

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021355.D
 Acq On : 22 Mar 2021 14:08
 Operator : JC/MD
 Sample : M1736-04DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20210317DL

Quant Time: Mar 23 02:00:23 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)

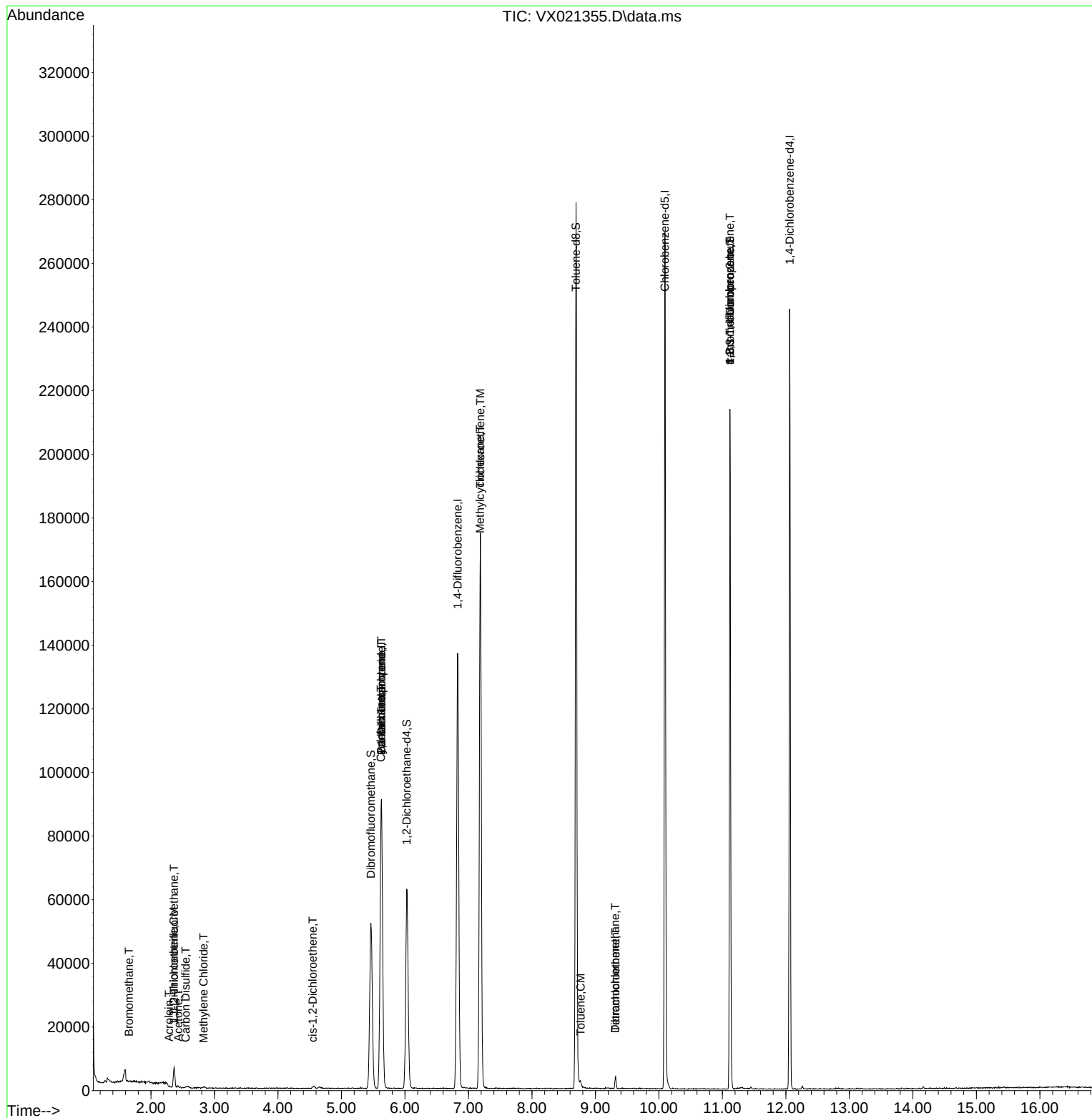
Internal Standards						
1) Pentafluorobenzene	5.629	168	77973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	128784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	110809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	44677	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	61222	47.87	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.74%
35) Dibromofluoromethane	5.464	113	42995	49.06	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.12%
50) Toluene-d8	8.694	98	155524	48.91	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.82%
62) 4-Bromofluorobenzene	11.118	95	54246	43.93	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.86%
Target Compounds						
					Qvalue	
3) Chloromethane	1.311	50	1217	Below Cal		97
5) Bromomethane	1.652	94	140	0.34 ug/l #		2
9) 1,1,2-Trichlorotrifluo...	2.364	101	2064	2.53 ug/l #		93
12) 1,1-Dichloroethene	2.358	96	294	0.37 ug/l		89
13) Acrolein	2.282	56	18	3.26 ug/l #		1
16) Acetone	2.429	43	644	1.37 ug/l #		40
17) Carbon Disulfide	2.546	76	146	0.60 ug/l #		75
20) Methylene Chloride	2.829	84	218	0.23 ug/l #		88
27) cis-1,2-Dichloroethene	4.547	96	449	0.44 ug/l		99
31) Cyclohexane	5.623	56	2053	1.33 ug/l #		33
36) 1,1-Dichloropropene	5.629	75	7085	5.46 ug/l #		49
38) Carbon Tetrachloride	5.629	117	8545	6.34 ug/l #		17
39) Methylcyclohexane	7.182	83	848	0.59 ug/l #		1
44) Trichloroethene	7.188	130	59824	62.98 ug/l		96
52) Toluene	8.765	92	473	0.21 ug/l		89
60) Dibromochloromethane	9.312	129	607	0.59 ug/l #		11
64) Tetrachloroethene	9.318	164	633	0.76 ug/l		89
76) 1,2,3-Trichloropropane	11.118	75	31111	30.02 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	31111	81.50 ug/l #		12

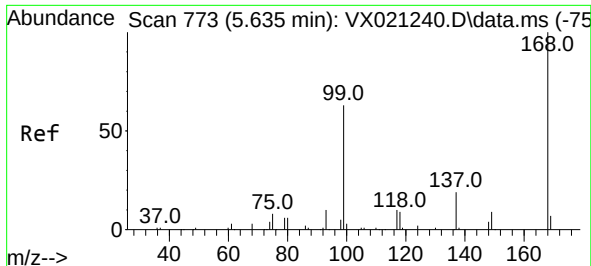
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
RE120D2-20210317DL

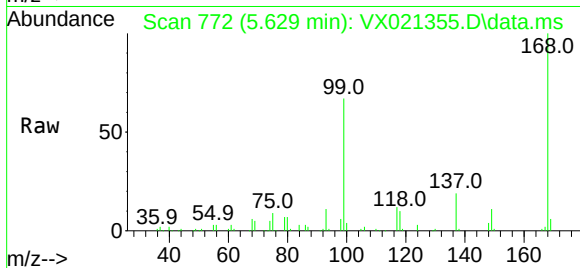
Quant Time: Mar 23 02:00:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
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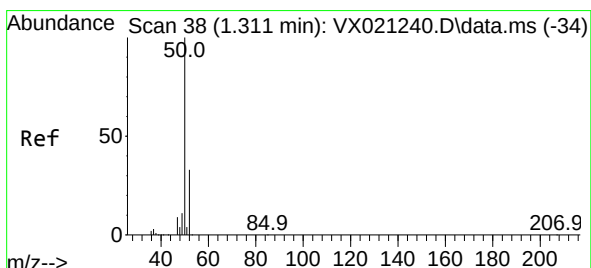
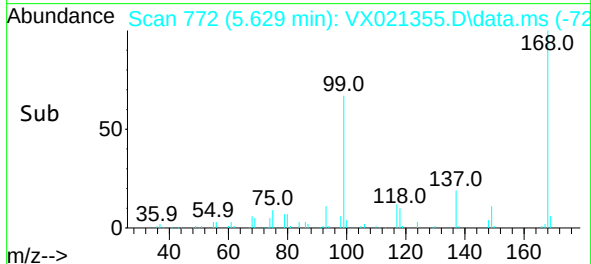
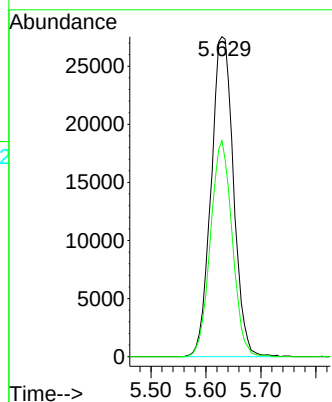


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021355.D
Acq: 22 Mar 2021 14:08

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20210317DL

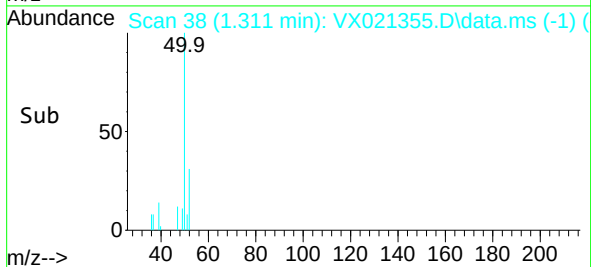
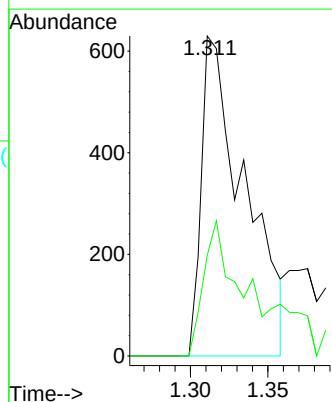
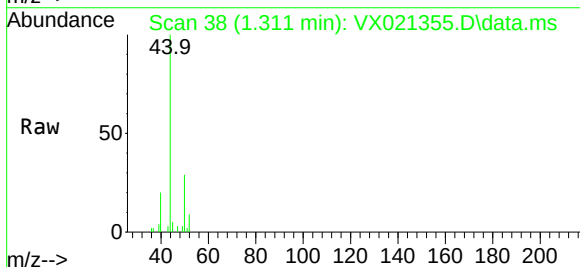


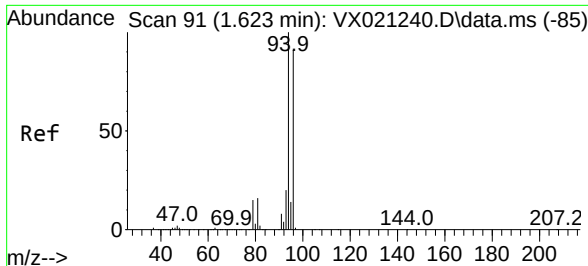
Tgt Ion:168 Resp: 77973
Ion Ratio Lower Upper
168 100
99 67.5 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.311 min Scan# 38
Delta R.T. -0.000 min
Lab File: VX021355.D
Acq: 22 Mar 2021 14:08

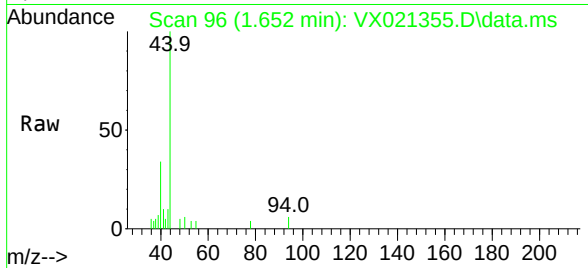
Tgt Ion: 50 Resp: 1217
Ion Ratio Lower Upper
50 100
52 31.4 26.4 39.6



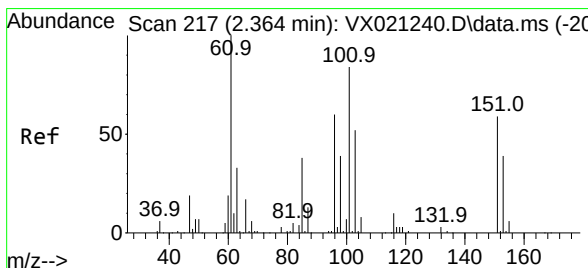
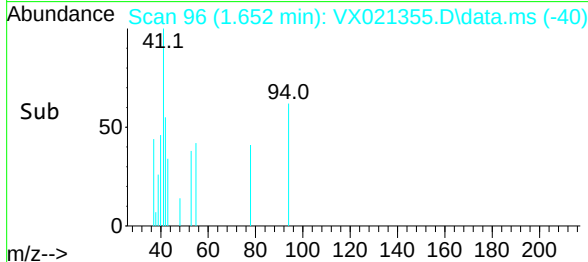
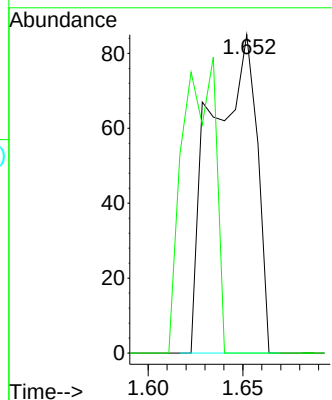


#5
Bromomethane
Concen: 0.34 ug/l
RT: 1.652 min Scan# 96
Delta R.T. 0.029 min
Lab File: VX021355.D
Acq: 22 Mar 2021 14:08

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20210317DL

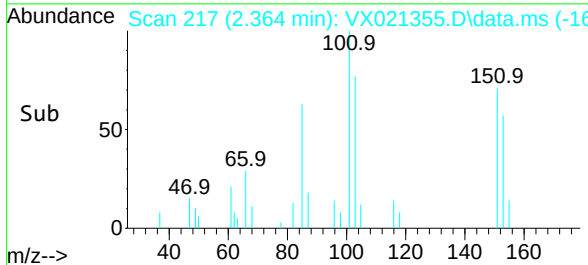
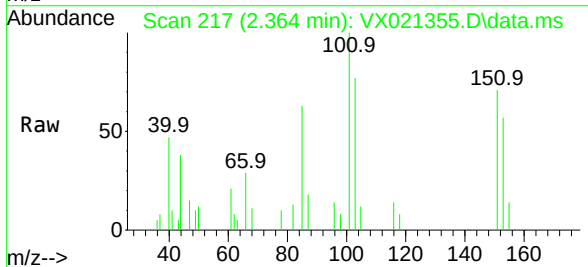
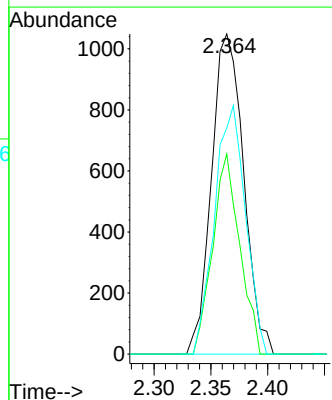


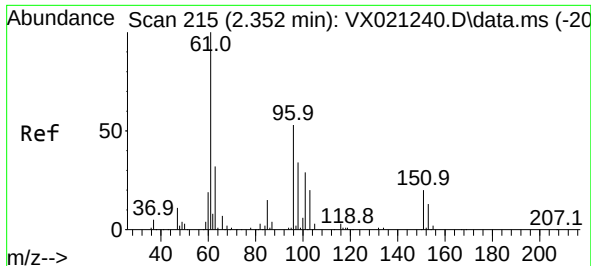
Tgt Ion: 94 Resp: 140
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.53 ug/l
RT: 2.364 min Scan# 217
Delta R.T. -0.000 min
Lab File: VX021355.D
Acq: 22 Mar 2021 14:08

Tgt Ion: 101 Resp: 2064
Ion Ratio Lower Upper
101 100
85 52.7 34.9 52.3#
151 74.9 61.4 92.2





#12

1,1-Dichloroethene

Concen: 0.37 ug/l

RT: 2.358 min Scan# 216

Delta R.T. 0.006 min

Lab File: VX021355.D

Acq: 22 Mar 2021 14:08

Tgt Ion: 96 Resp: 294

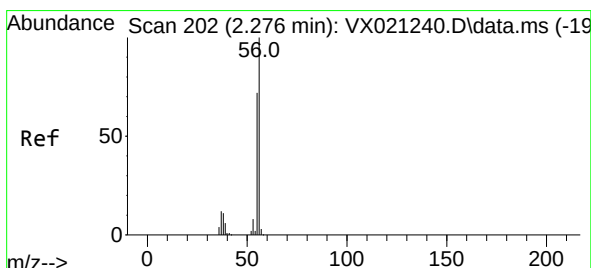
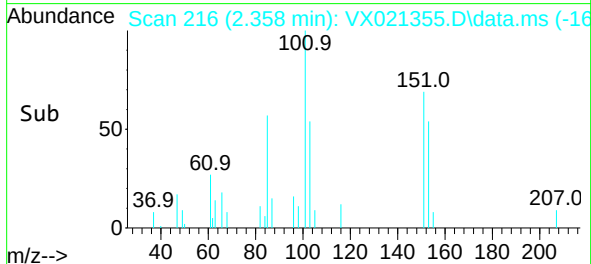
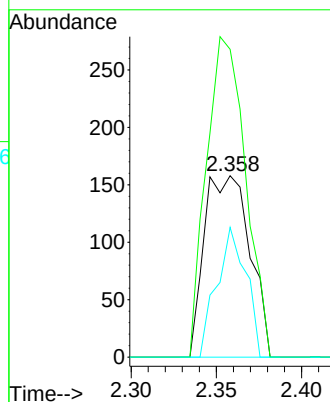
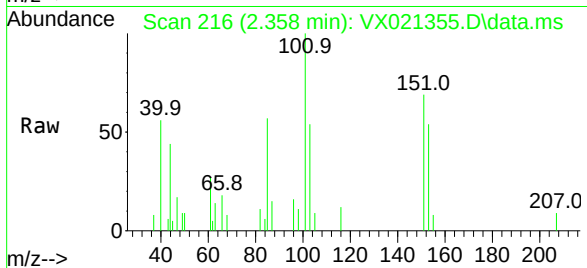
Ion	Ratio	Lower	Upper
96	100		
61	169.6	124.6	187.0
98	71.5	50.6	76.0

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20210317DL



#13

Acrolein

Concen: 3.26 ug/l

RT: 2.282 min Scan# 203

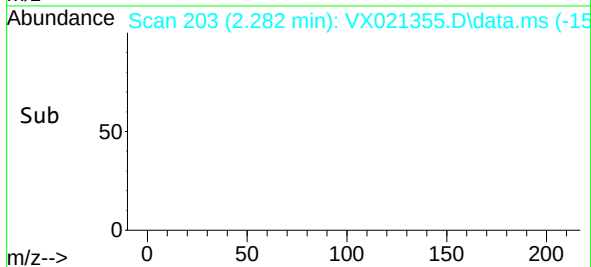
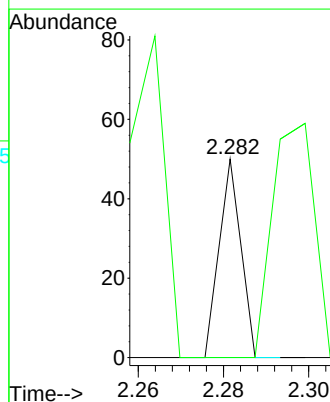
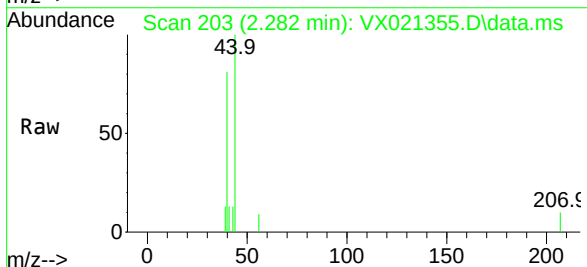
Delta R.T. 0.006 min

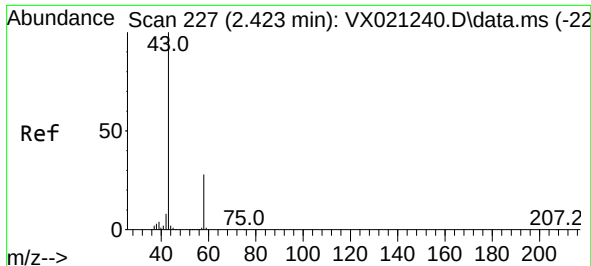
Lab File: VX021355.D

Acq: 22 Mar 2021 14:08

Tgt Ion: 56 Resp: 18

Ion	Ratio	Lower	Upper
56	100		
55	222.2	56.4	84.6#

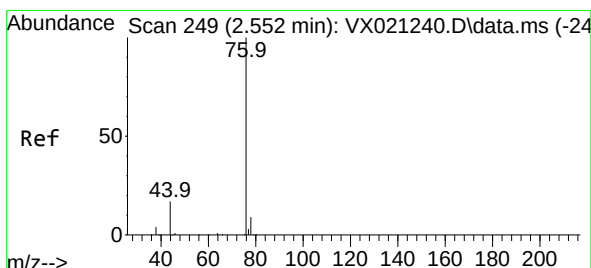
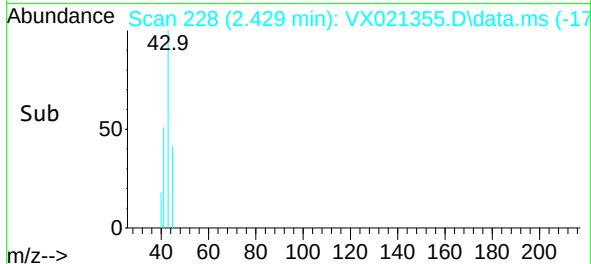
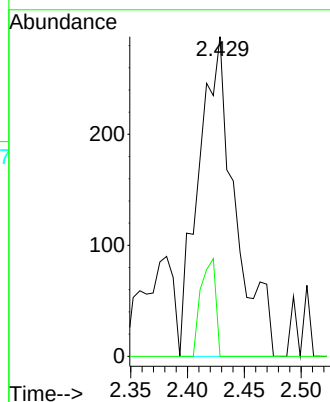
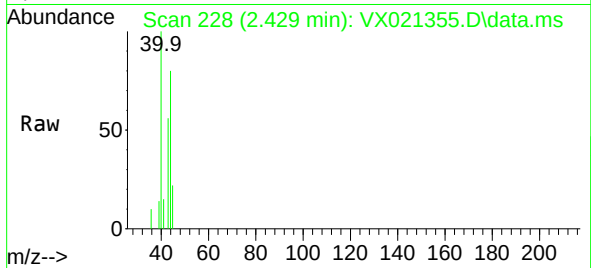




#16
Acetone
Concen: 1.37 ug/l
RT: 2.429 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX021355.D
Acq: 22 Mar 2021 14:08

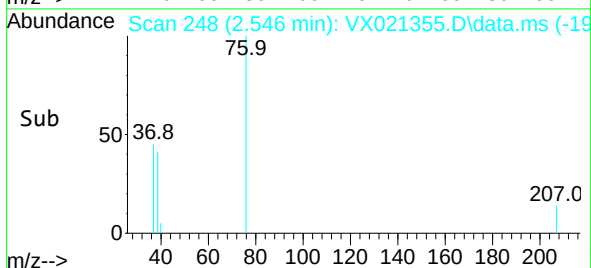
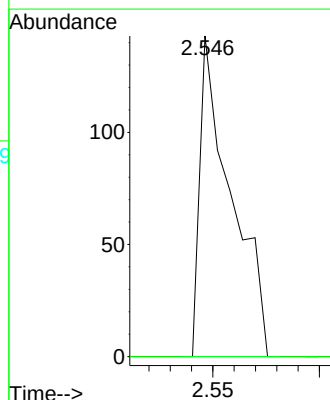
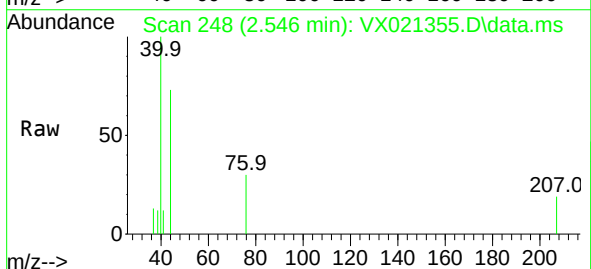
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20210317DL

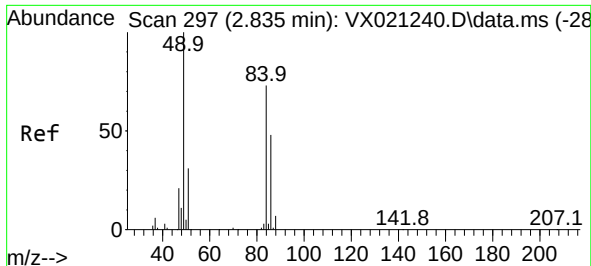
Tgt Ion: 43 Resp: 644
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.60 ug/l
RT: 2.546 min Scan# 248
Delta R.T. -0.006 min
Lab File: VX021355.D
Acq: 22 Mar 2021 14:08

Tgt Ion: 76 Resp: 146
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.23 ug/l

RT: 2.829 min Scan# 296

Delta R.T. -0.006 min

Lab File: VX021355.D

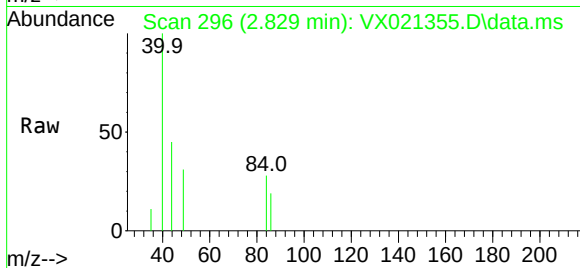
Acq: 22 Mar 2021 14:08

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20210317DL



Tgt Ion: 84 Resp: 218

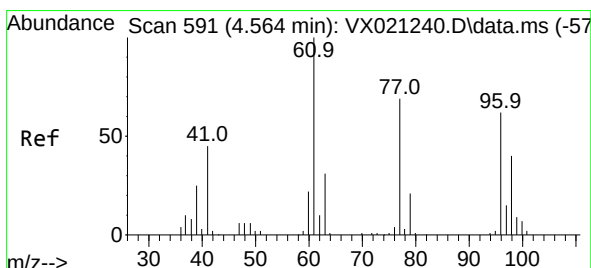
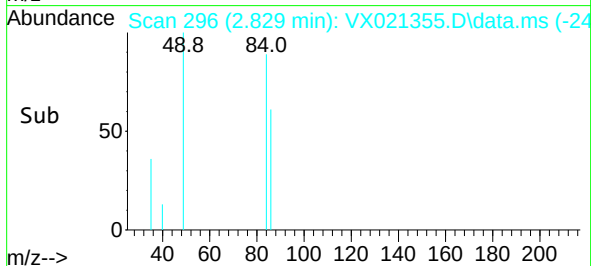
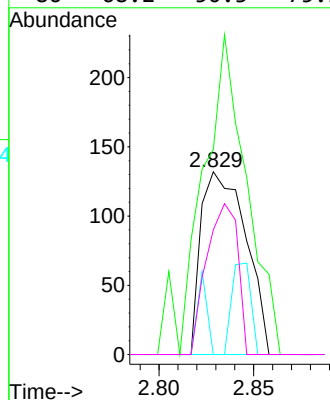
Ion Ratio Lower Upper

84 100

49 112.1 88.6 132.8

51 0.0 27.0 40.6#

86 68.2 50.3 75.5



#27

cis-1,2-Dichloroethene

Concen: 0.44 ug/l

RT: 4.547 min Scan# 588

Delta R.T. -0.017 min

Lab File: VX021355.D

Acq: 22 Mar 2021 14:08

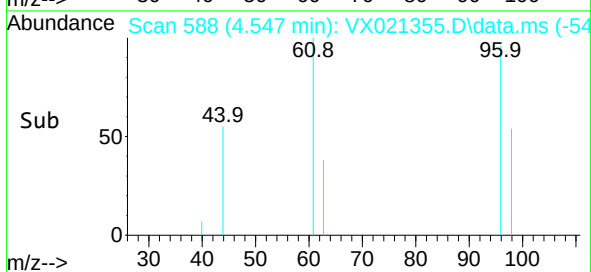
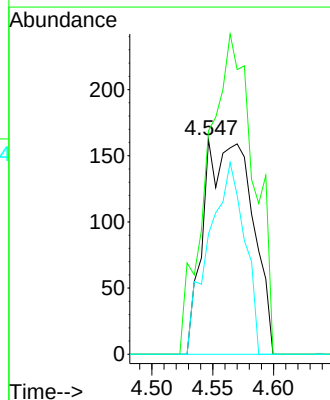
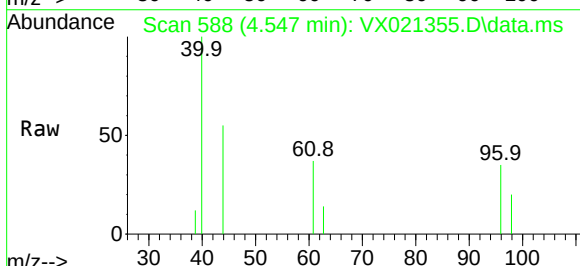
Tgt Ion: 96 Resp: 449

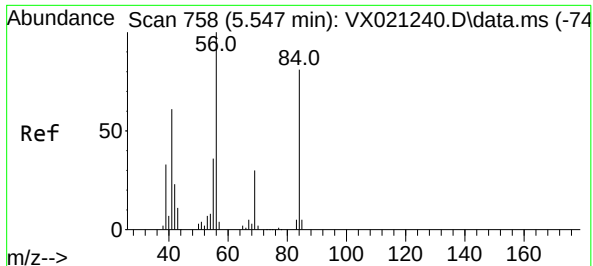
Ion Ratio Lower Upper

96 100

61 143.7 0.0 285.6

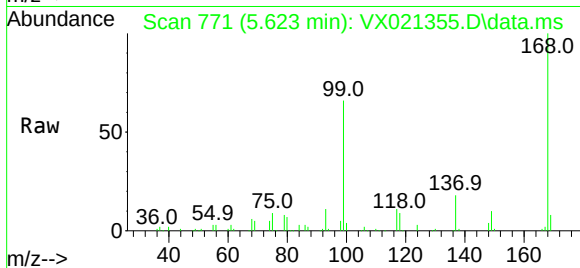
98 66.1 0.0 129.6



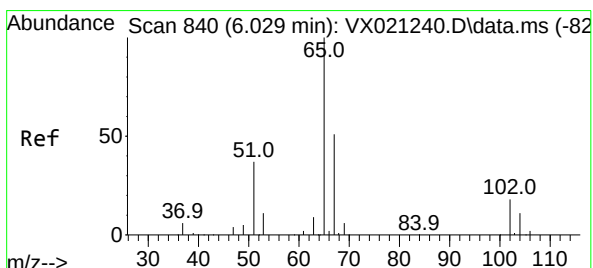
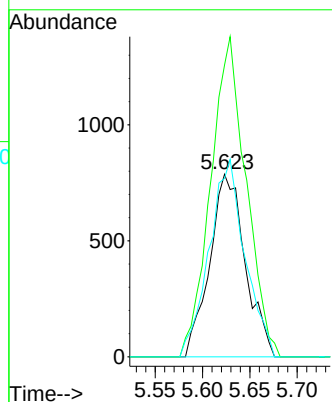
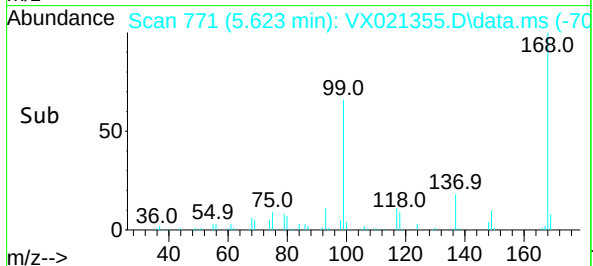


#31
Cyclohexane
Concen: 1.33 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021355.D
Acq: 22 Mar 2021 14:08

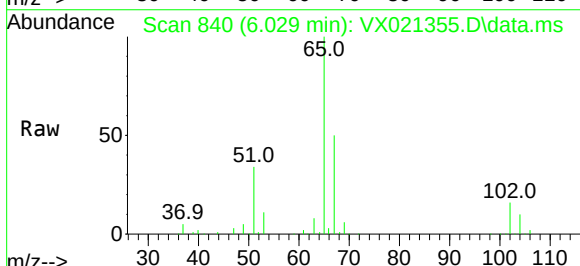
Instrument :
MSVOA_X
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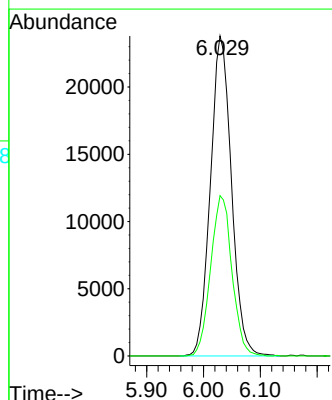
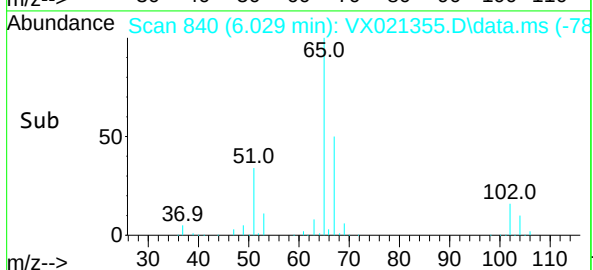
Tgt Ion: 56 Resp: 2053
Ion Ratio Lower Upper
56 100
69 159.7 25.3 37.9#
84 97.7 71.4 107.0

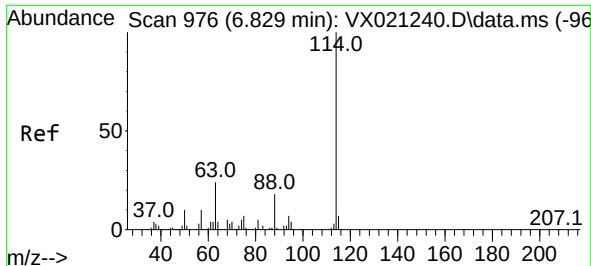


#33
1,2-Dichloroethane-d4
Concen: 47.87 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021355.D
Acq: 22 Mar 2021 14:08



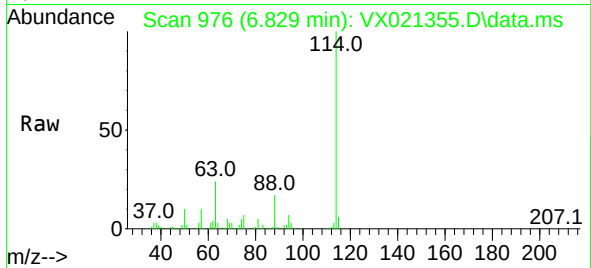
Tgt Ion: 65 Resp: 61222
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4



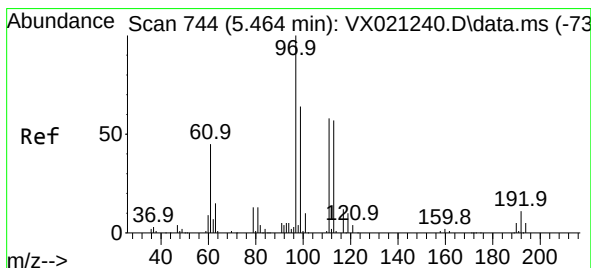
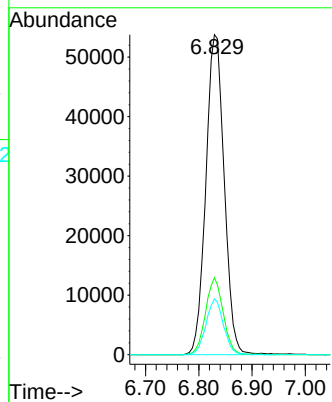
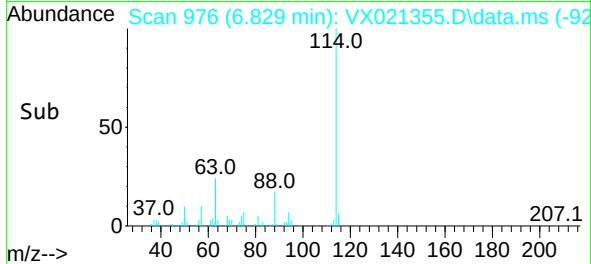


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021355.D
Acq: 22 Mar 2021 14:08

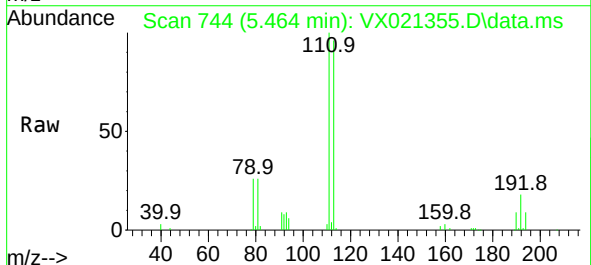
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20210317DL



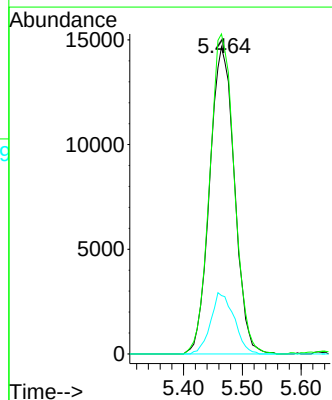
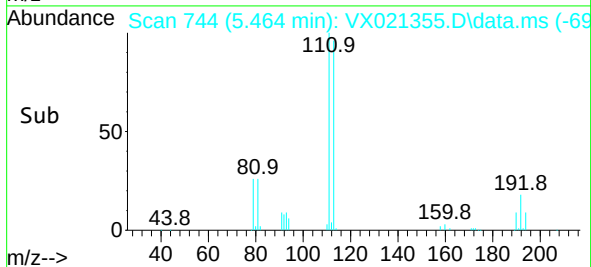
Tgt Ion:114 Resp: 128784
Ion Ratio Lower Upper
114 100
63 24.0 0.0 40.8
88 17.4 0.0 32.8

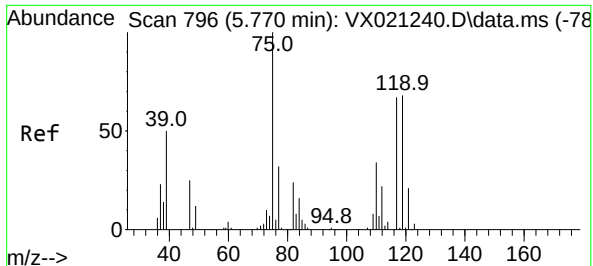


#35
Dibromofluoromethane
Concen: 49.06 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021355.D
Acq: 22 Mar 2021 14:08



Tgt Ion:113 Resp: 42995
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 18.8 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.46 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.141 min

Lab File: VX021355.D

Acq: 22 Mar 2021 14:08

Tgt Ion: 75 Resp: 7085

Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.4#

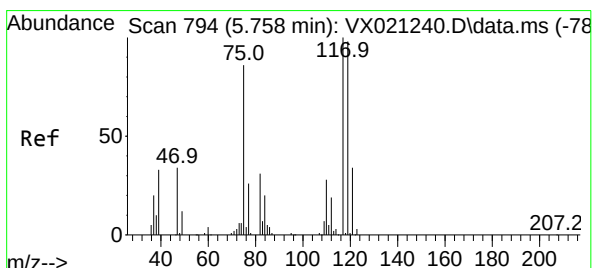
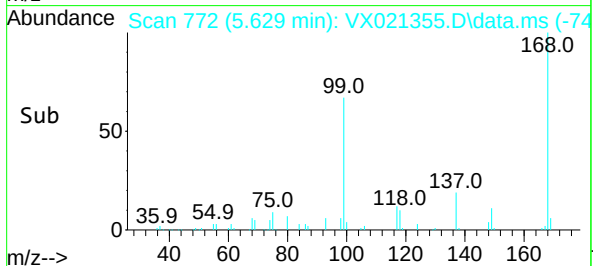
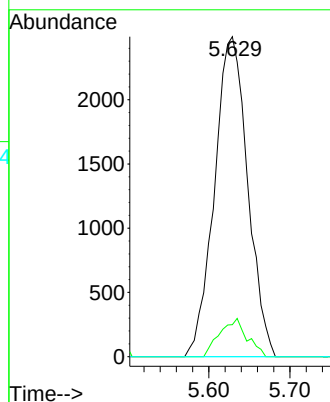
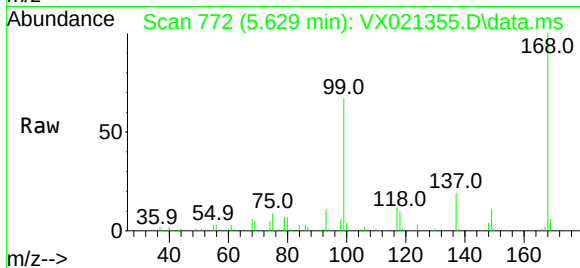
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20210317DL



#38

Carbon Tetrachloride

Concen: 6.34 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.129 min

Lab File: VX021355.D

Acq: 22 Mar 2021 14:08

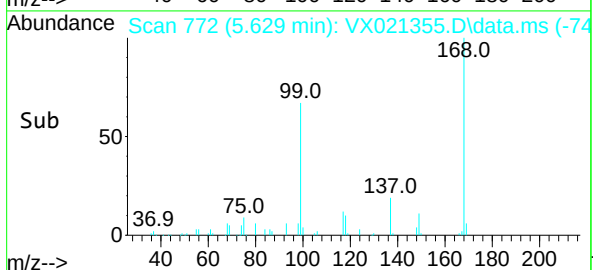
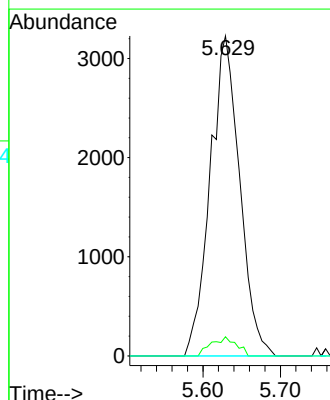
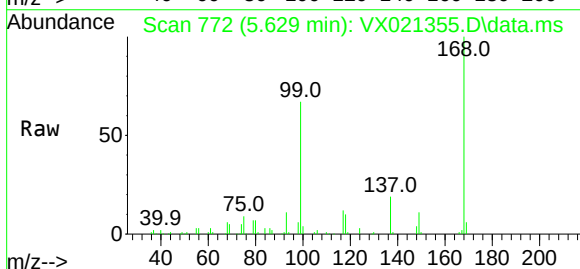
Tgt Ion: 117 Resp: 8545

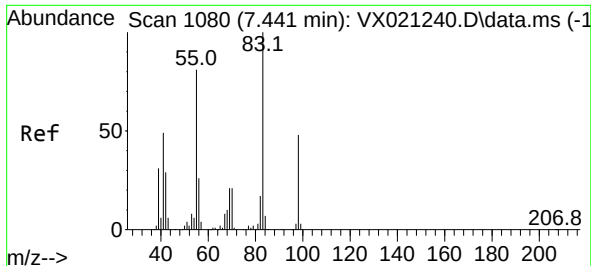
Ion Ratio Lower Upper

117 100

119 6.0 76.2 114.2#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.59 ug/l

RT: 7.182 min Scan# 1036

Delta R.T. -0.259 min

Lab File: VX021355.D

Acq: 22 Mar 2021 14:08

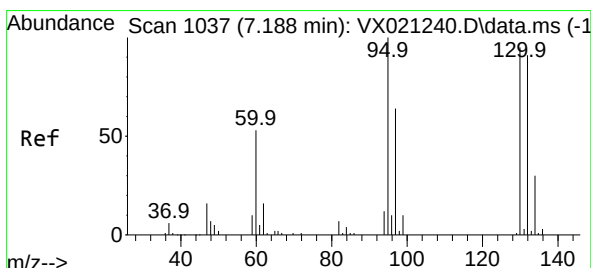
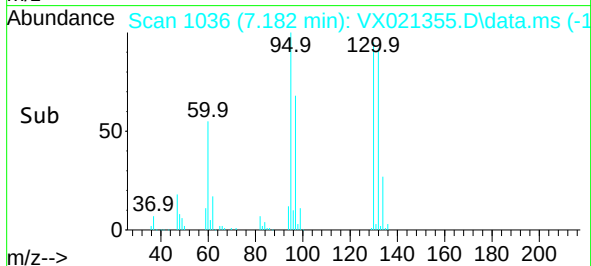
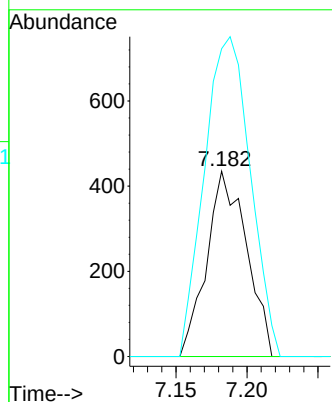
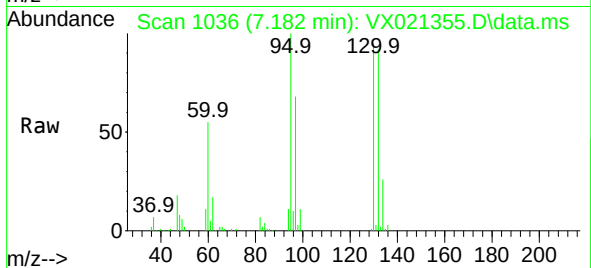
Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20210317DL

Tgt Ion:	83	Resp:	848
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	166.2	38.1	57.1#



#44

Trichloroethene

Concen: 62.98 ug/l

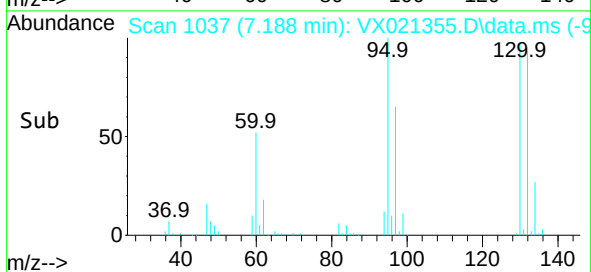
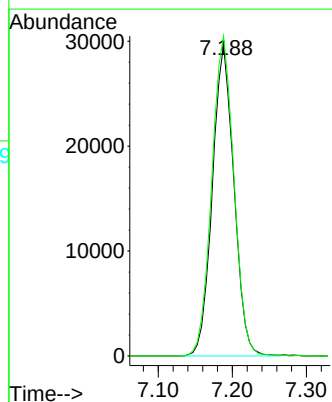
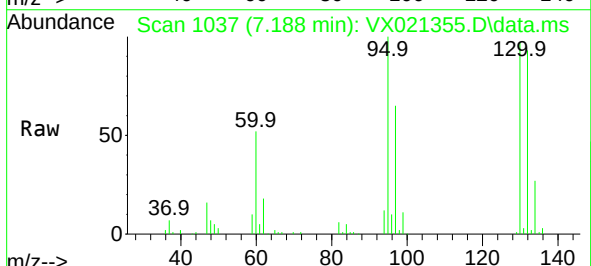
RT: 7.188 min Scan# 1037

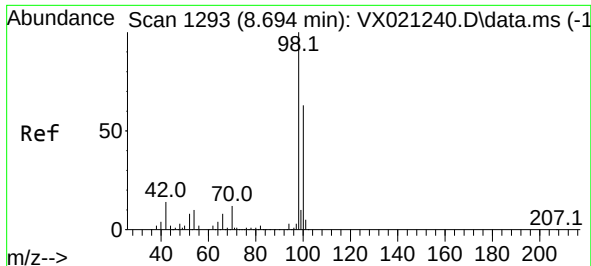
Delta R.T. 0.000 min

Lab File: VX021355.D

Acq: 22 Mar 2021 14:08

Tgt Ion:	130	Resp:	59824
Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	198.0

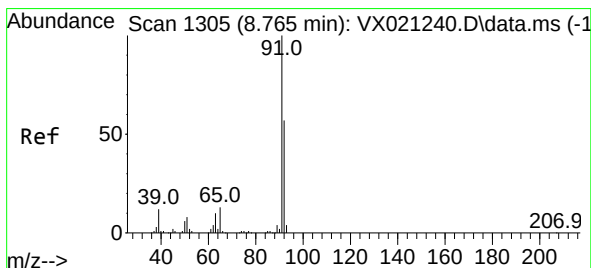
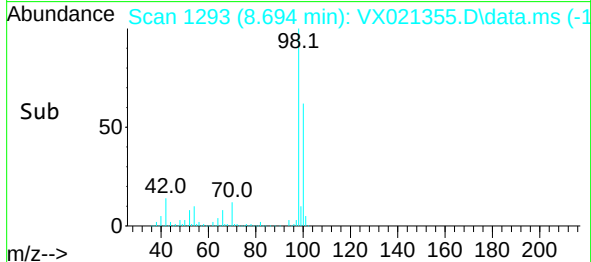
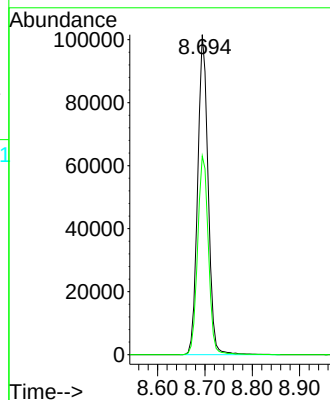
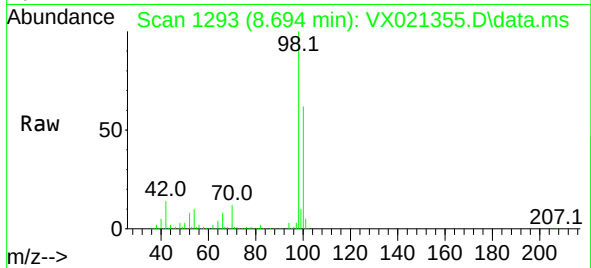




#50
Toluene-d8
Concen: 48.91 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021355.D
Acq: 22 Mar 2021 14:08

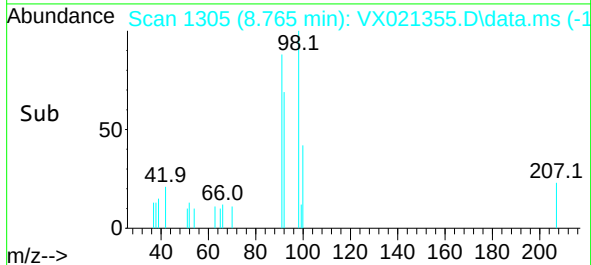
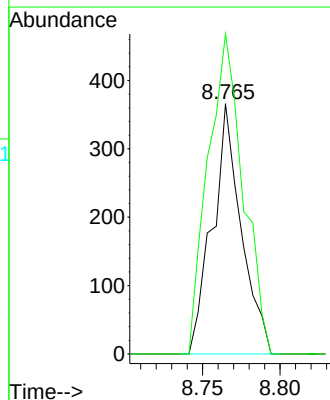
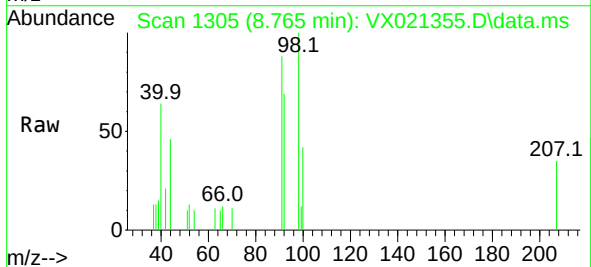
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20210317DL

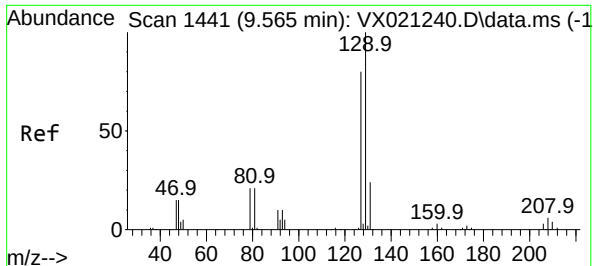
Tgt Ion: 98 Resp: 155524
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#52
Toluene
Concen: 0.21 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021355.D
Acq: 22 Mar 2021 14:08

Tgt Ion: 92 Resp: 473
Ion Ratio Lower Upper
92 100
91 155.8 137.1 205.7

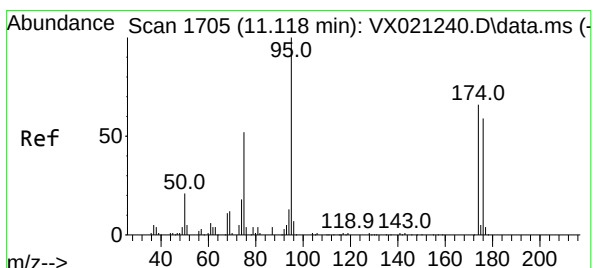
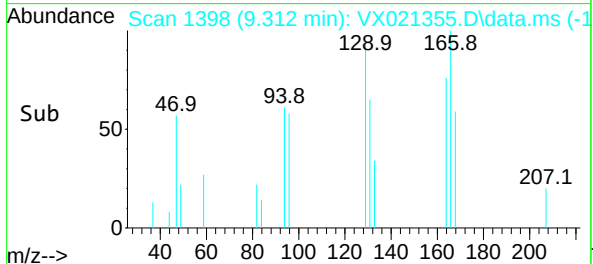
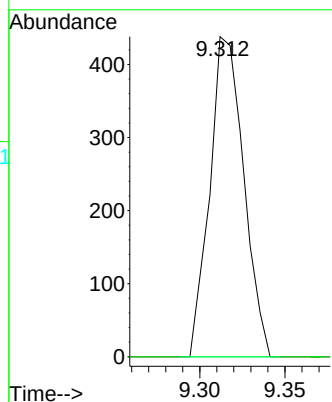
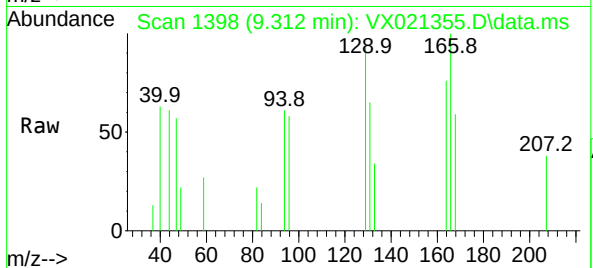




#60
Dibromochloromethane
Concen: 0.59 ug/l
RT: 9.312 min Scan# 1398
Delta R.T. -0.253 min
Lab File: VX021355.D
Acq: 22 Mar 2021 14:08

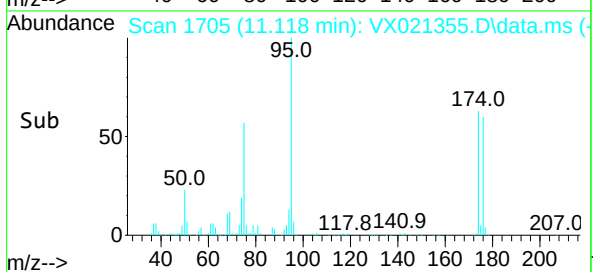
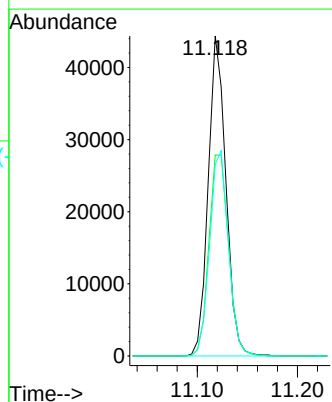
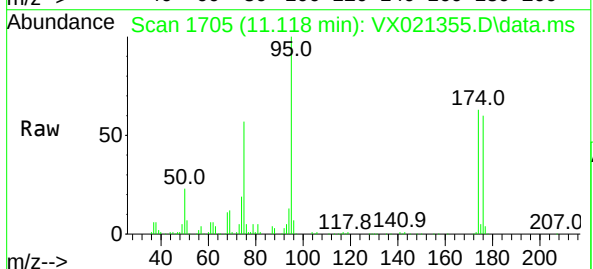
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20210317DL

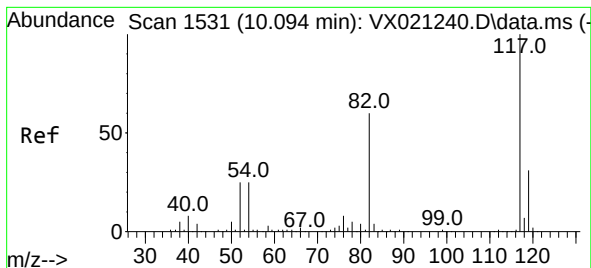
Tgt Ion:129 Resp: 607
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 43.93 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021355.D
Acq: 22 Mar 2021 14:08

Tgt Ion: 95 Resp: 54246
Ion Ratio Lower Upper
95 100
174 69.9 0.0 154.6
176 67.9 0.0 155.8

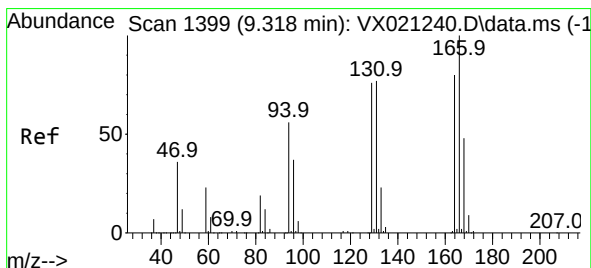
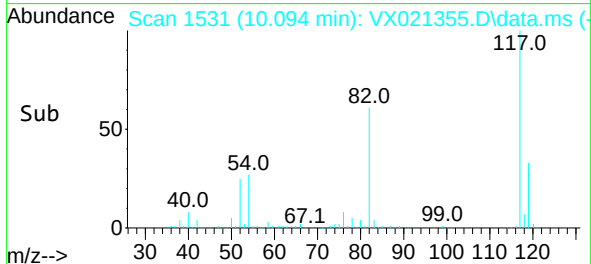
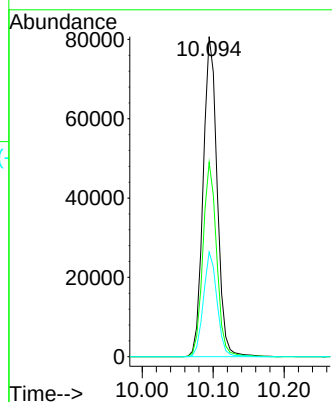
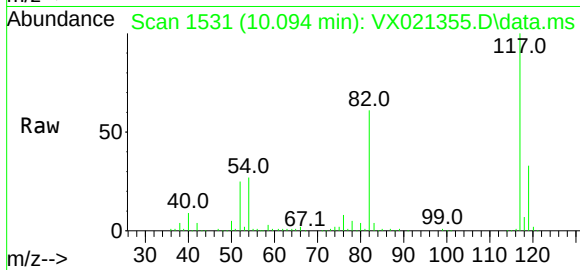




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021355.D
Acq: 22 Mar 2021 14:08

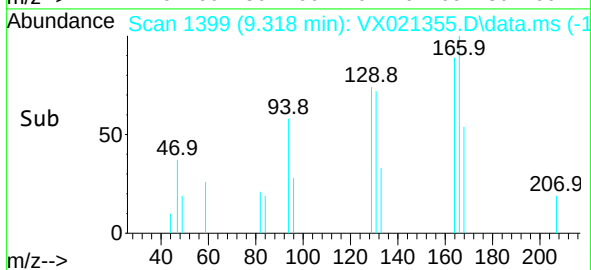
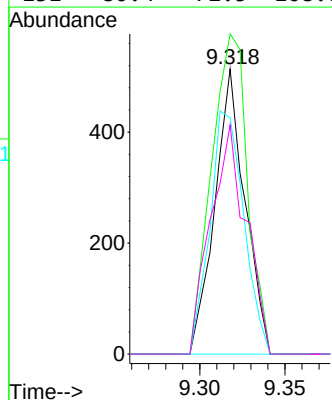
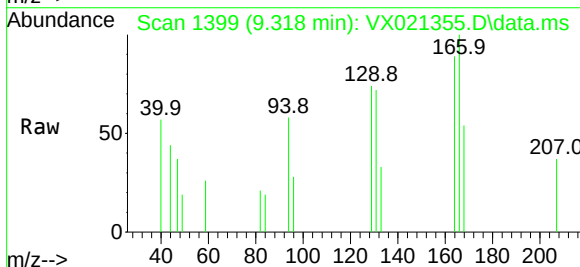
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20210317DL

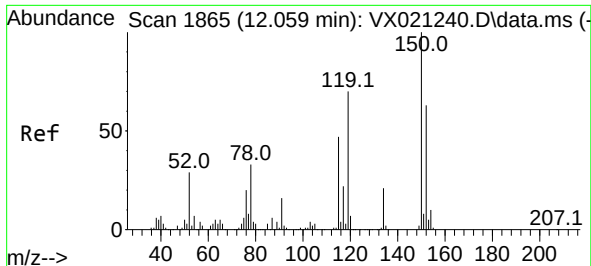
Tgt Ion:117 Resp: 110809
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 32.7 26.6 39.8



#64
Tetrachloroethene
Concen: 0.76 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021355.D
Acq: 22 Mar 2021 14:08

Tgt Ion:164 Resp: 633
Ion Ratio Lower Upper
164 100
166 112.3 103.4 155.2
129 82.9 70.8 106.2
131 80.4 72.5 108.7

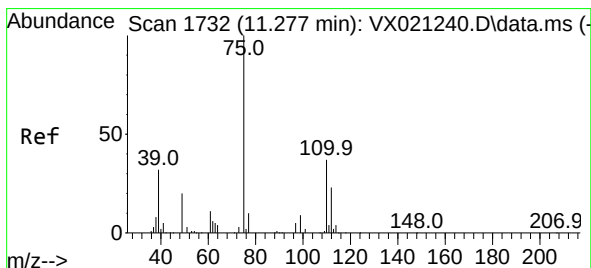
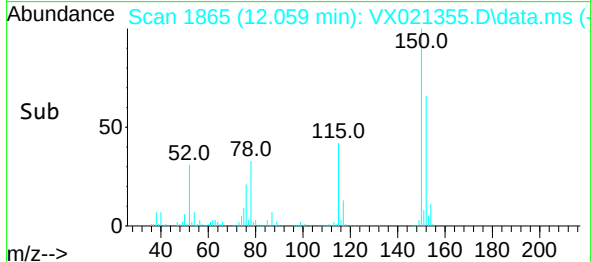
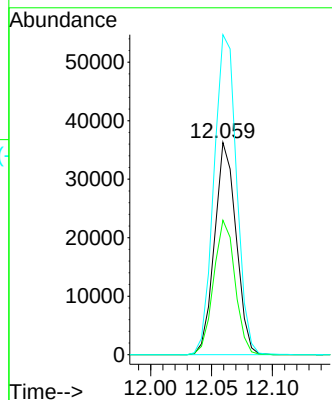
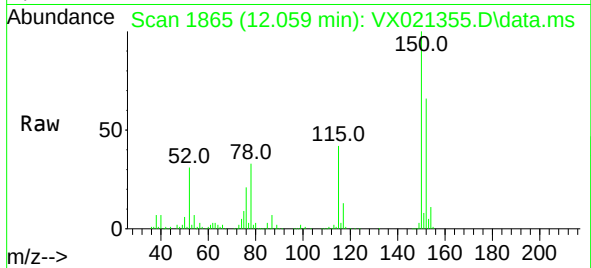




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021355.D
 Acq: 22 Mar 2021 14:08

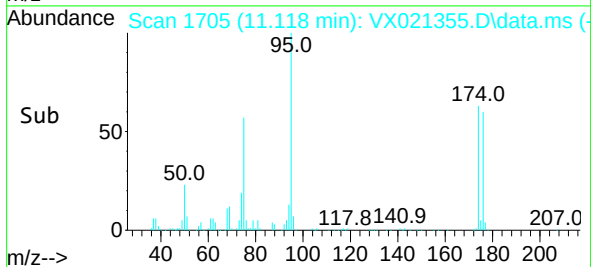
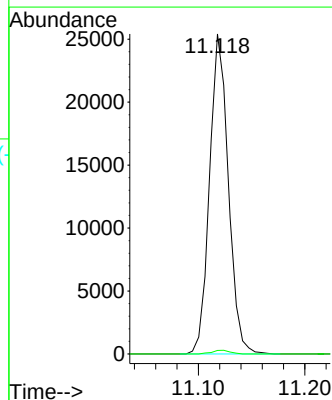
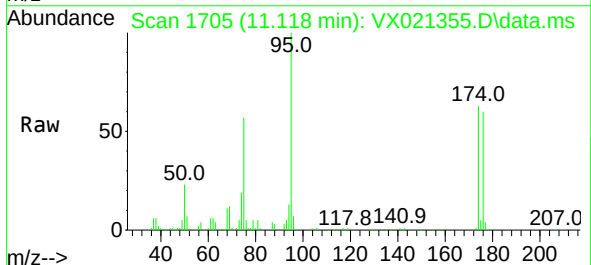
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20210317DL

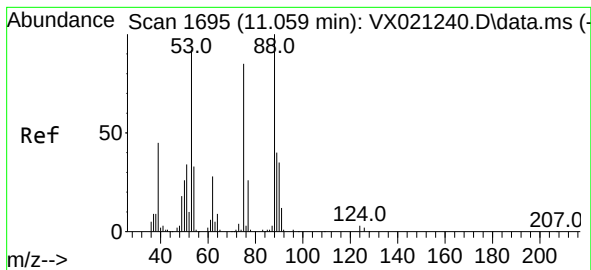
Tgt Ion:152 Resp: 44677
 Ion Ratio Lower Upper
 152 100
 115 63.0 41.1 123.3
 150 158.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 30.02 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021355.D
 Acq: 22 Mar 2021 14:08

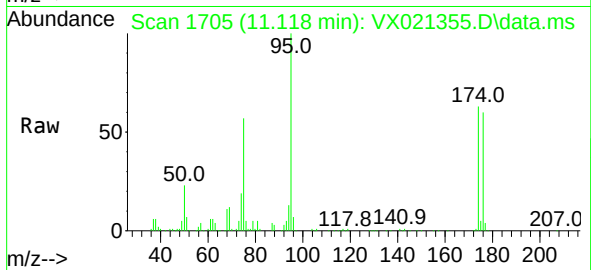
Tgt Ion: 75 Resp: 31111
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.50 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021355.D
 Acq: 22 Mar 2021 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20210317DL



Tgt Ion: 75 Resp: 31111
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

