA_X
ClientSampleId :
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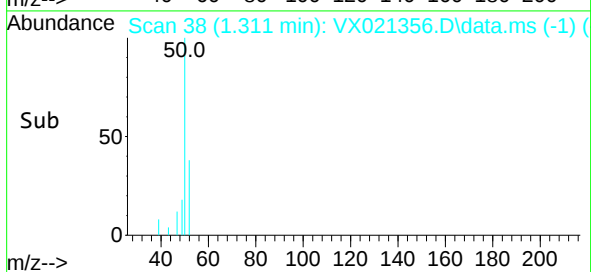
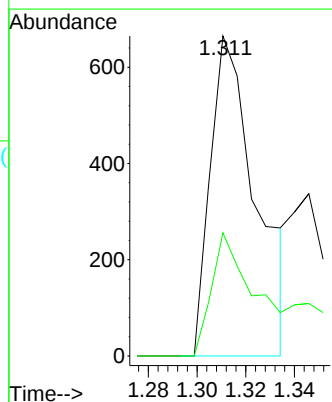
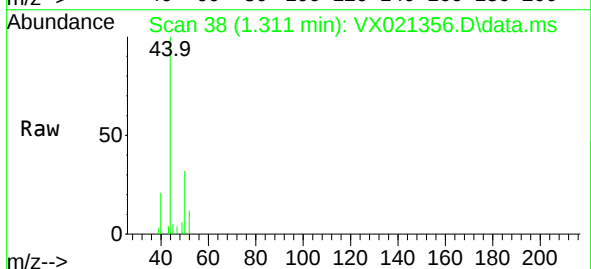


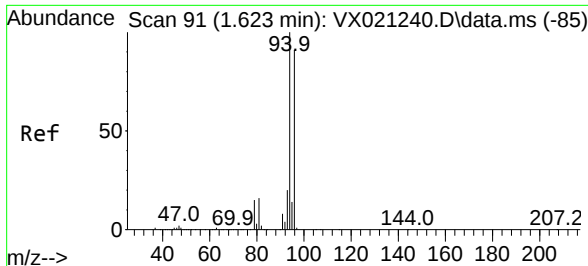
Tgt Ion:168 Resp: 73986
Ion Ratio Lower Upper
168 100
99 63.4 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.311 min Scan# 38
Delta R.T. -0.000 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

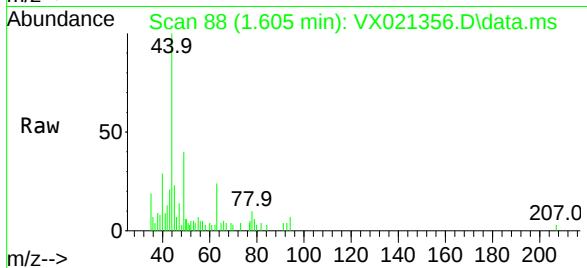
Tgt Ion: 50 Resp: 868
Ion Ratio Lower Upper
50 100
52 38.5 26.4 39.6



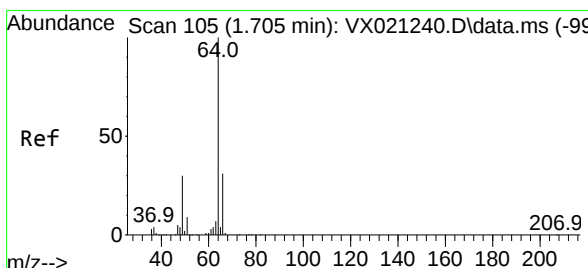
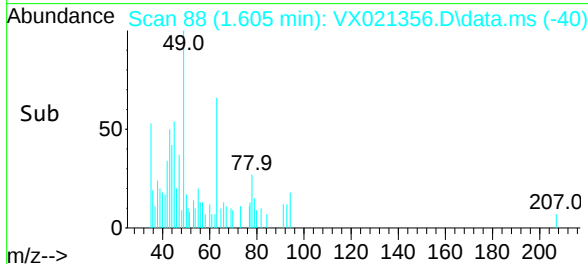
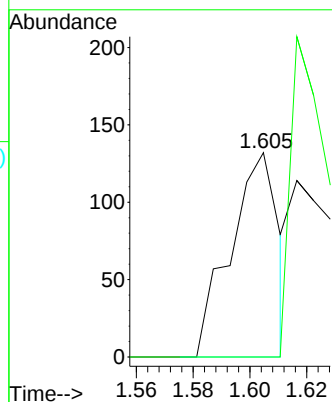


#5
Bromomethane
Concen: 0.39 ug/l
RT: 1.605 min Scan# 88
Delta R.T. -0.018 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

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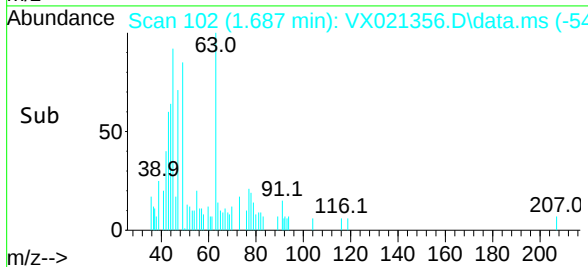
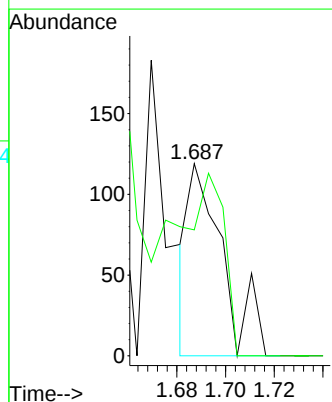
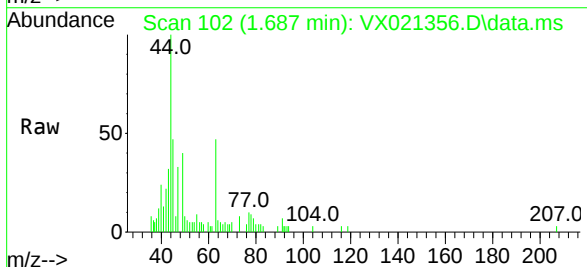


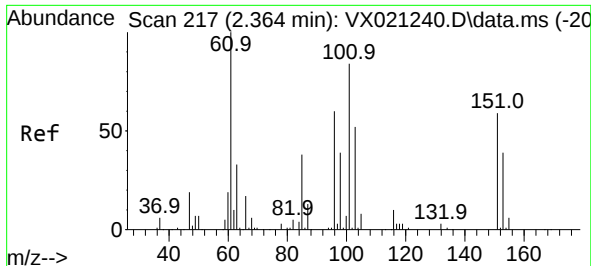
Tgt Ion: 94 Resp: 155
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#6
Chloroethane
Concen: 0.21 ug/l
RT: 1.687 min Scan# 102
Delta R.T. -0.018 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

Tgt Ion: 64 Resp: 117
Ion Ratio Lower Upper
64 100
66 65.5 25.4 38.0#

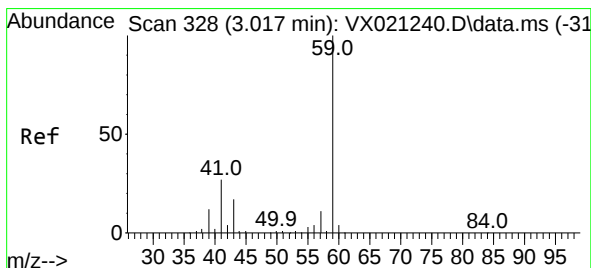
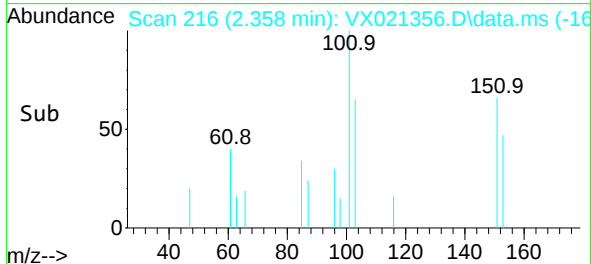
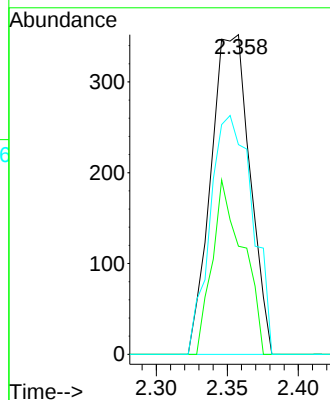
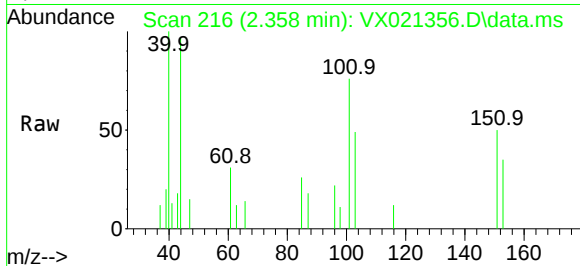




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.87 ug/l
RT: 2.358 min Scan# 216
Delta R.T. -0.006 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

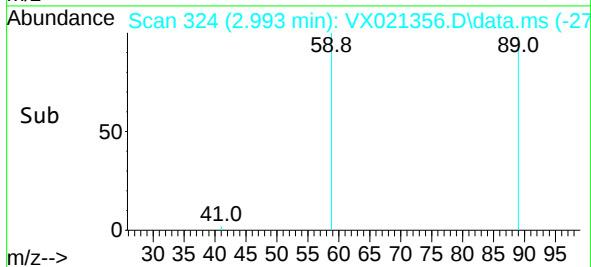
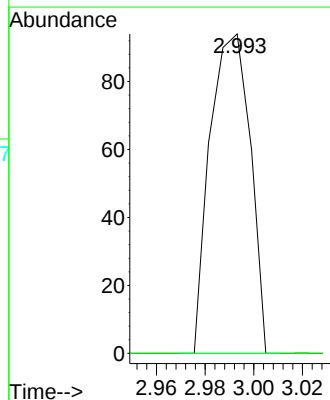
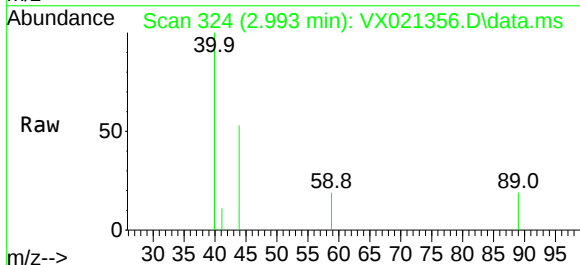
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20210317DL

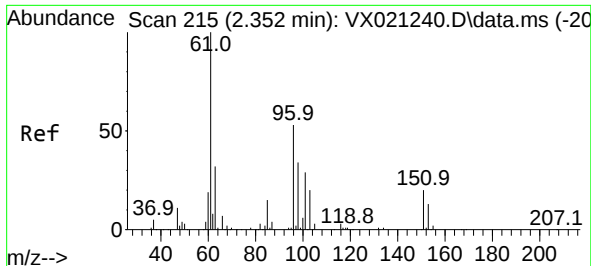
Tgt Ion:101 Resp: 671
Ion Ratio Lower Upper
101 100
85 43.1 34.9 52.3
151 81.2 61.4 92.2



#11
Tert butyl alcohol
Concen: 0.53 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

Tgt Ion: 59 Resp: 108
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

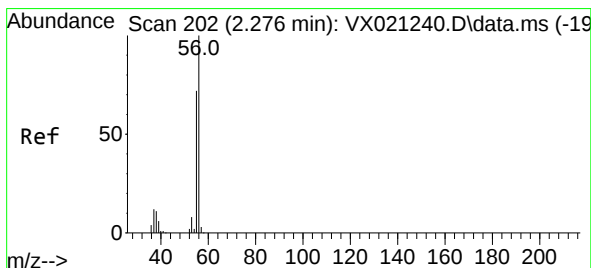
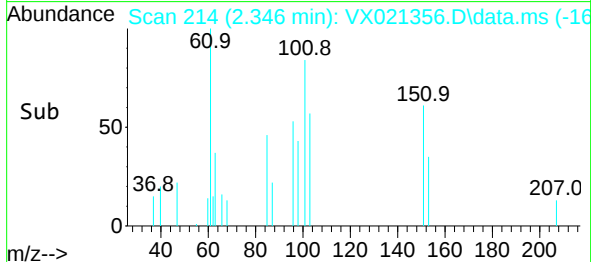
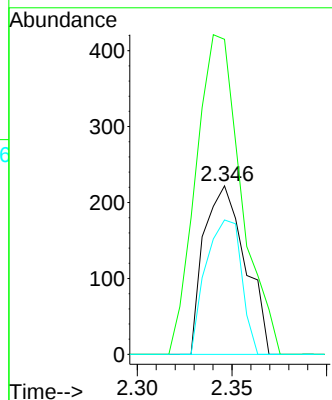
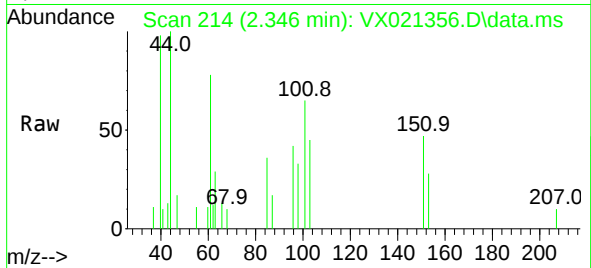




#12
1,1-Dichloroethene
Concen: 0.45 ug/l
RT: 2.346 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

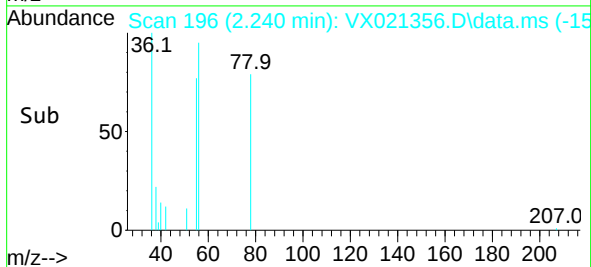
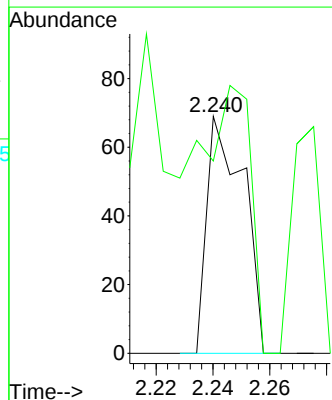
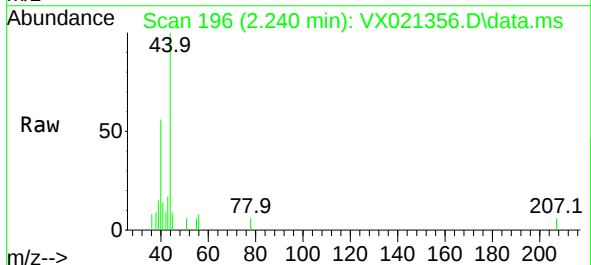
Instrument :
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ClientSampleId :
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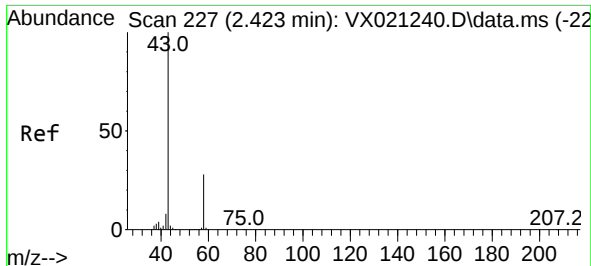
Tgt Ion: 96 Resp: 336
Ion Ratio Lower Upper
96 100
61 186.9 124.6 187.0
98 79.7 50.6 76.0#



#13
Acrolein
Concen: 3.63 ug/l
RT: 2.240 min Scan# 196
Delta R.T. -0.036 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

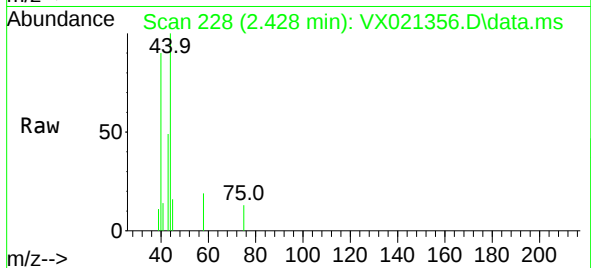
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 153.2 56.4 84.6#



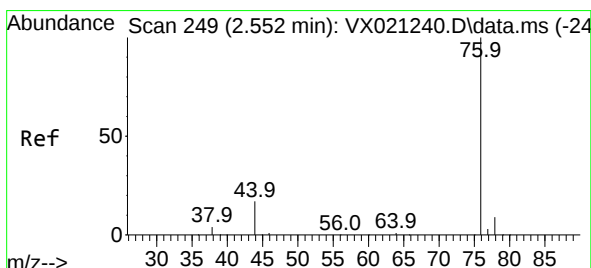
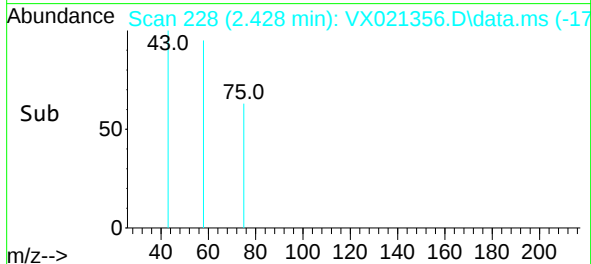
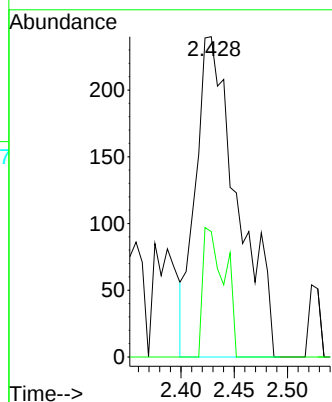


#16
Acetone
Concen: 1.47 ug/l
RT: 2.428 min Scan# 228
Delta R.T. 0.005 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

Instrument :
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ClientSampleId :
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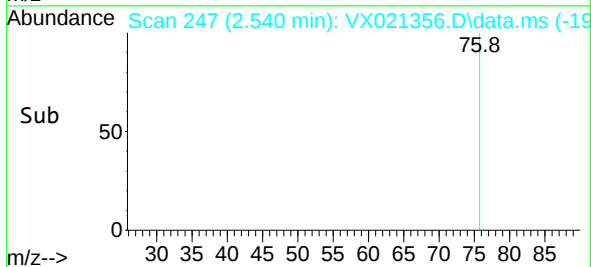
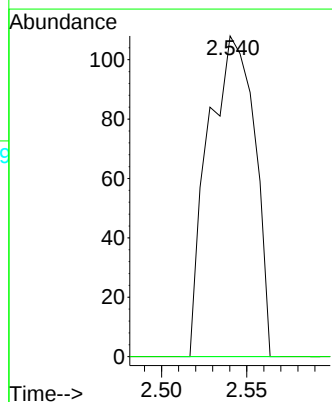
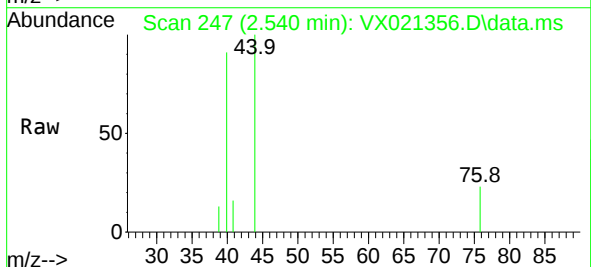


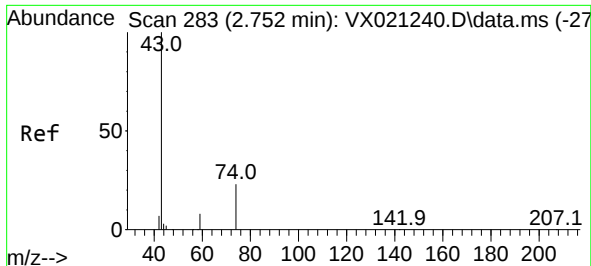
Tgt Ion: 43 Resp: 655
Ion Ratio Lower Upper
43 100
58 39.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.63 ug/l
RT: 2.540 min Scan# 247
Delta R.T. -0.012 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

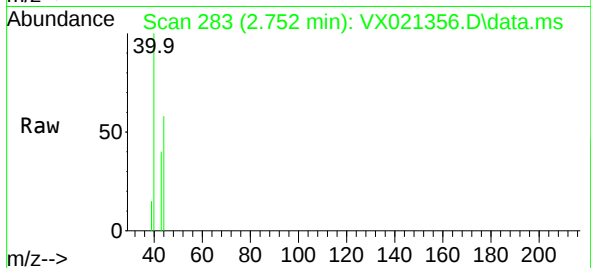
Tgt Ion: 76 Resp: 205
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



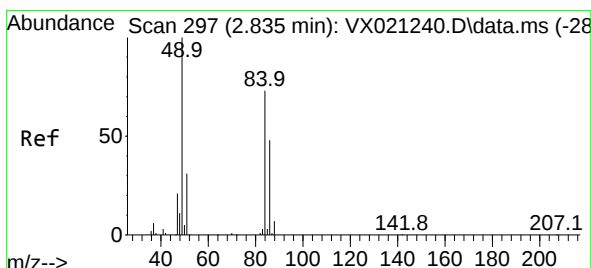
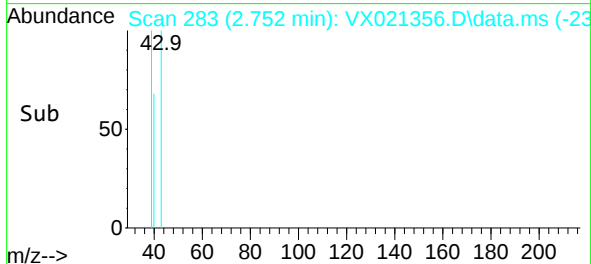
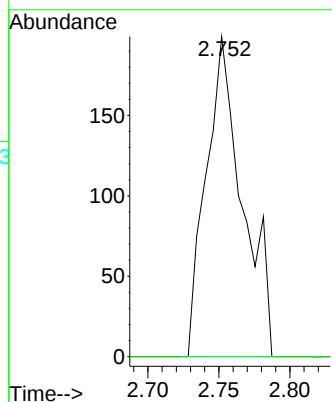


#18
Methyl Acetate
Concen: 0.29 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

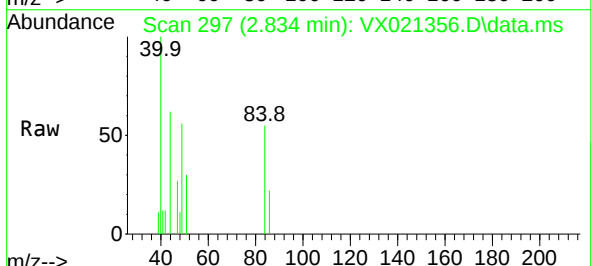
Instrument :
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ClientSampleId :
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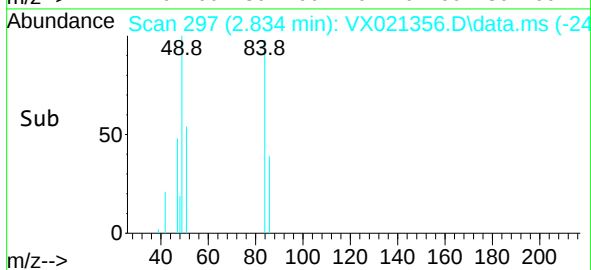
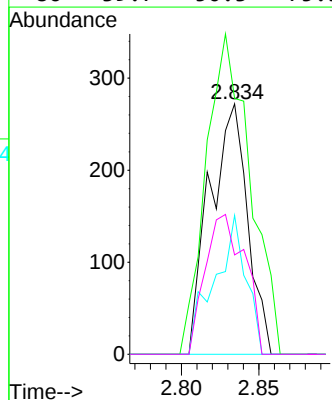
Tgt Ion: 43 Resp: 355
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

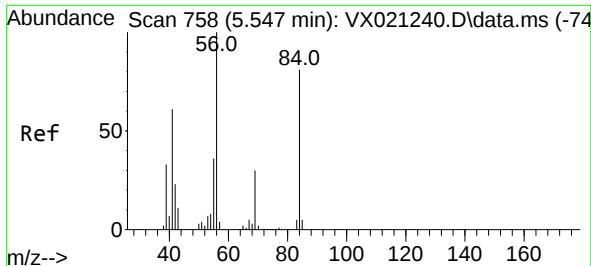


#20
Methylene Chloride
Concen: 0.50 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.001 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31



Tgt Ion: 84 Resp: 461
Ion Ratio Lower Upper
84 100
49 102.2 88.6 132.8
51 55.5 27.0 40.6#
86 39.7 50.3 75.5#

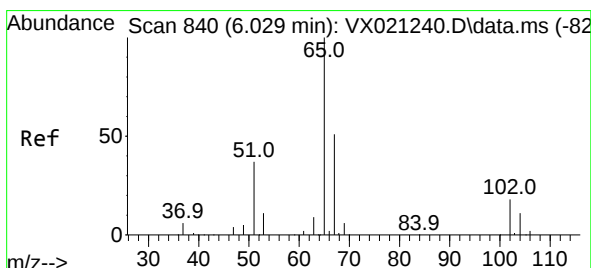
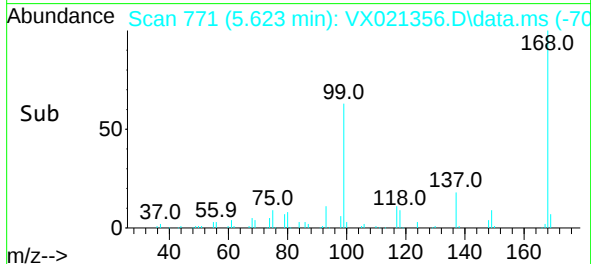
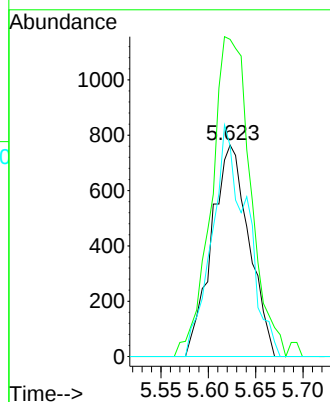
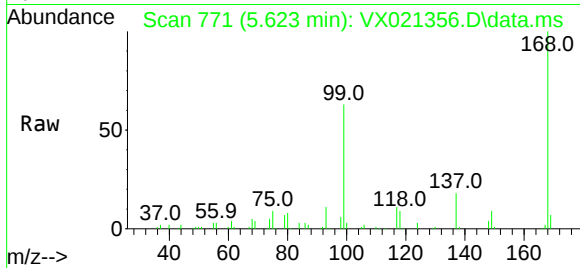




#31
Cyclohexane
Concen: 1.43 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

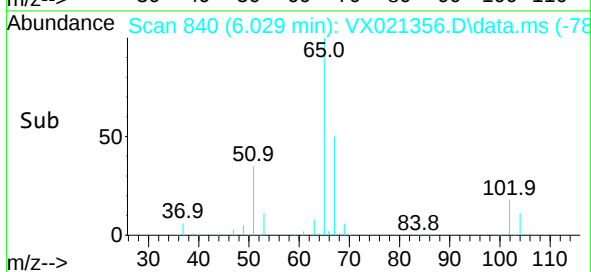
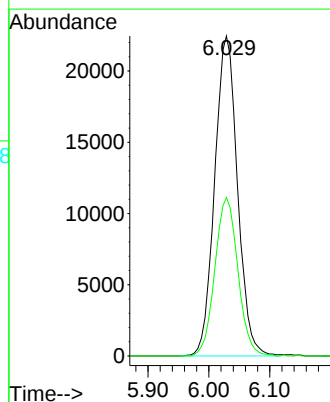
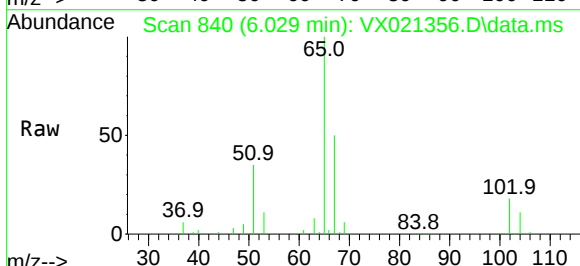
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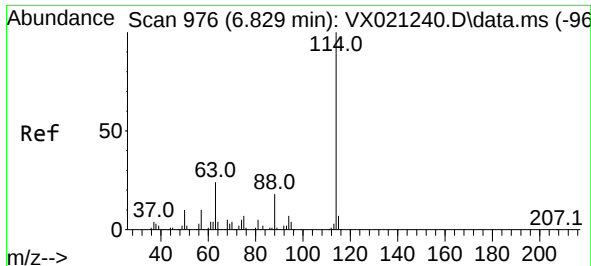
Tgt Ion: 56 Resp: 2101
Ion Ratio Lower Upper
56 100
69 143.3 25.3 37.9#
84 99.6 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 48.21 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

Tgt Ion: 65 Resp: 58506
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

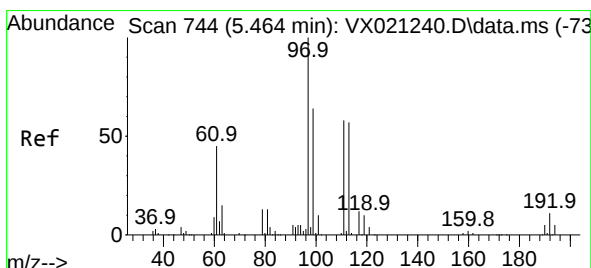
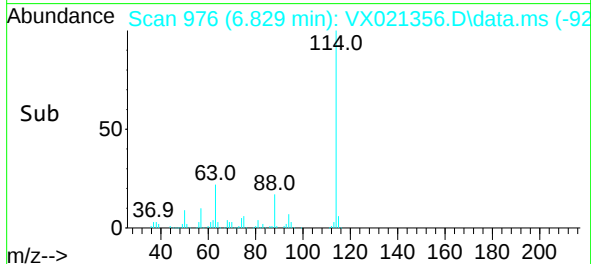
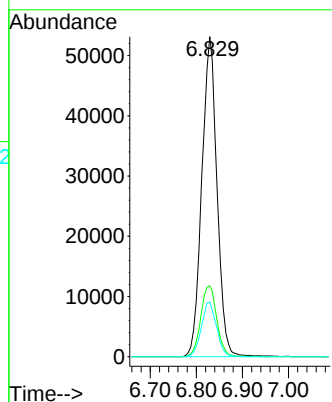
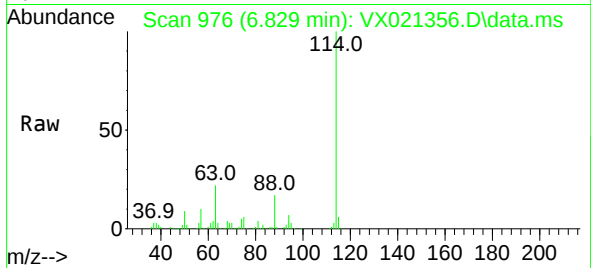




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

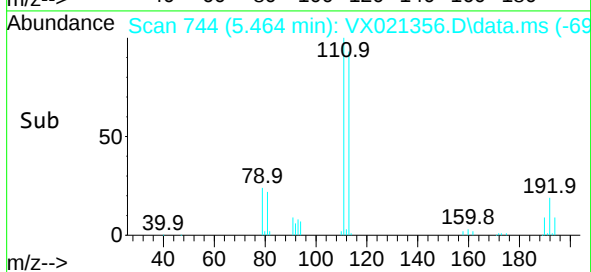
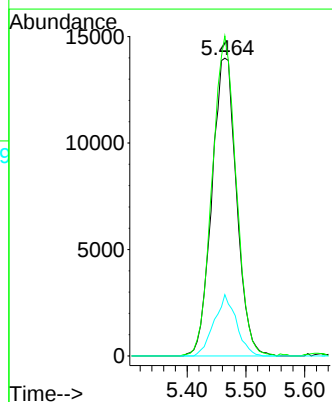
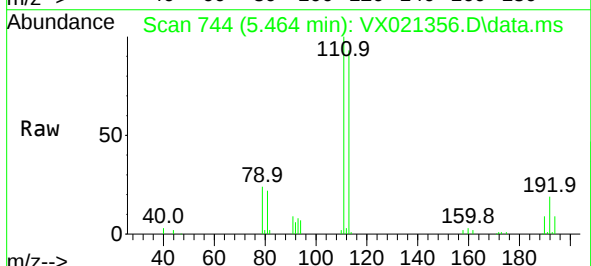
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20210317DL

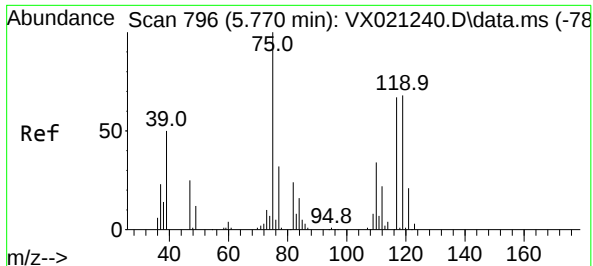
Tgt Ion:114 Resp: 122221
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.8
88 17.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.15 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

Tgt Ion:113 Resp: 40873
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 18.5 16.7 25.1

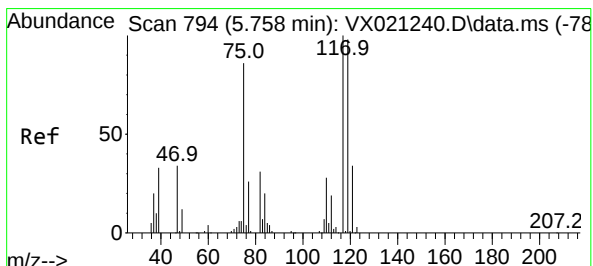
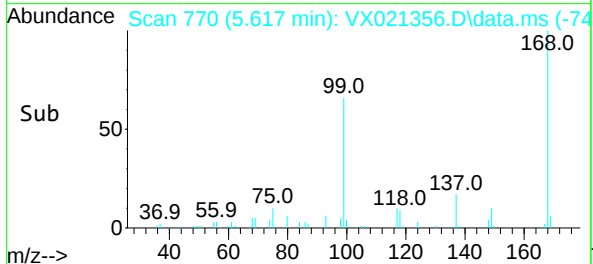
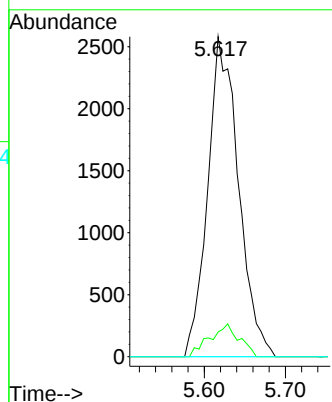
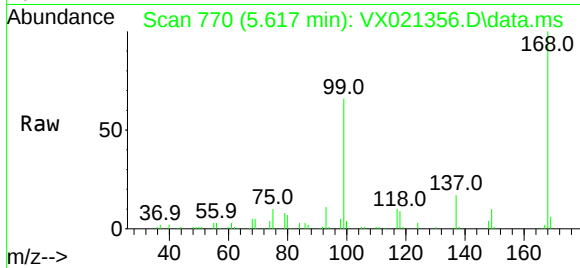




#36
1,1-Dichloropropene
Concen: 5.52 ug/l
RT: 5.617 min Scan# 770
Delta R.T. -0.153 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

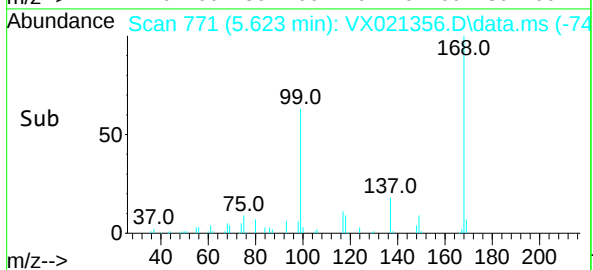
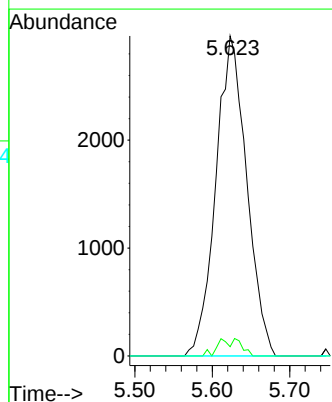
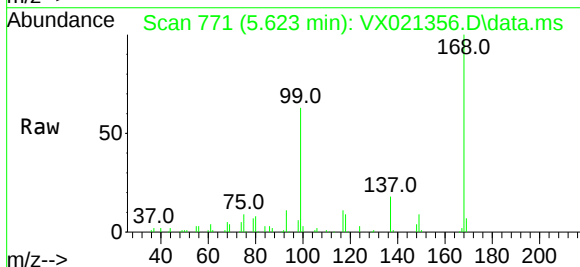
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20210317DL

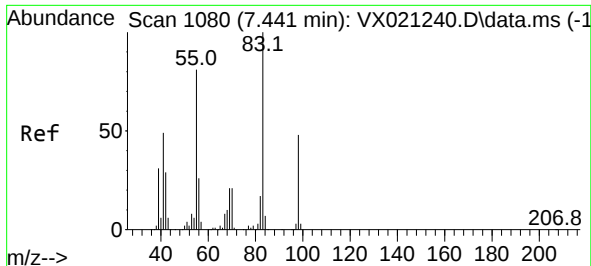
Tgt Ion: 75	Resp: 6796
Ion Ratio	Lower Upper
75 100	
110 9.8	18.1 54.4#
77 0.0	25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.42 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.135 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

Tgt Ion: 117	Resp: 8213
Ion Ratio	Lower Upper
117 100	
119 2.9	76.2 114.2#
121 0.0	24.8 37.2#





#39

Methylcyclohexane

Concen: 0.43 ug/l

RT: 7.182 min Scan# 1036

Delta R.T. -0.259 min

Lab File: VX021356.D

Acq: 22 Mar 2021 14:31

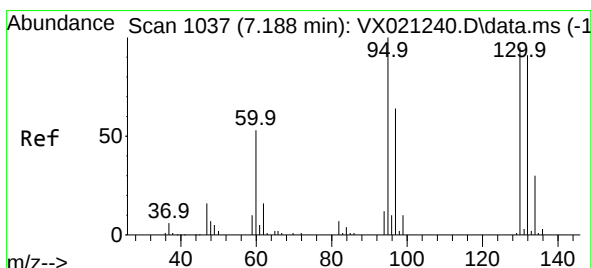
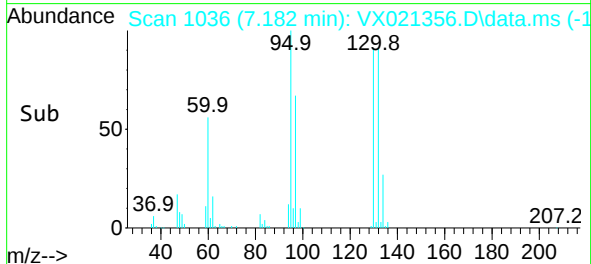
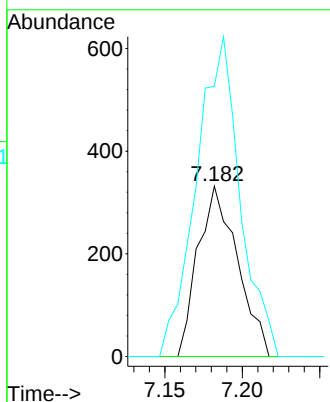
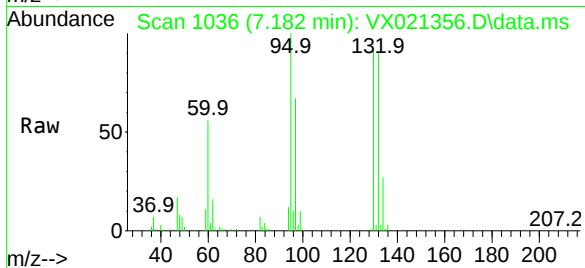
Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20210317DL

Tgt Ion:	83	Resp:	587
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	158.4	38.1	57.1#



#44

Trichloroethene

Concen: 46.60 ug/l

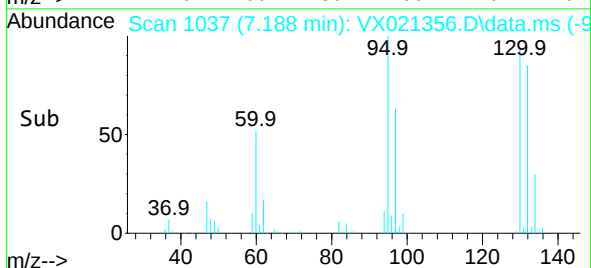
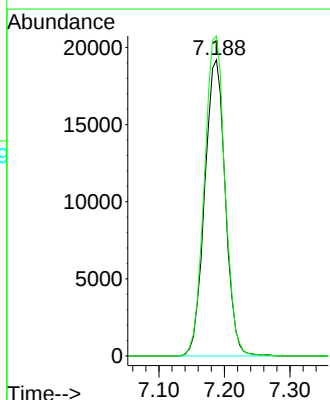
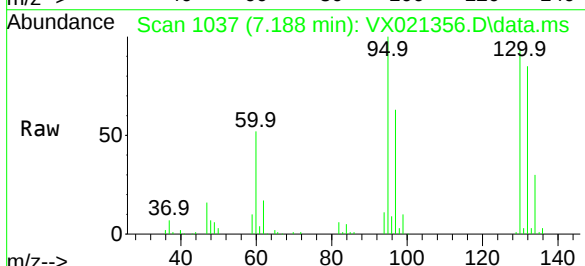
RT: 7.188 min Scan# 1037

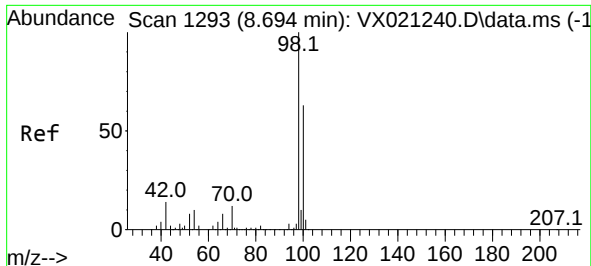
Delta R.T. -0.000 min

Lab File: VX021356.D

Acq: 22 Mar 2021 14:31

Tgt Ion:	130	Resp:	42012
Ion	Ratio	Lower	Upper
130	100		
95	108.0	0.0	198.0

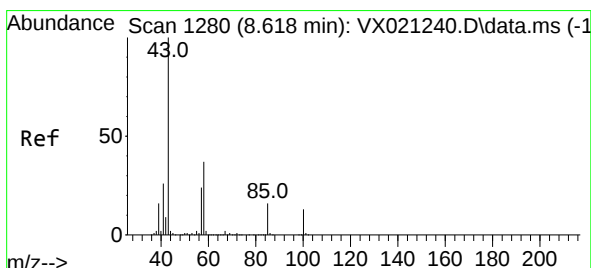
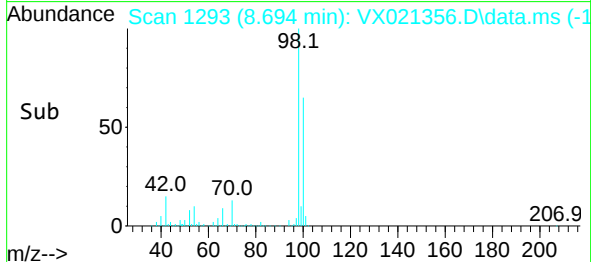
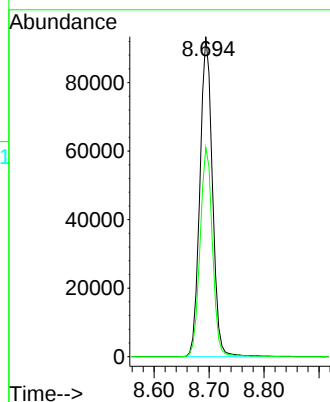
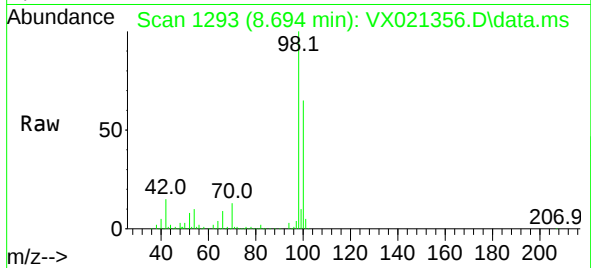




#50
Toluene-d8
Concen: 48.77 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

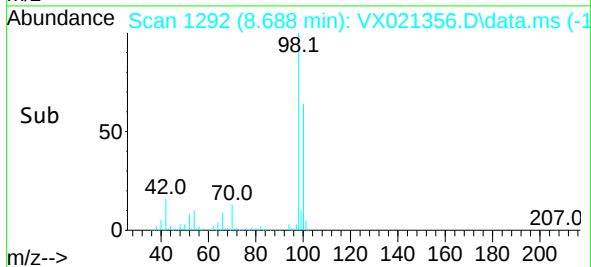
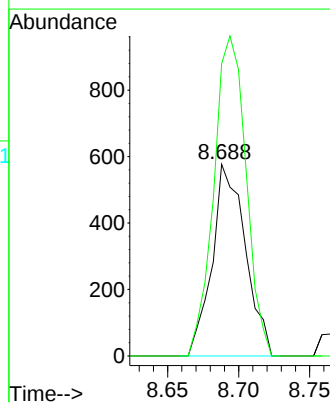
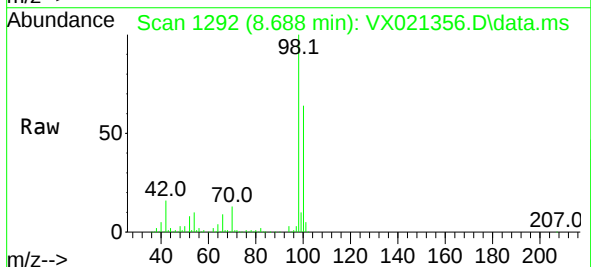
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20210317DL

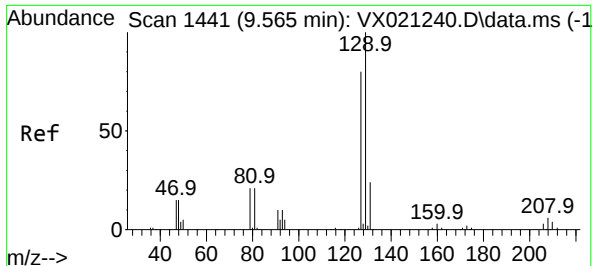
Tgt Ion: 98 Resp: 147177
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.69 ug/l
RT: 8.688 min Scan# 1292
Delta R.T. 0.070 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

Tgt Ion: 43 Resp: 937
Ion Ratio Lower Upper
43 100
58 162.2 35.4 53.0#





#60

Dibromochloromethane

Concen: 0.32 ug/l

RT: 9.323 min Scan# 1400

Delta R.T. -0.242 min

Lab File: VX021356.D

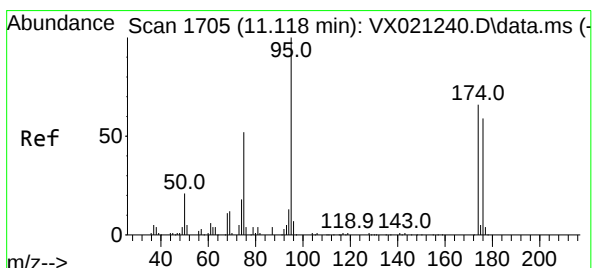
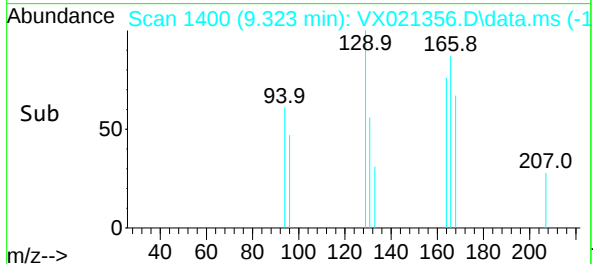
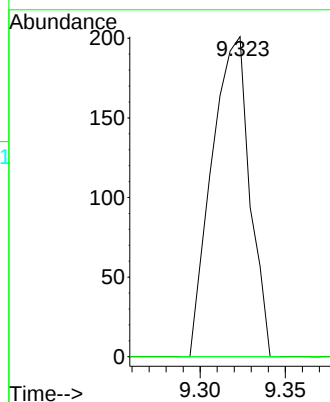
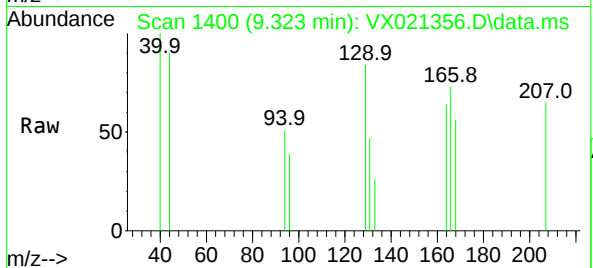
Acq: 22 Mar 2021 14:31

Tgt Ion:129 Resp: 311

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 42.18 ug/l

RT: 11.118 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VX021356.D

Acq: 22 Mar 2021 14:31

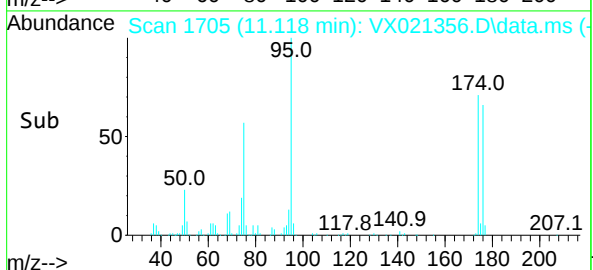
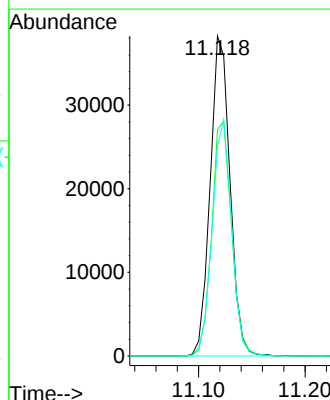
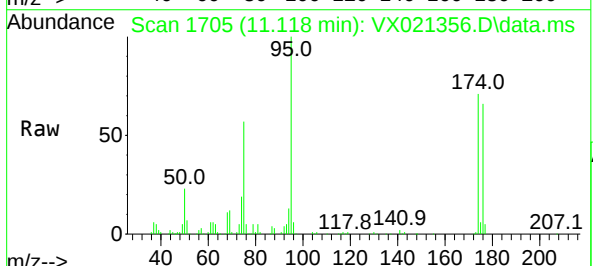
Tgt Ion: 95 Resp: 49429

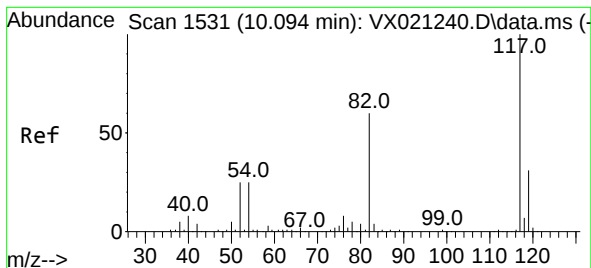
Ion Ratio Lower Upper

95 100

174 73.7 0.0 154.6

176 72.1 0.0 155.8

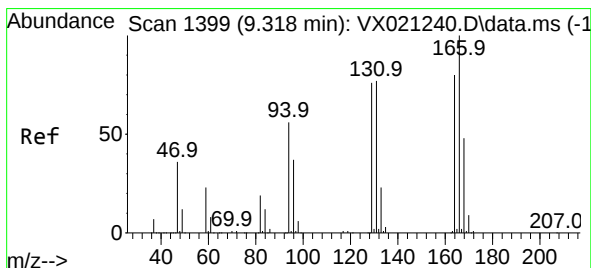
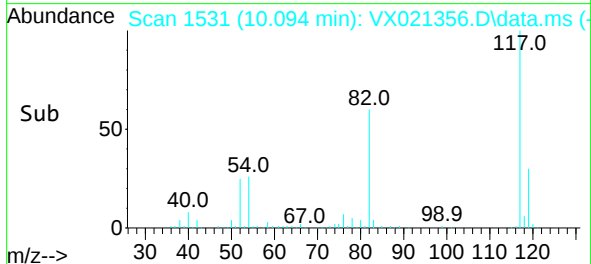
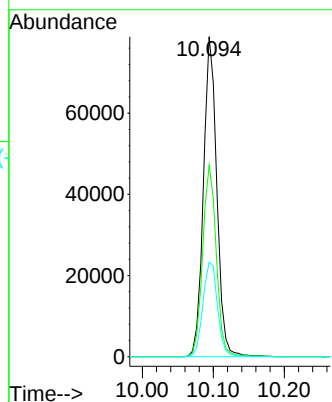
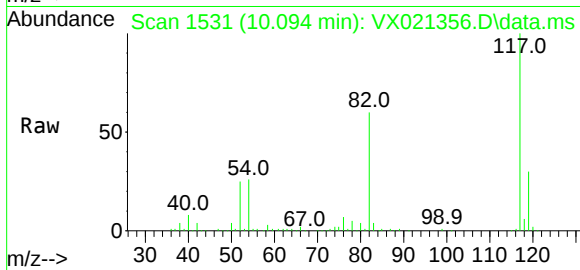




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

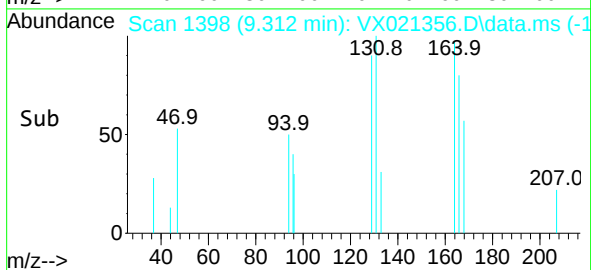
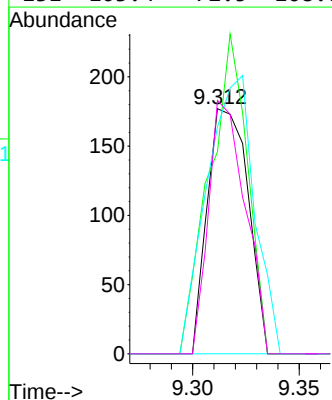
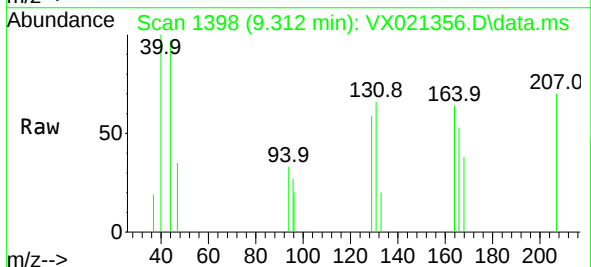
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20210317DL

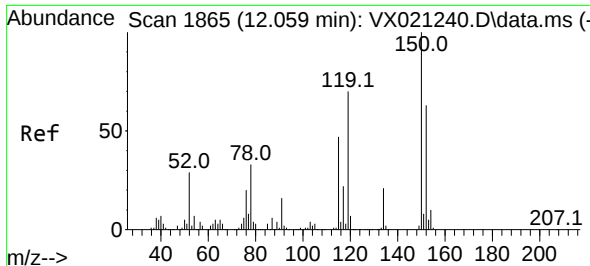
Tgt Ion:117 Resp: 103555
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 29.6 26.6 39.8



#64
Tetrachloroethene
Concen: 0.30 ug/l
RT: 9.312 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

Tgt Ion:164 Resp: 235
Ion Ratio Lower Upper
164 100
166 82.5 103.4 155.2#
129 92.7 70.8 106.2
131 103.4 72.5 108.7

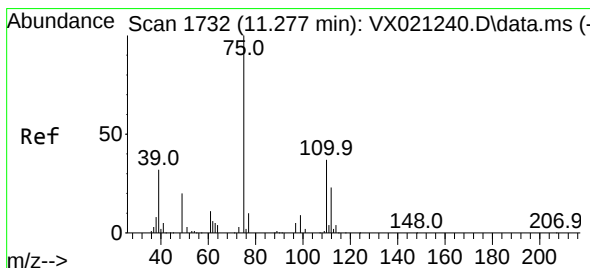
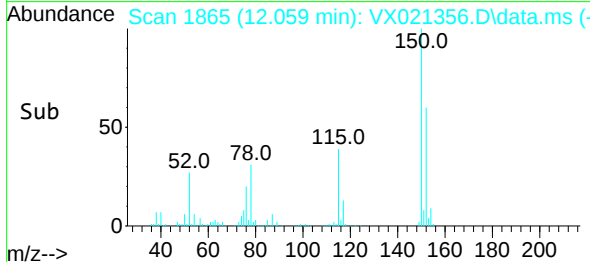
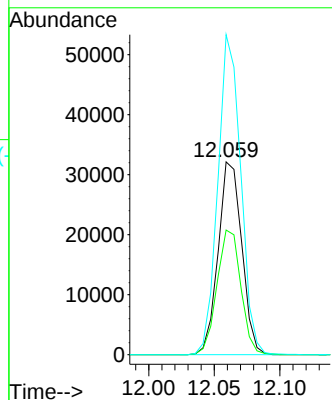
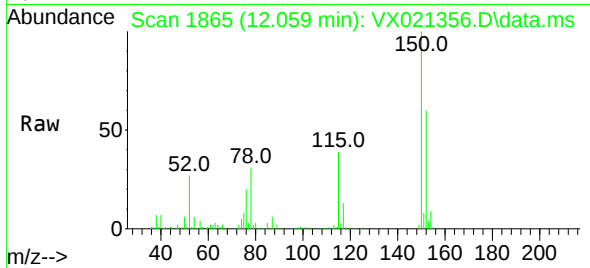




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

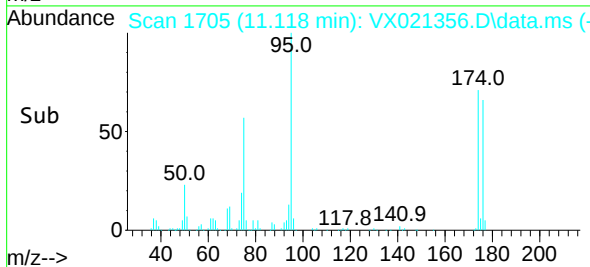
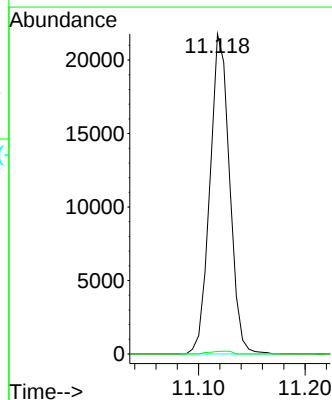
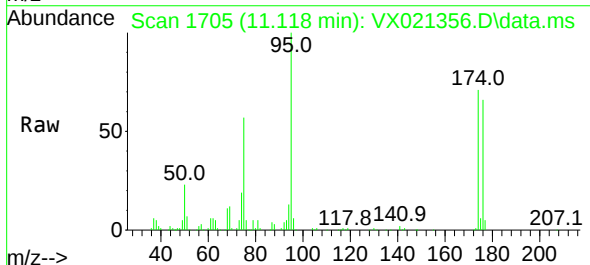
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20210317DL

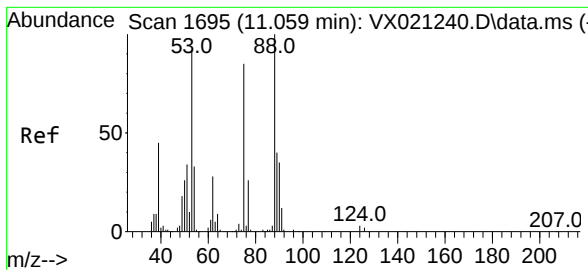
Tgt Ion:152 Resp: 40248
Ion Ratio Lower Upper
152 100
115 65.3 41.1 123.3
150 160.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.86 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021356.D
Acq: 22 Mar 2021 14:31

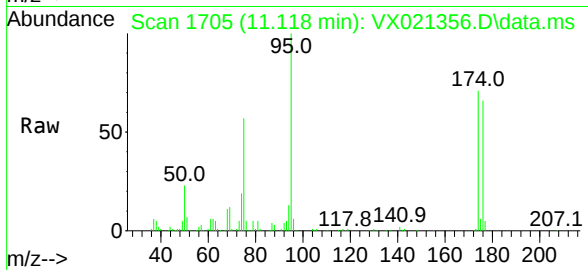
Tgt Ion: 75 Resp: 27882
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.08 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021356.D
 Acq: 22 Mar 2021 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20210317DL



Tgt Ion: 75 Resp: 27882
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

