

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021666.D
 Acq On : 31 Mar 2021 06:08
 Operator : JC/MD
 Sample : M1842-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D2-20210323

Quant Time: Mar 31 06:54:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

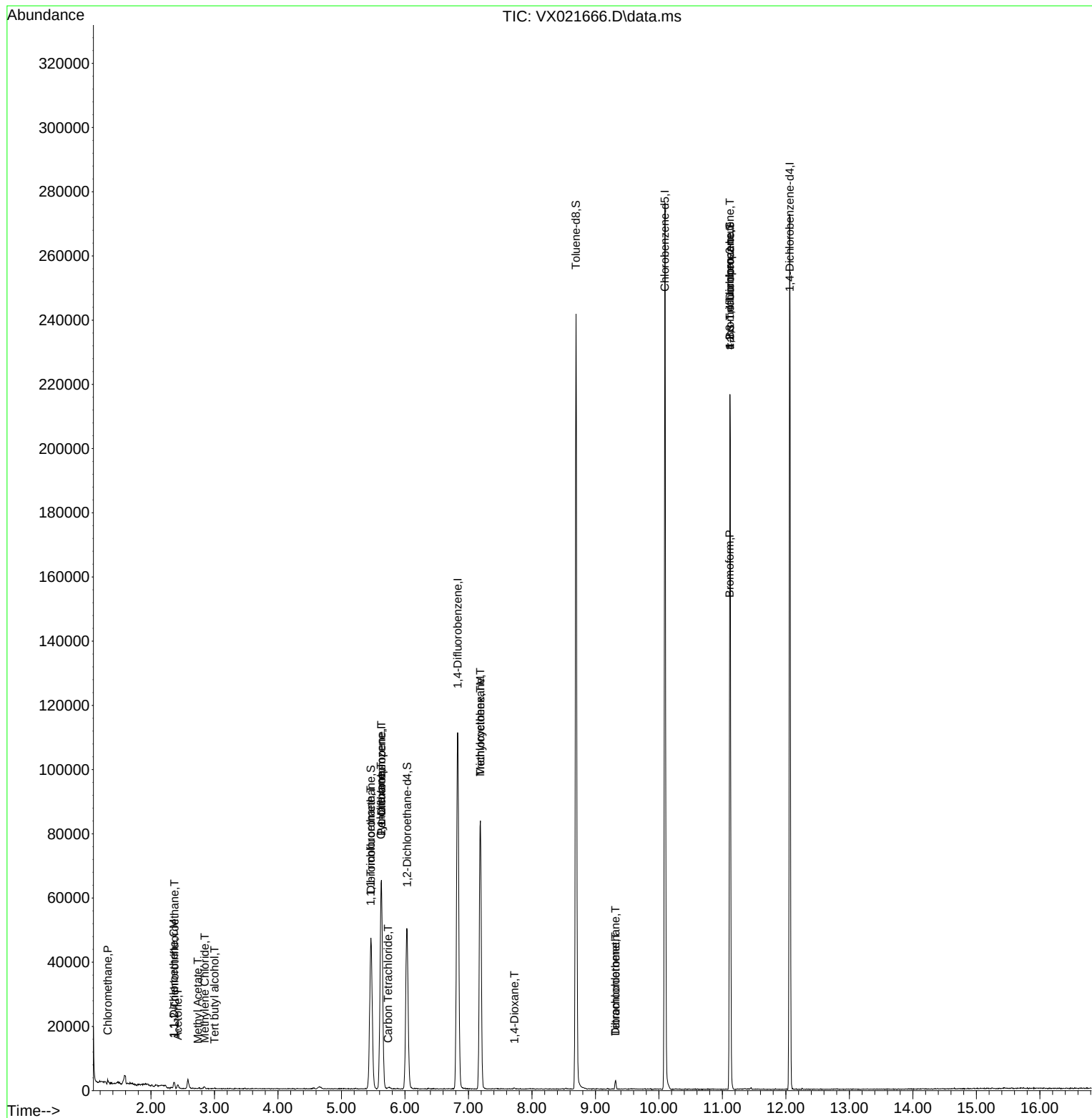
Internal Standards						
1) Pentafluorobenzene	5.629	168	55984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	104731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	111937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	50135	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	50923	54.67	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.34%	
35) Dibromofluoromethane	5.464	113	38428	51.66	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.32%	
50) Toluene-d8	8.694	98	134199	50.62	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.24%	
62) 4-Bromofluorobenzene	11.118	95	54758	53.13	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.26%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1432	2.06	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.370	101	727	1.26	ug/l #	88
11) Tert butyl alcohol	2.999	59	45	0.29	ug/l #	73
12) 1,1-Dichloroethene	2.358	96	127	0.23	ug/l #	66
16) Acetone	2.423	43	1060	3.01	ug/l #	86
18) Methyl Acetate	2.740	43	207	0.20	ug/l #	47
20) Methylene Chloride	2.846	84	225	0.33	ug/l #	52
31) Cyclohexane	5.623	56	1694	1.65	ug/l #	51
32) 1,1,1-Trichloroethane	5.458	97	266	0.24	ug/l #	24
36) 1,1-Dichloropropene	5.629	75	5056	4.93	ug/l #	49
38) Carbon Tetrachloride	5.735	117	404	0.37	ug/l #	56
39) Methylcyclohexane	7.188	83	467	0.41	ug/l #	1
44) Trichloroethene	7.188	130	30656	39.87	ug/l	97
49) 1,4-Dioxane	7.723	88	231	12.55	ug/l	94
60) Dibromochloromethane	9.318	129	467	0.55	ug/l #	11
64) Tetrachloroethene	9.318	164	445	0.59	ug/l	93
71) Bromoform	11.112	173	145	0.21	ug/l #	29
76) 1,2,3-Trichloropropane	11.118	75	31209	26.74	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	31209	81.45	ug/l #	12

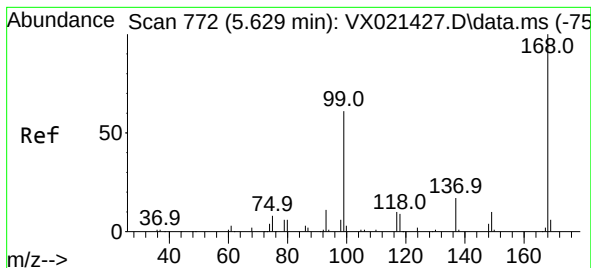
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.629 min Scan# 772

Delta R.T. 0.000 min

Lab File: VX021666.D

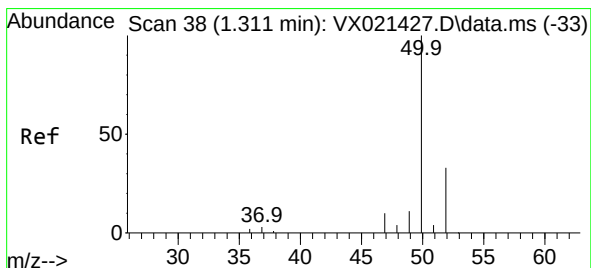
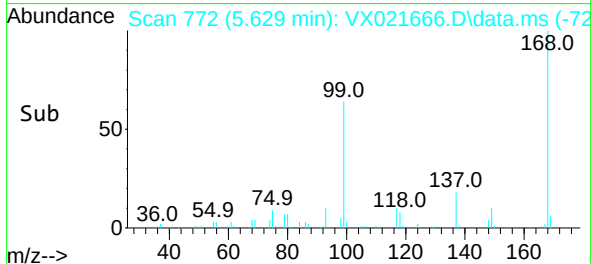
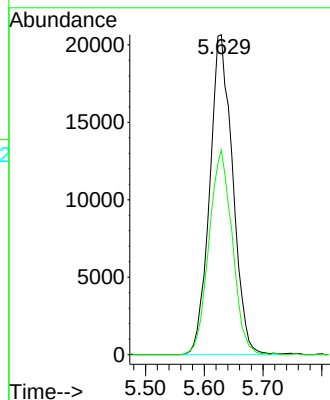
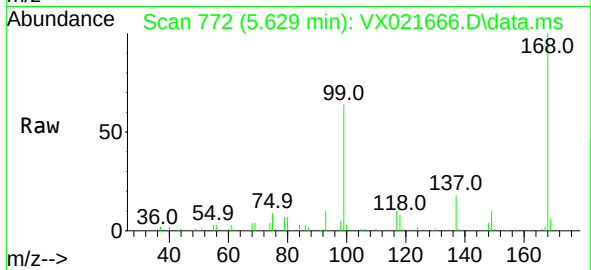
Acq: 31 Mar 2021 06:08

Tgt Ion:168 Resp: 55984

Ion Ratio Lower Upper

168 100

99 64.0 45.8 68.6



#3

Chloromethane

Concen: 2.06 ug/l

RT: 1.317 min Scan# 39

Delta R.T. 0.006 min

Lab File: VX021666.D

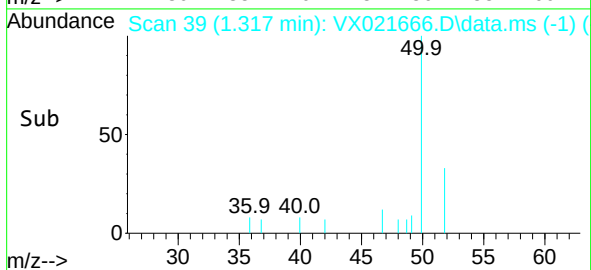
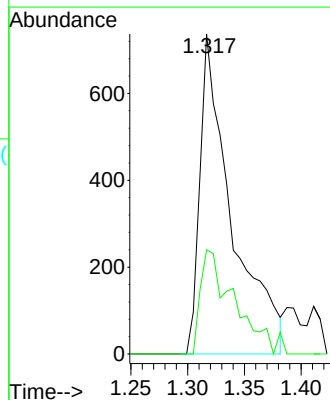
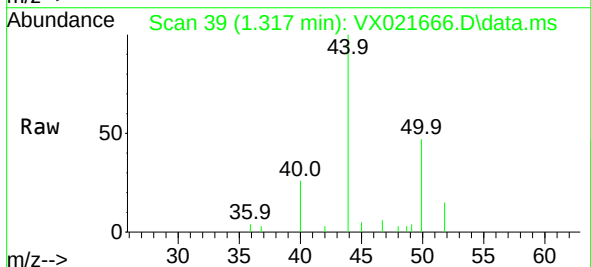
Acq: 31 Mar 2021 06:08

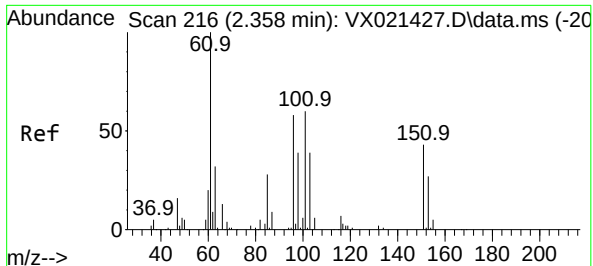
Tgt Ion: 50 Resp: 1432

Ion Ratio Lower Upper

50 100

52 32.6 26.4 39.6

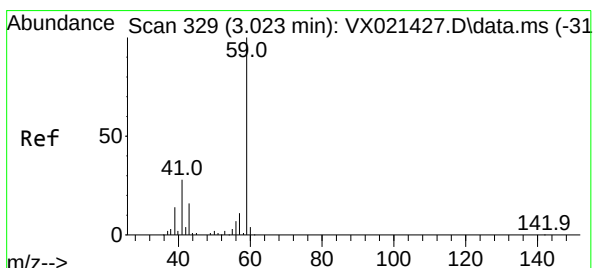
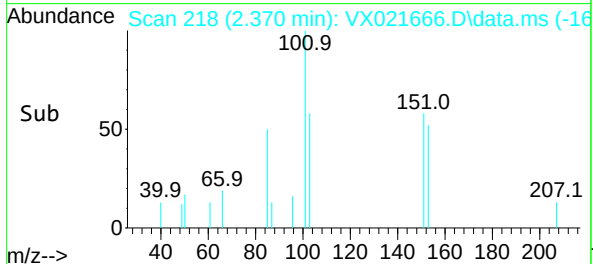
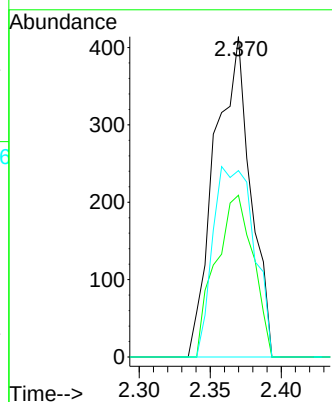
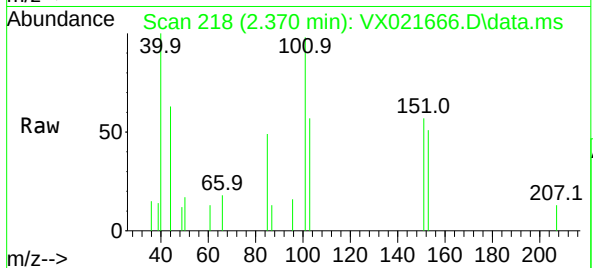




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.26 ug/l
RT: 2.370 min Scan# 218
Delta R.T. 0.012 min
Lab File: VX021666.D
Acq: 31 Mar 2021 06:08

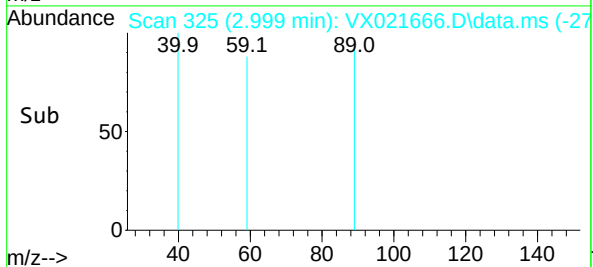
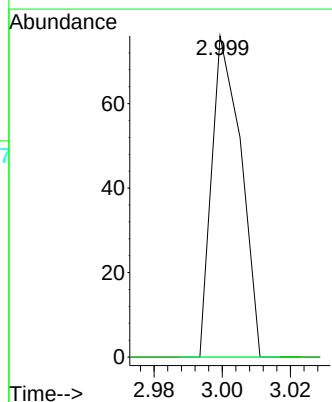
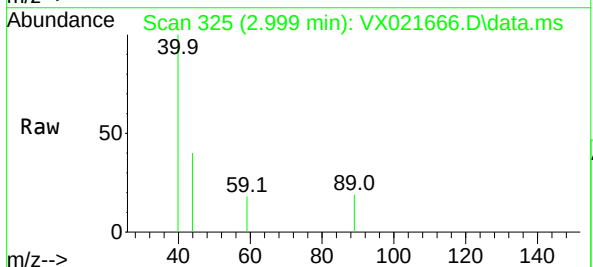
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20210323

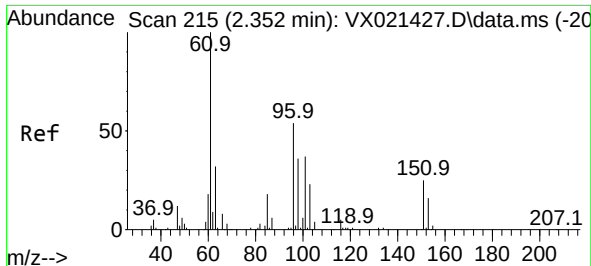
Tgt Ion:101 Resp: 727
Ion Ratio Lower Upper
101 100
85 52.8 34.9 52.3#
151 67.8 61.4 92.2



#11
Tert butyl alcohol
Concen: 0.29 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.024 min
Lab File: VX021666.D
Acq: 31 Mar 2021 06:08

Tgt Ion: 59 Resp: 45
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

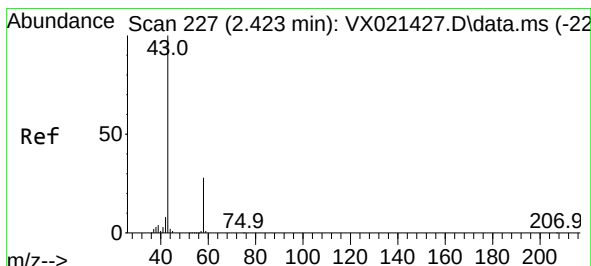
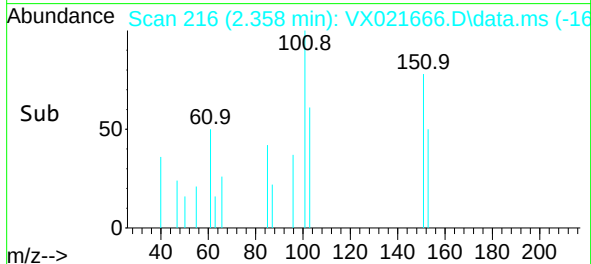
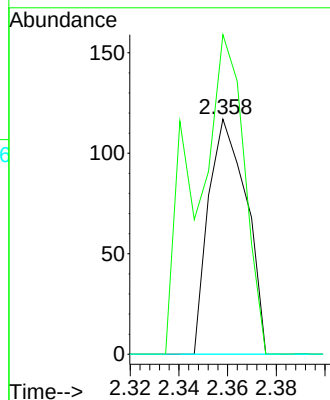
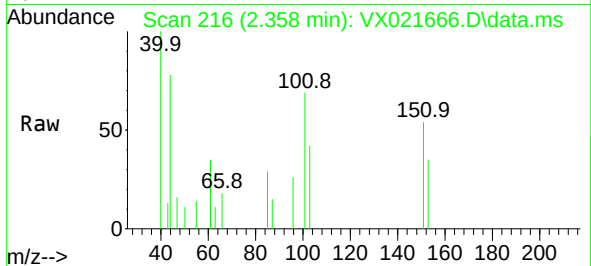




#12
1,1-Dichloroethene
Concen: 0.23 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021666.D
Acq: 31 Mar 2021 06:08

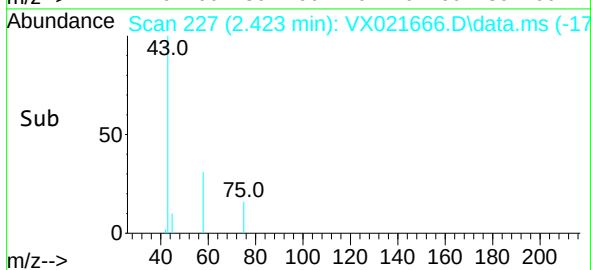
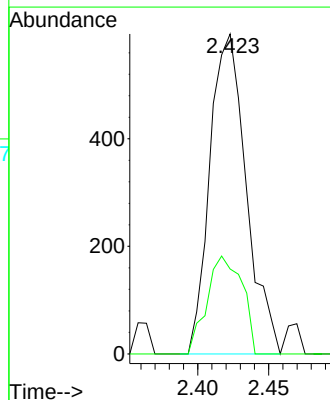
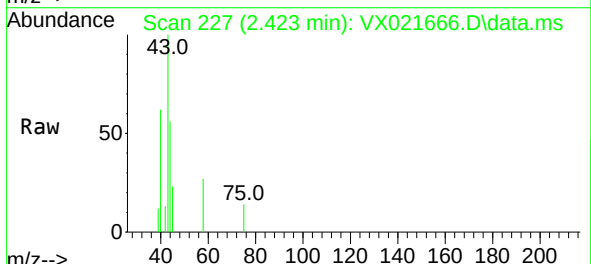
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20210323

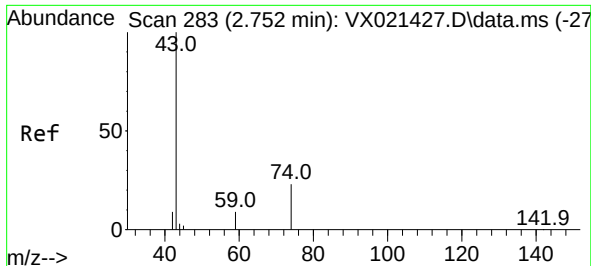
Tgt Ion: 96 Resp: 127
Ion Ratio Lower Upper
96 100
61 135.9 124.6 187.0
98 0.0 50.6 76.0#



#16
Acetone
Concen: 3.01 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021666.D
Acq: 31 Mar 2021 06:08

Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
58 26.6 27.8 41.8#

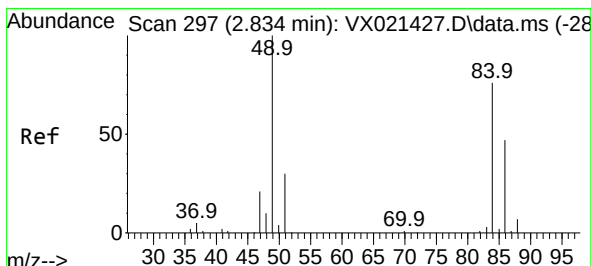
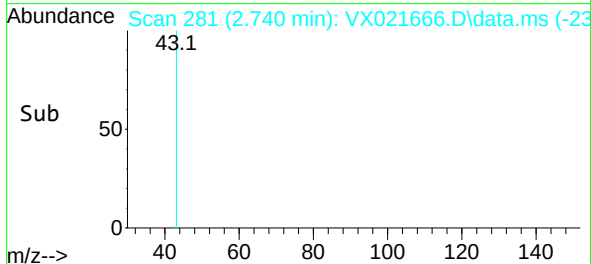
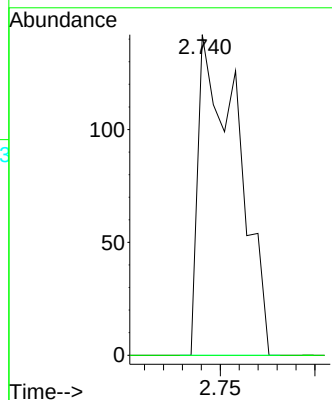
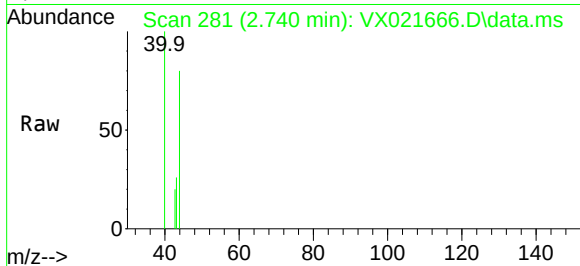




#18
Methyl Acetate
Concen: 0.20 ug/l
RT: 2.740 min Scan# 281
Delta R.T. -0.012 min
Lab File: VX021666.D
Acq: 31 Mar 2021 06:08

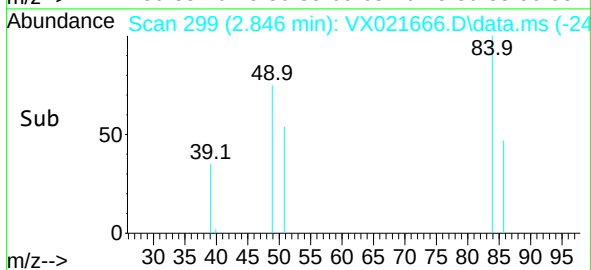
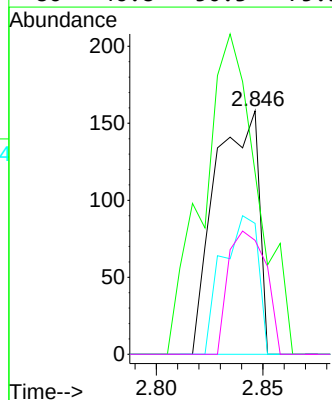
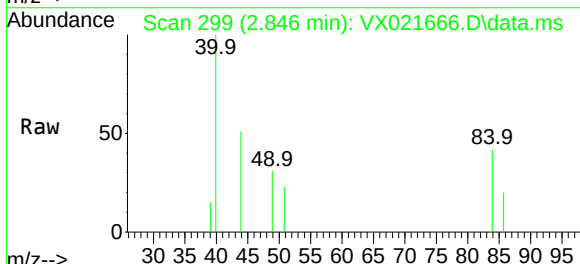
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20210323

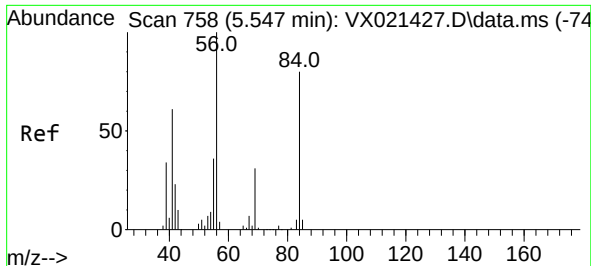
Tgt Ion: 43 Resp: 207
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 2.846 min Scan# 299
Delta R.T. 0.012 min
Lab File: VX021666.D
Acq: 31 Mar 2021 06:08

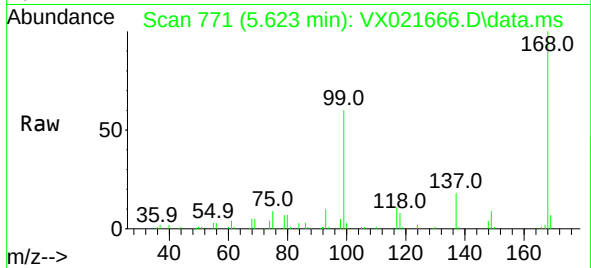
Tgt Ion: 84 Resp: 225
Ion Ratio Lower Upper
84 100
49 39.2 88.6 132.8#
51 53.8 27.0 40.6#
86 46.8 50.3 75.5#



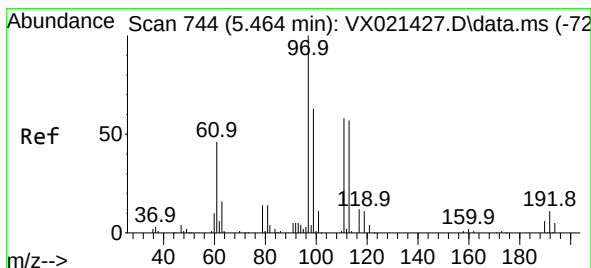
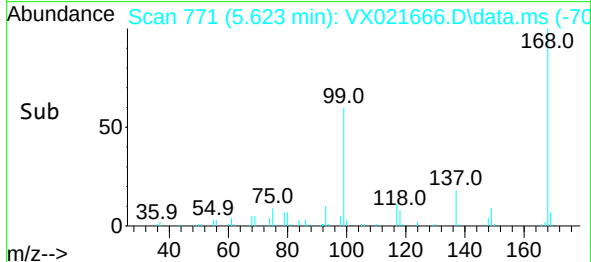
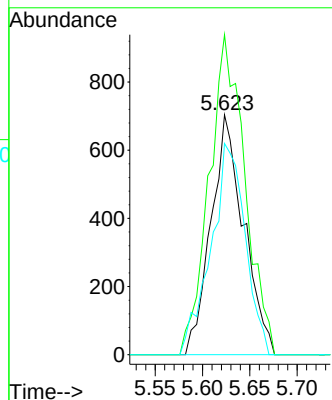


#31
Cyclohexane
Concen: 1.65 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021666.D
Acq: 31 Mar 2021 06:08

Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20210323

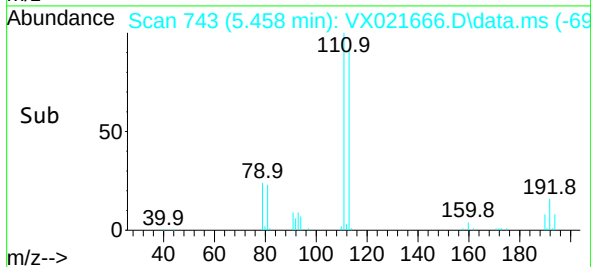
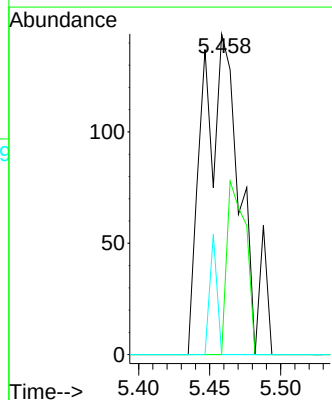
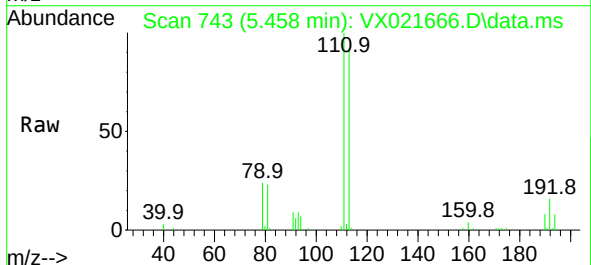


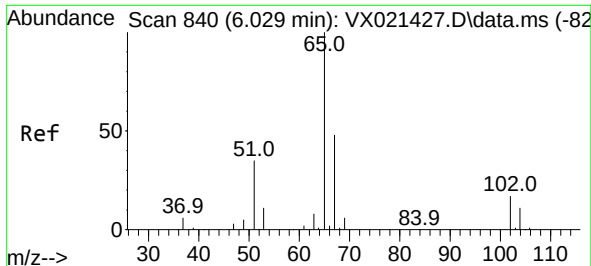
Tgt Ion: 56 Resp: 1694
Ion Ratio Lower Upper
56 100
69 133.4 25.3 37.9#
84 88.1 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 0.24 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021666.D
Acq: 31 Mar 2021 06:08

Tgt Ion: 97 Resp: 266
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 0.0 34.2 51.4#





#33

1,2-Dichloroethane-d4

Concen: 54.67 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.006 min

Lab File: VX021666.D

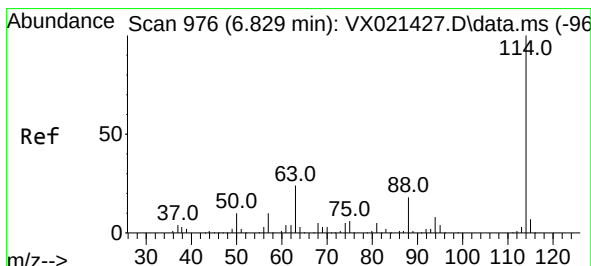
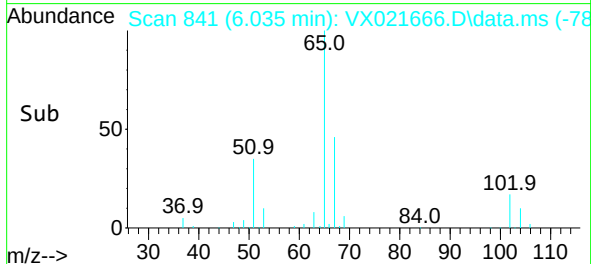
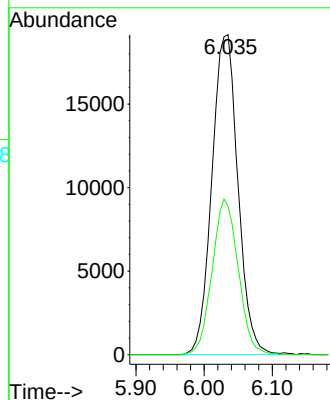
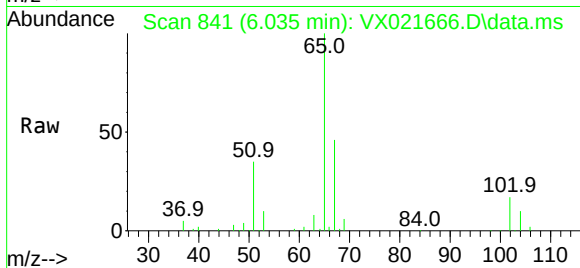
Acq: 31 Mar 2021 06:08

Tgt Ion: 65 Resp: 50923

Ion Ratio Lower Upper

65 100

67 48.7 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: VX021666.D

Acq: 31 Mar 2021 06:08

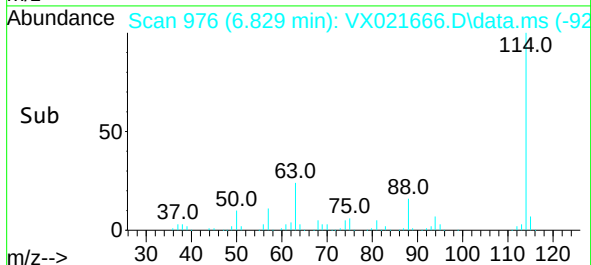
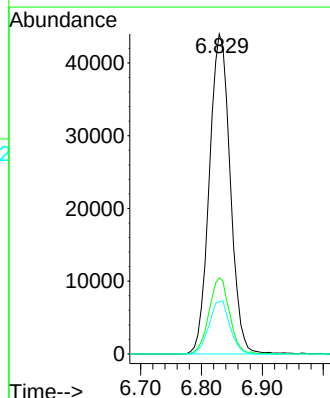
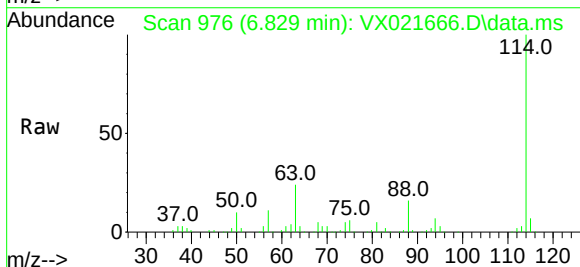
Tgt Ion: 114 Resp: 104731

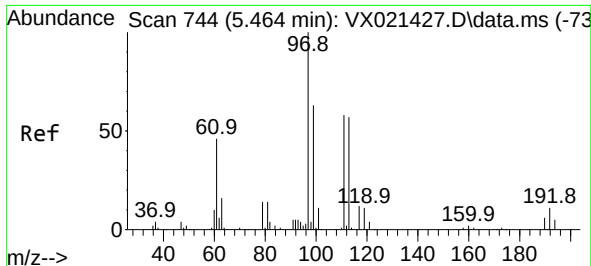
Ion Ratio Lower Upper

114 100

63 23.7 0.0 40.8

88 16.3 0.0 32.8

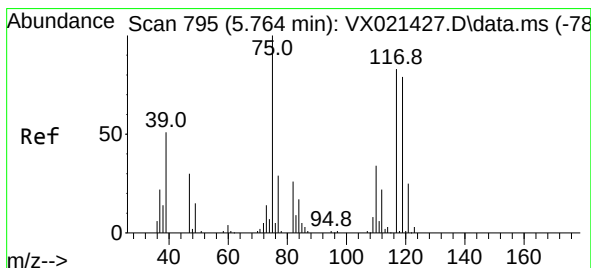
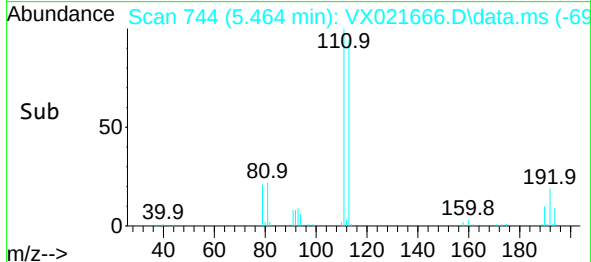
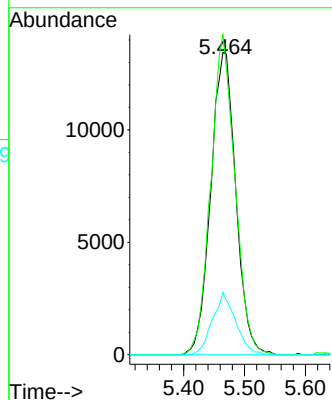
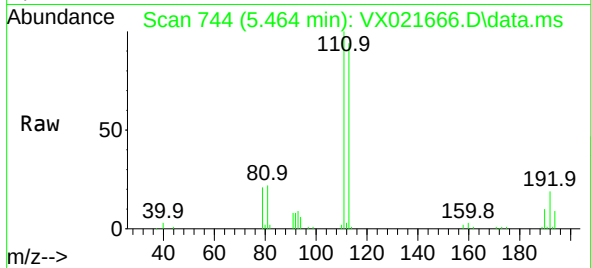




#35
Dibromofluoromethane
Concen: 51.66 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021666.D
Acq: 31 Mar 2021 06:08

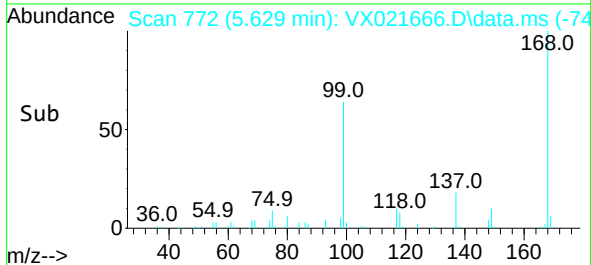
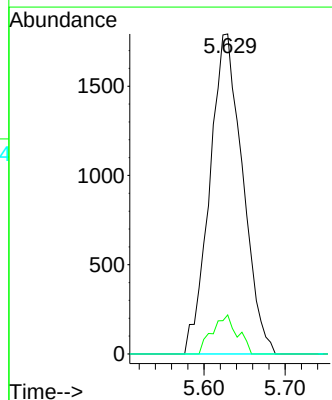
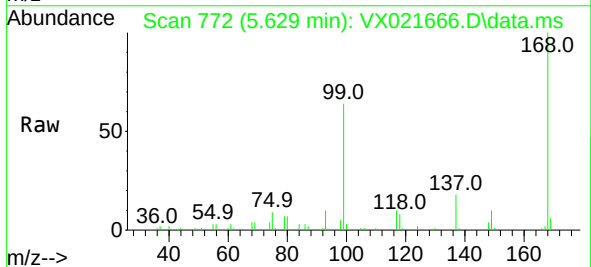
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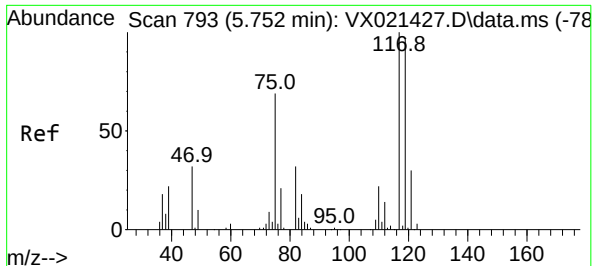
Tgt Ion:113 Resp: 38428
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 19.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.93 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021666.D
Acq: 31 Mar 2021 06:08

Tgt Ion: 75 Resp: 5056
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#

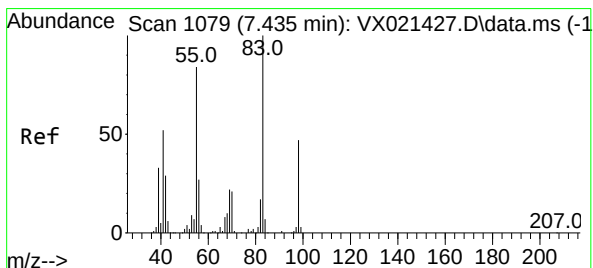
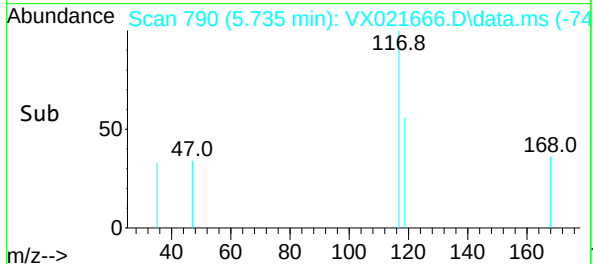
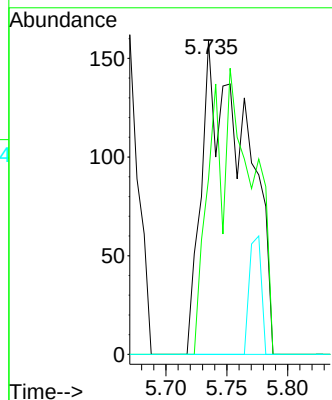
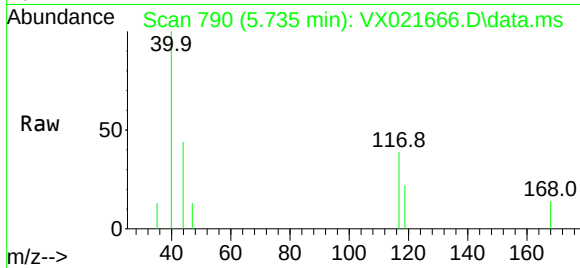




#38
Carbon Tetrachloride
Concen: 0.37 ug/l
RT: 5.735 min Scan# 790
Delta R.T. -0.017 min
Lab File: VX021666.D
Acq: 31 Mar 2021 06:08

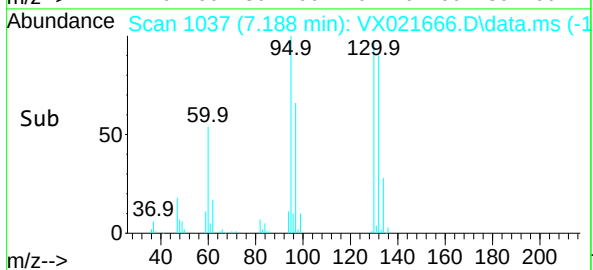
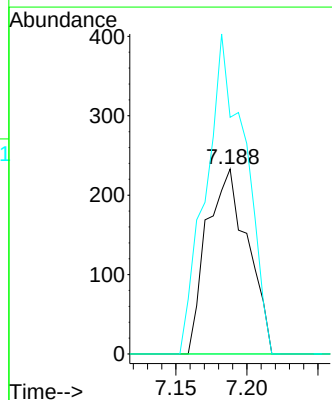
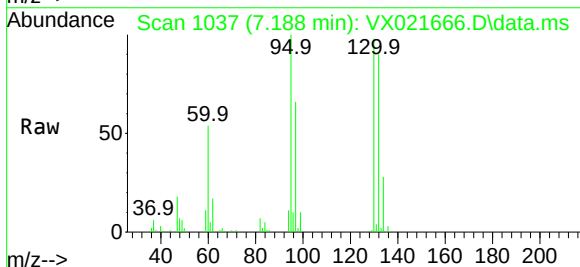
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20210323

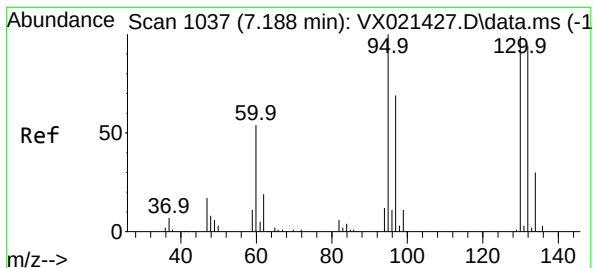
Tgt Ion:117 Resp: 404
Ion Ratio Lower Upper
117 100
119 56.0 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.41 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.247 min
Lab File: VX021666.D
Acq: 31 Mar 2021 06:08

Tgt Ion: 83 Resp: 467
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 127.9 38.1 57.1#





#44

Trichloroethene

Concen: 39.87 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VX021666.D

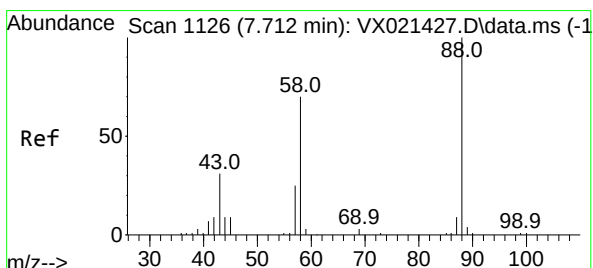
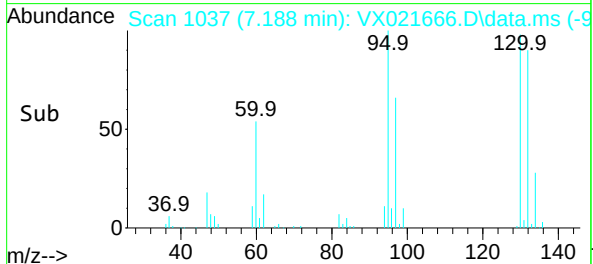
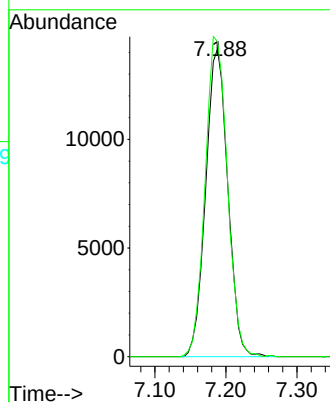
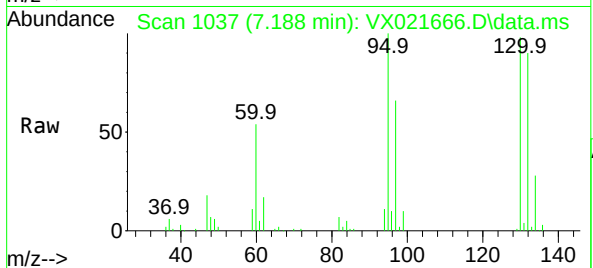
Acq: 31 Mar 2021 06:08

Tgt Ion:130 Resp: 30656

Ion Ratio Lower Upper

130 100

95 102.4 0.0 198.0



#49

1,4-Dioxane

Concen: 12.55 ug/l

RT: 7.723 min Scan# 1128

Delta R.T. 0.011 min

Lab File: VX021666.D

Acq: 31 Mar 2021 06:08

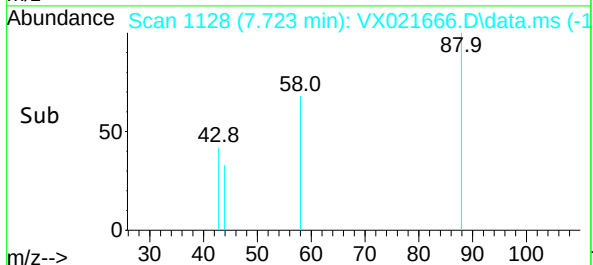
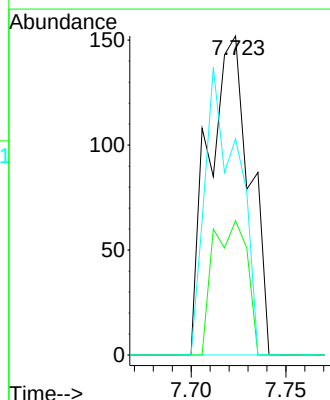
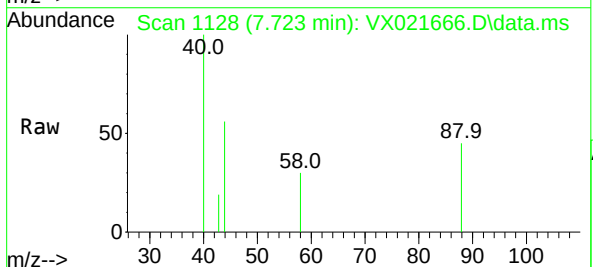
Tgt Ion: 88 Resp: 231

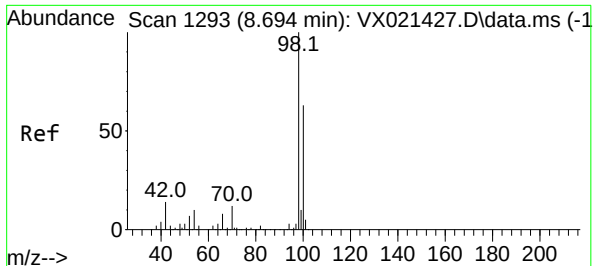
Ion Ratio Lower Upper

88 100

43 34.6 23.2 34.8

58 71.9 55.0 82.4

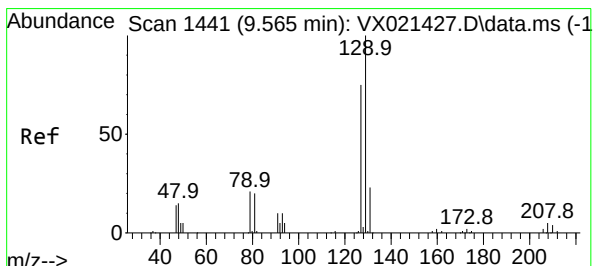
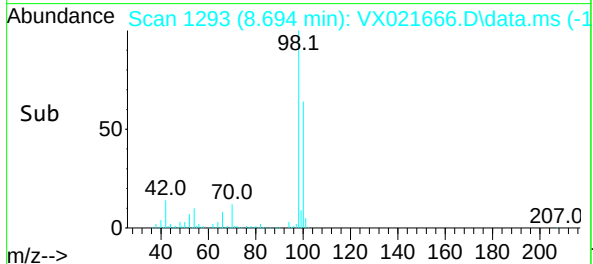
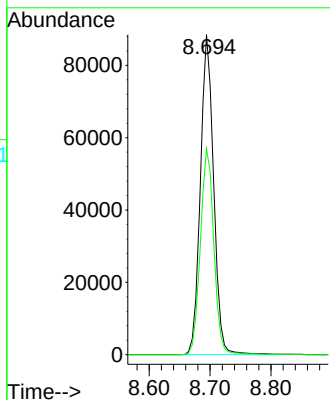
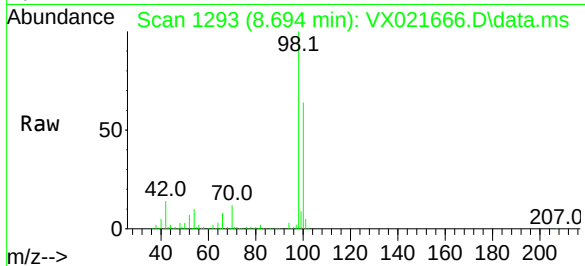




#50
Toluene-d8
Concen: 50.62 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021666.D
Acq: 31 Mar 2021 06:08

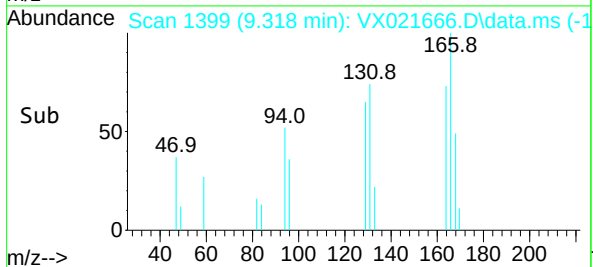
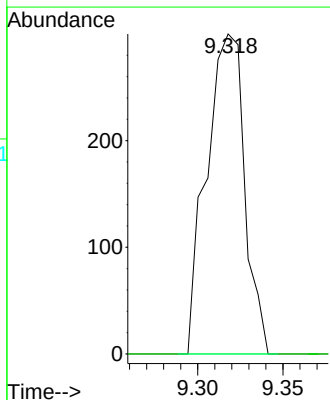
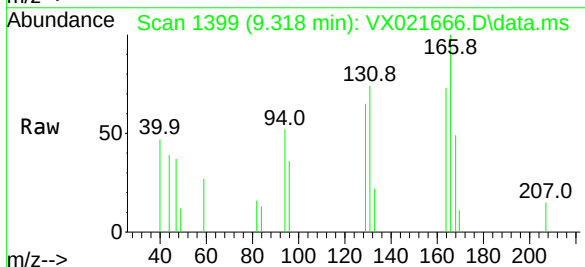
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20210323

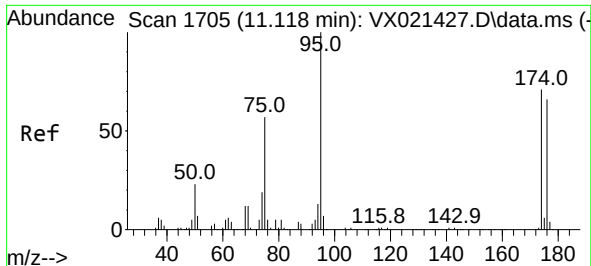
Tgt Ion: 98 Resp: 134199
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#60
Dibromochloromethane
Concen: 0.55 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021666.D
Acq: 31 Mar 2021 06:08

Tgt Ion: 129 Resp: 467
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

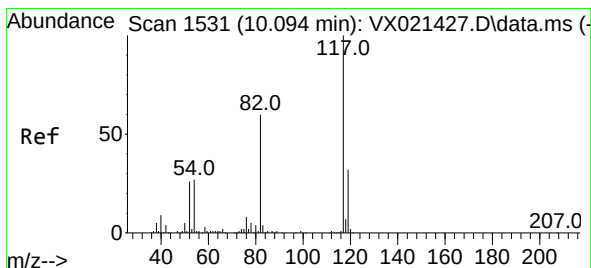
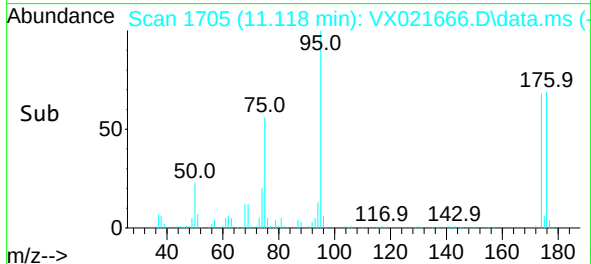
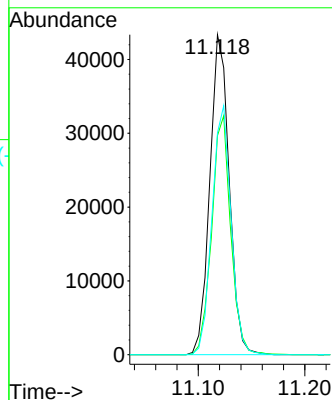
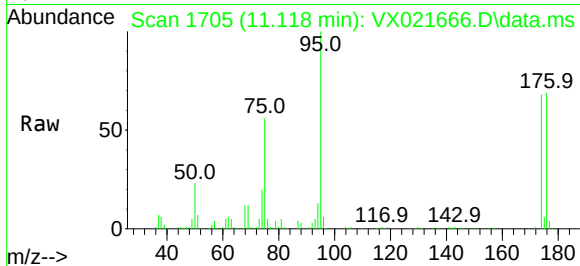




#62
4-Bromofluorobenzene
Concen: 53.13 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021666.D
Acq: 31 Mar 2021 06:08

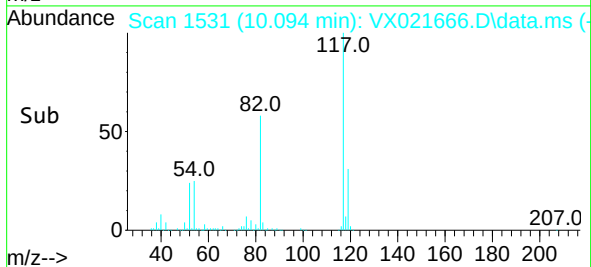
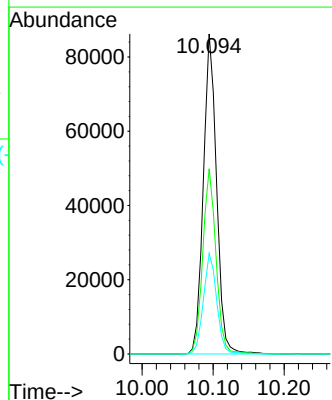
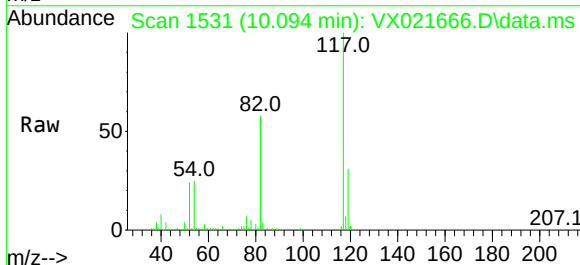
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20210323

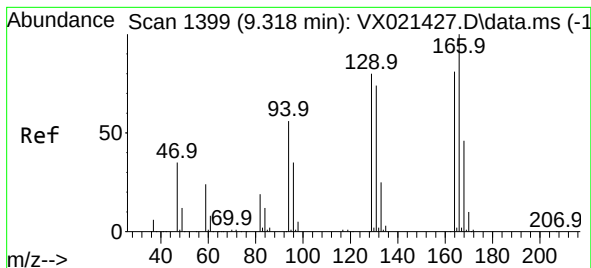
Tgt Ion:	95	Resp:	54758
Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	154.6
176	76.6	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021666.D
Acq: 31 Mar 2021 06:08

Tgt Ion:	117	Resp:	111937
Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.4	71.2
119	31.5	26.6	39.8





#64

Tetrachloroethene

Concen: 0.59 ug/l

RT: 9.318 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VX021666.D

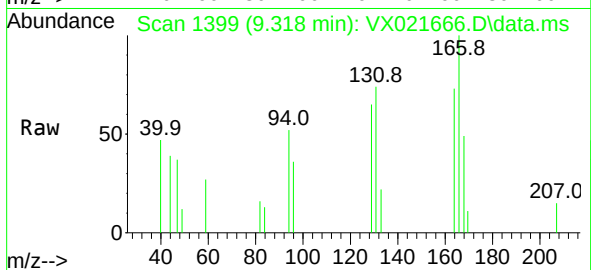
Acq: 31 Mar 2021 06:08

Instrument :

MSVOA_X

ClientSampleId :

RE109D2-20210323



Tgt Ion:164 Resp: 445

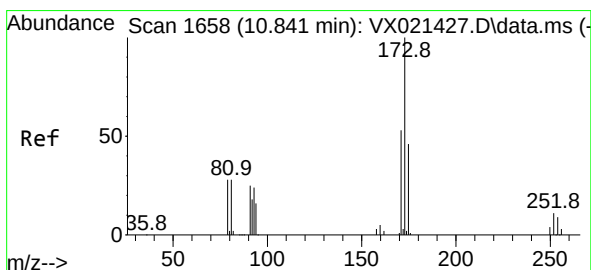
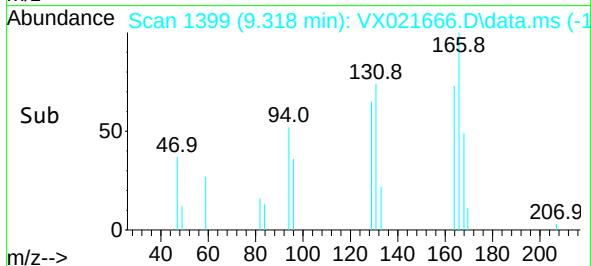
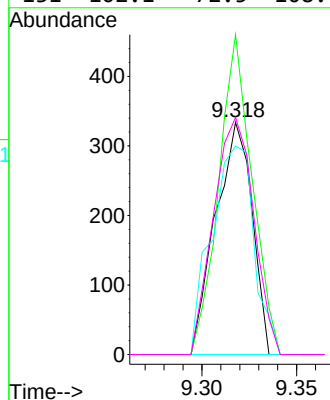
Ion Ratio Lower Upper

164 100

166 137.7 103.4 155.2

129 89.8 70.8 106.2

131 102.1 72.5 108.7



#71

Bromoform

Concen: 0.21 ug/l

RT: 11.112 min Scan# 1704

Delta R.T. 0.271 min

Lab File: VX021666.D

Acq: 31 Mar 2021 06:08

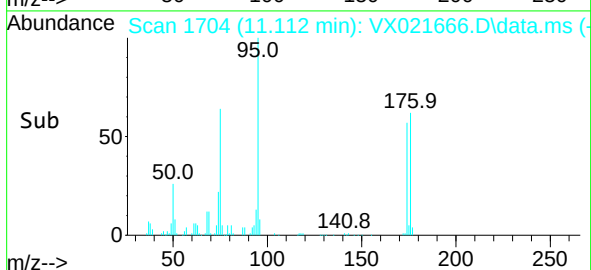
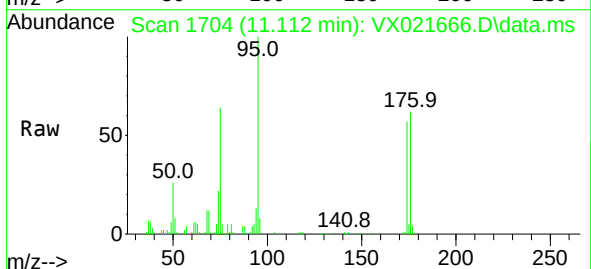
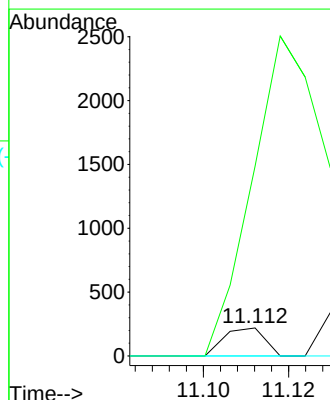
Tgt Ion:173 Resp: 145

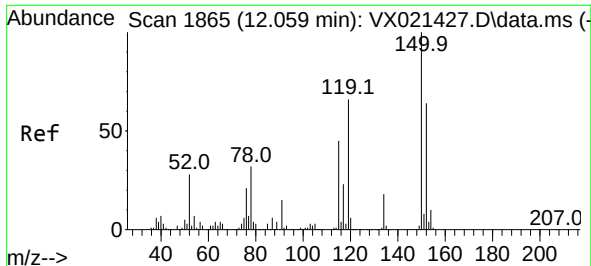
Ion Ratio Lower Upper

173 100

175 0.0 23.9 71.8#

254 0.0 0.1 0.1#

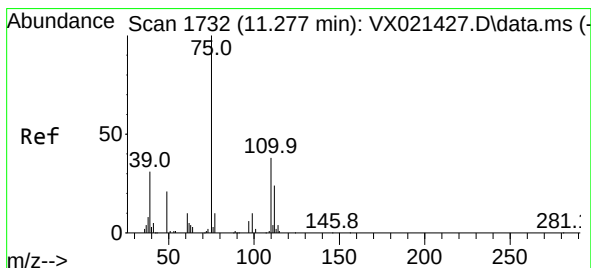
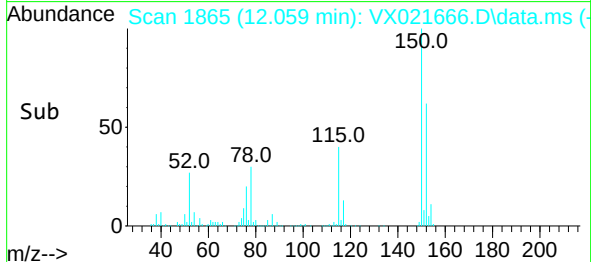
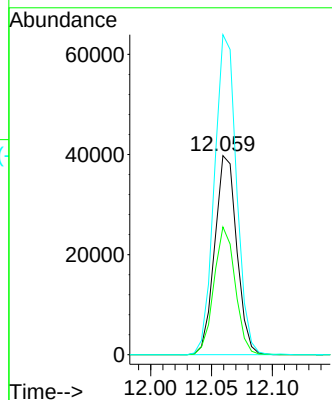
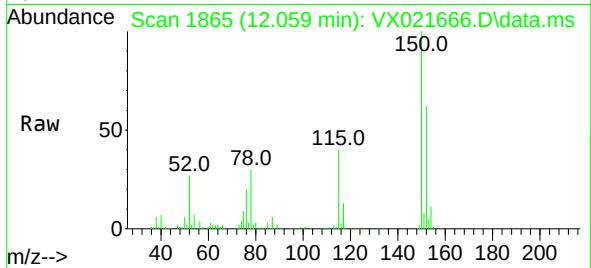




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021666.D
 Acq: 31 Mar 2021 06:08

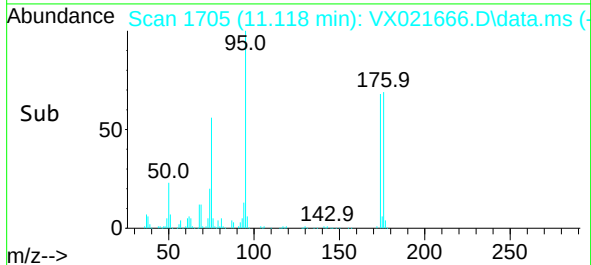
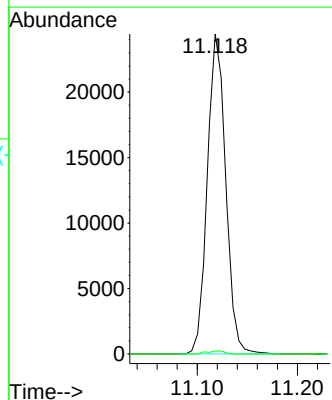
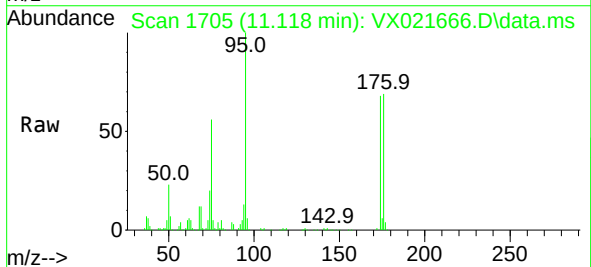
Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D2-20210323

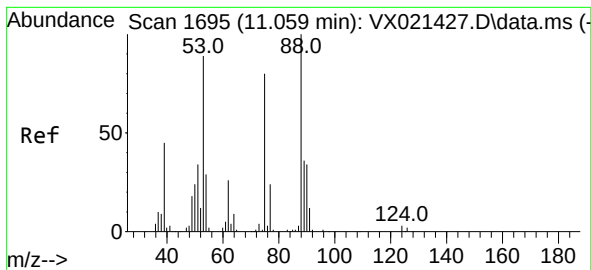
Tgt Ion:152 Resp: 50135
 Ion Ratio Lower Upper
 152 100
 115 62.0 41.1 123.3
 150 160.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.74 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021666.D
 Acq: 31 Mar 2021 06:08

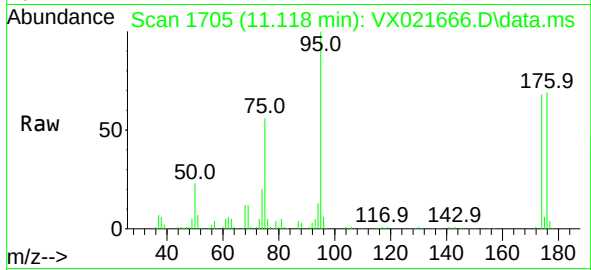
Tgt Ion: 75 Resp: 31209
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.45 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021666.D
 Acq: 31 Mar 2021 06:08

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D2-20210323



Tgt Ion: 75 Resp: 31209
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

