

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021662.D
 Acq On : 31 Mar 2021 04:34
 Operator : JC/MD
 Sample : M1842-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20210323

Quant Time: Mar 31 06:13:49 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)

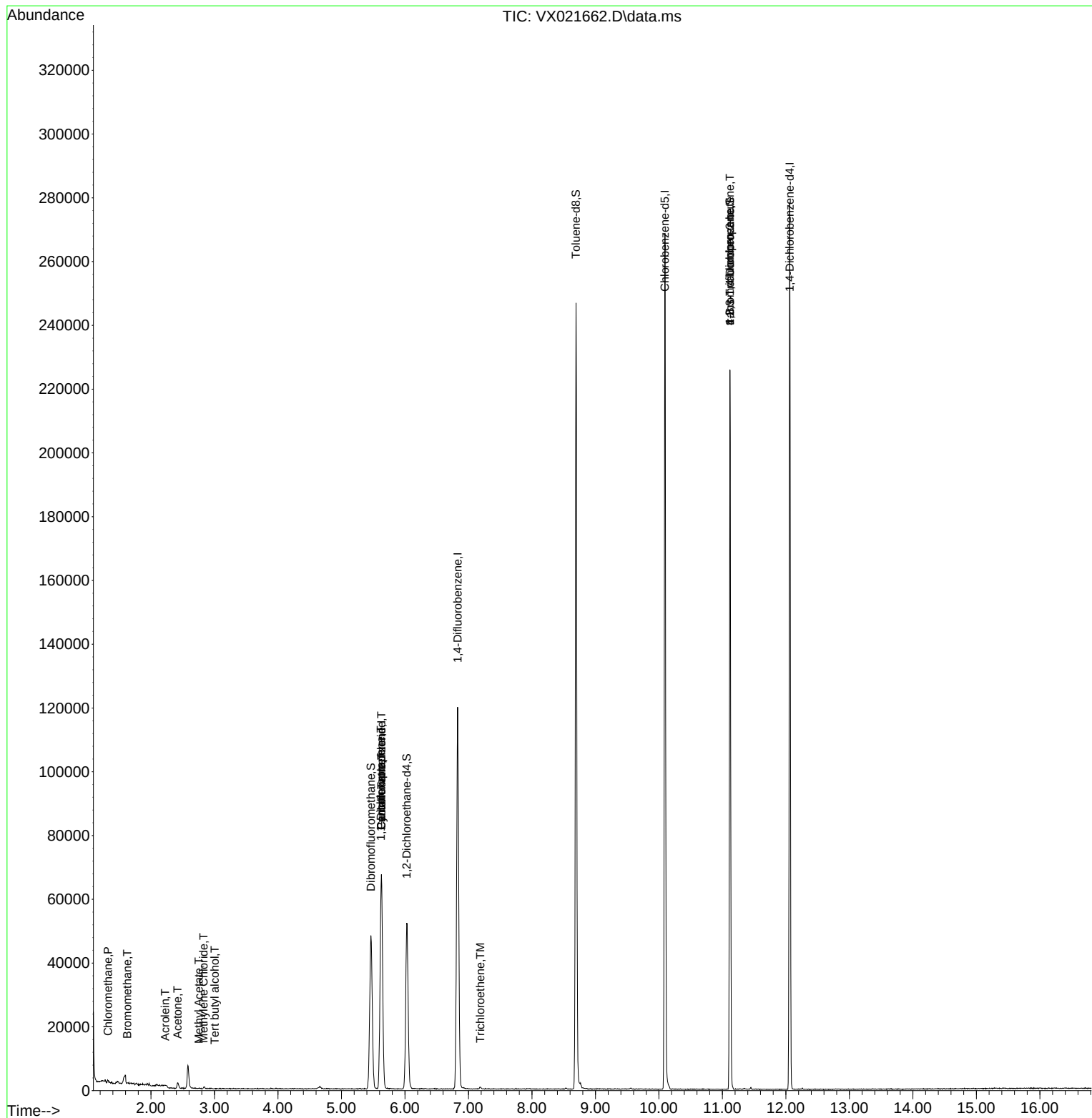
Internal Standards						
1) Pentafluorobenzene	5.629	168	58829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	107589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	113670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	52891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	51975	53.10	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.20%	
35) Dibromofluoromethane	5.464	113	39550	51.75	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.50%	
50) Toluene-d8	8.694	98	137432	50.46	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.92%	
62) 4-Bromofluorobenzene	11.118	95	56502	53.36	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.72%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.323	50	1527	2.09	ug/l #	87
5) Bromomethane	1.628	94	138	0.52	ug/l #	2
11) Tert butyl alcohol	3.005	59	70	0.43	ug/l #	73
13) Acrolein	2.223	56	23	4.57	ug/l #	1
16) Acetone	2.417	43	2050	5.54	ug/l #	87
18) Methyl Acetate	2.752	43	228	0.21	ug/l #	47
20) Methylene Chloride	2.829	84	238	0.33	ug/l #	65
31) Cyclohexane	5.629	56	1588	1.48	ug/l #	30
36) 1,1-Dichloropropene	5.623	75	5233	4.96	ug/l #	49
38) Carbon Tetrachloride	5.629	117	6251	5.52	ug/l #	18
44) Trichloroethene	7.188	130	197	0.25	ug/l	94
76) 1,2,3-Trichloropropane	11.118	75	31454	25.55	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	31454	77.81	ug/l #	12

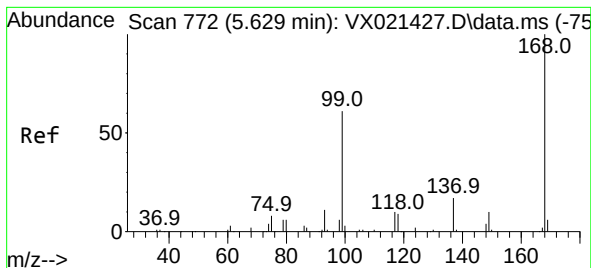
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.000 min

Lab File: VX021662.D

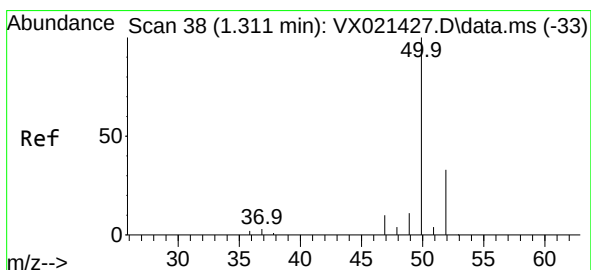
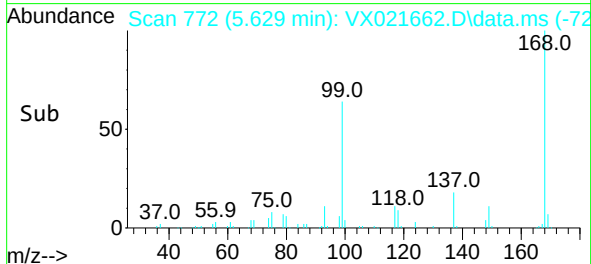
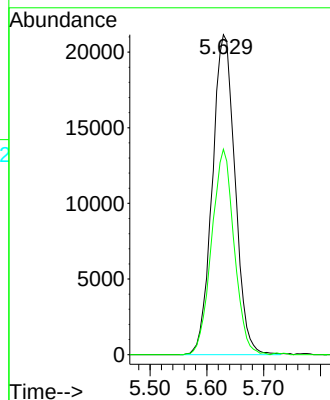
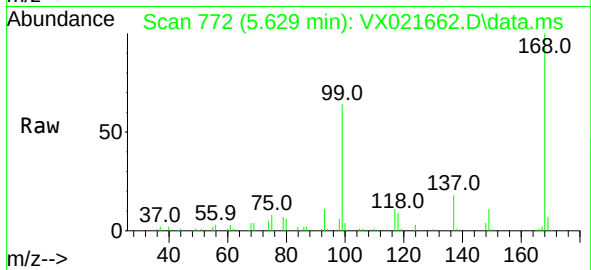
Acq: 31 Mar 2021 04:34

Tgt Ion:168 Resp: 58829

Ion Ratio Lower Upper

168 100

99 64.2 45.8 68.6



#3

Chloromethane

Concen: 2.09 ug/l

RT: 1.323 min Scan# 40

Delta R.T. 0.012 min

Lab File: VX021662.D

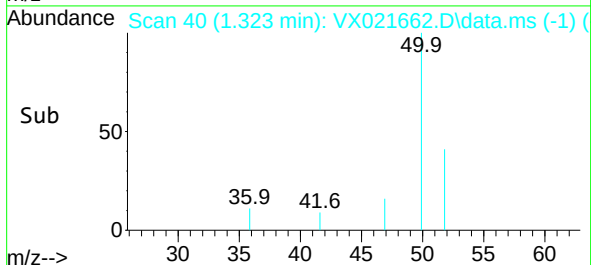
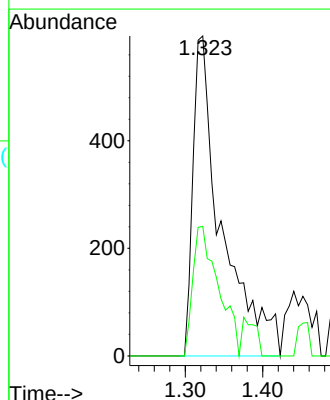
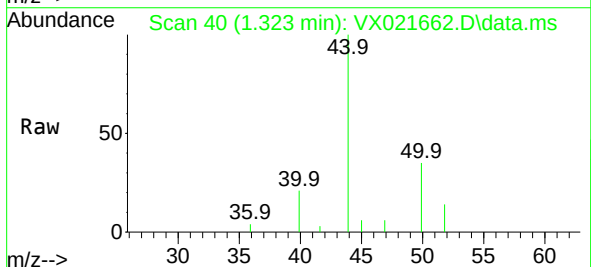
Acq: 31 Mar 2021 04:34

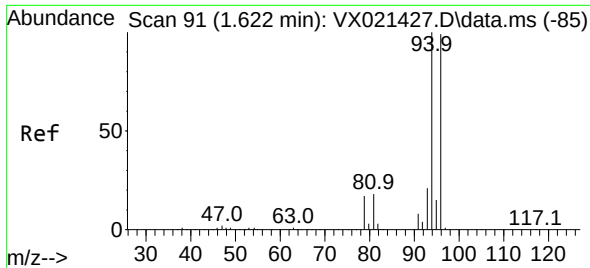
Tgt Ion: 50 Resp: 1527

Ion Ratio Lower Upper

50 100

52 40.5 26.4 39.6#

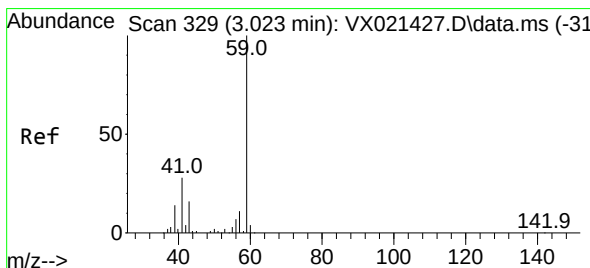
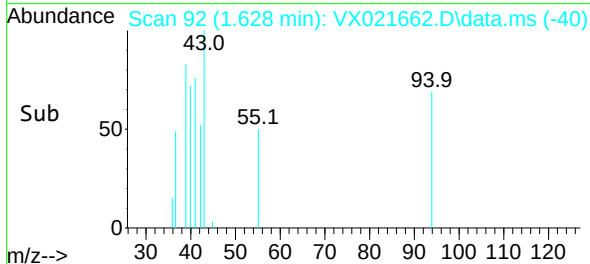
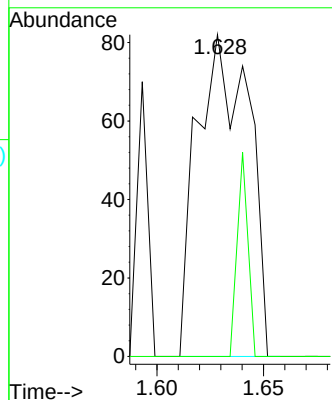
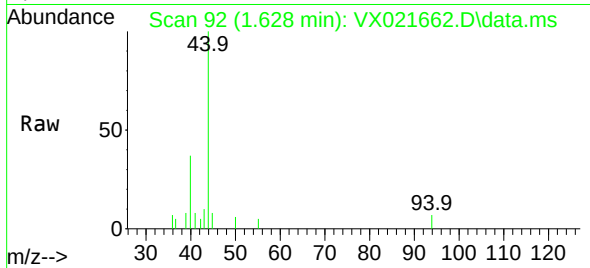




#5
Bromomethane
Concen: 0.52 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021662.D
Acq: 31 Mar 2021 04:34

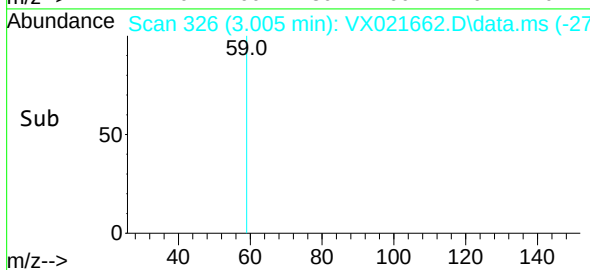
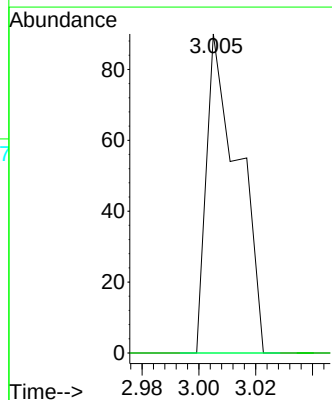
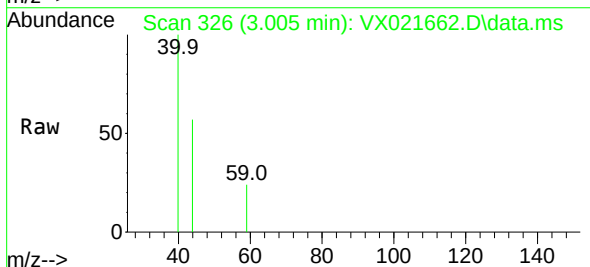
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20210323

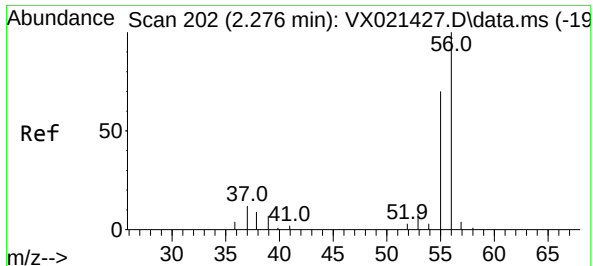
Tgt Ion: 94 Resp: 138
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#11
Tert butyl alcohol
Concen: 0.43 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.018 min
Lab File: VX021662.D
Acq: 31 Mar 2021 04:34

Tgt Ion: 59 Resp: 70
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

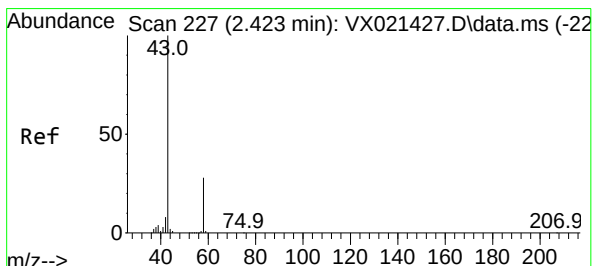
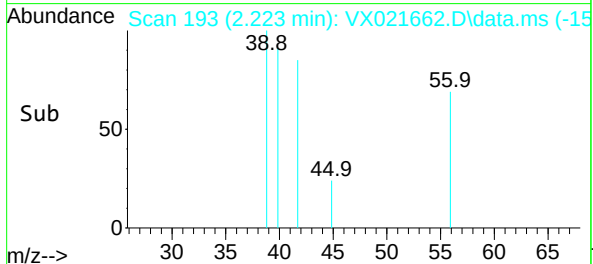
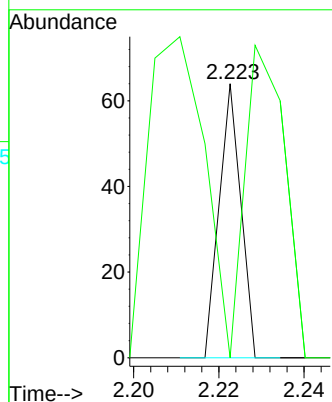
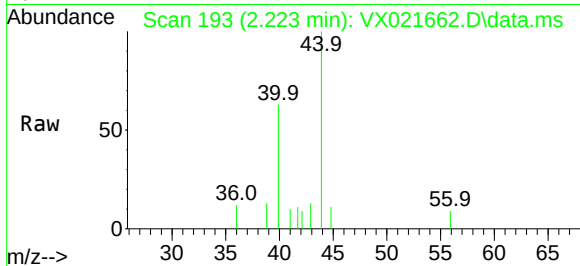




#13
Acrolein
Concen: 4.57 ug/l
RT: 2.223 min Scan# 193
Delta R.T. -0.053 min
Lab File: VX021662.D
Acq: 31 Mar 2021 04:34

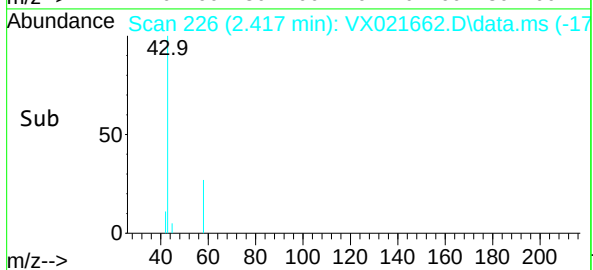
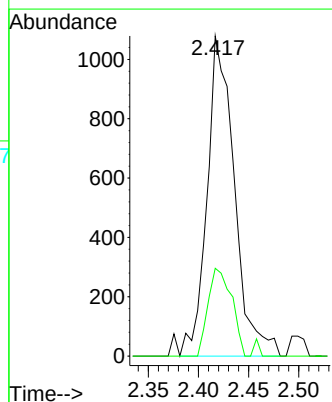
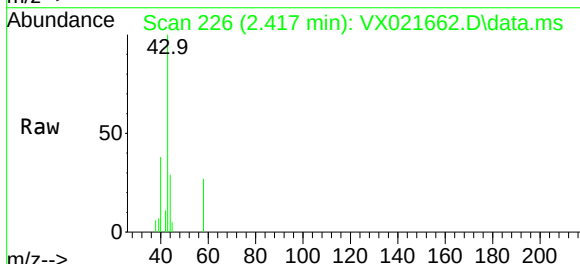
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20210323

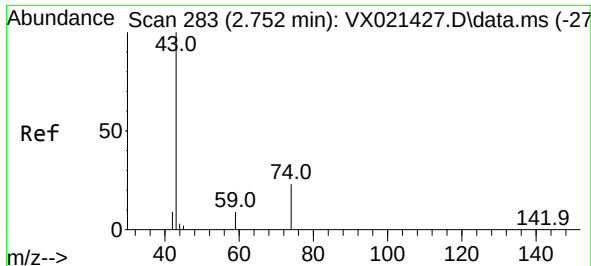
Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 204.3 56.4 84.6#



#16
Acetone
Concen: 5.54 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021662.D
Acq: 31 Mar 2021 04:34

Tgt Ion: 43 Resp: 2050
Ion Ratio Lower Upper
43 100
58 27.4 27.8 41.8#

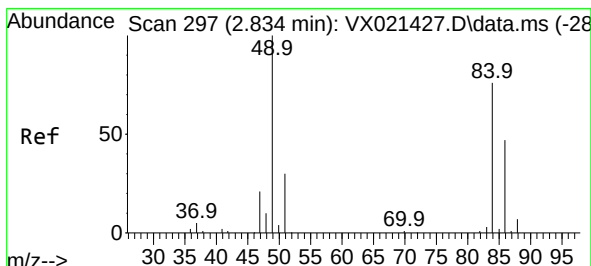
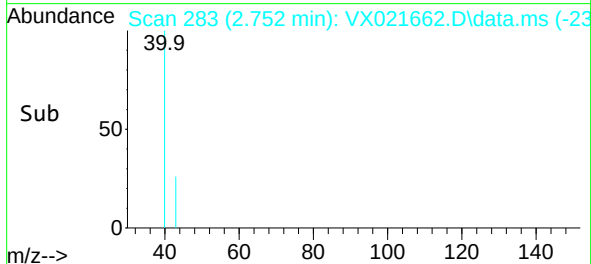
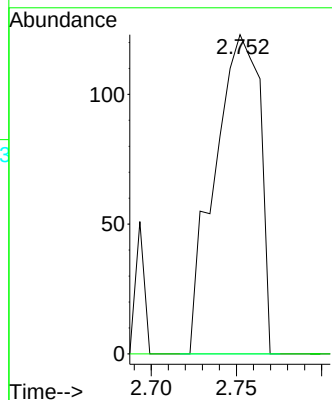
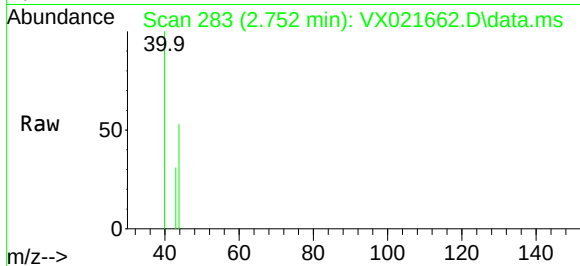




#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021662.D
Acq: 31 Mar 2021 04:34

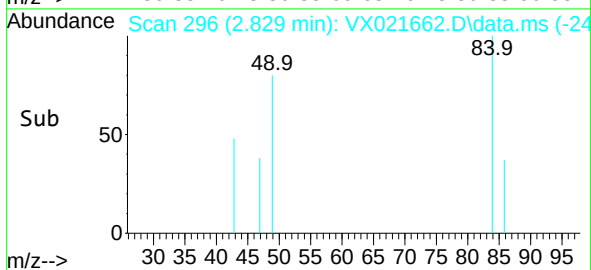
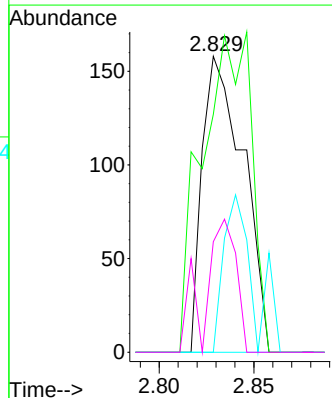
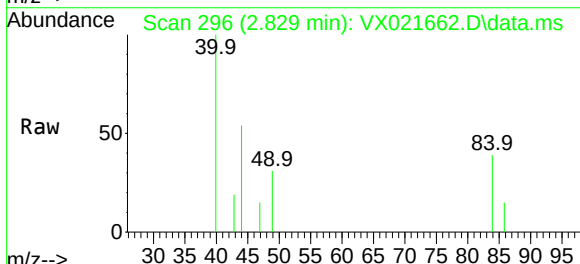
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20210323

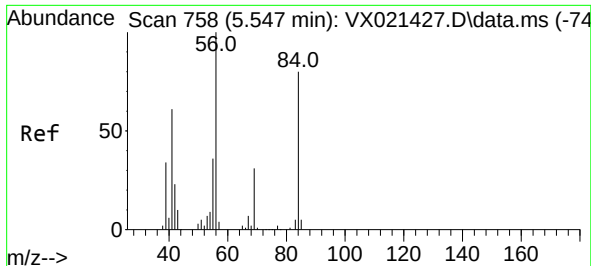
Tgt Ion: 43 Resp: 228
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 2.829 min Scan# 296
Delta R.T. -0.005 min
Lab File: VX021662.D
Acq: 31 Mar 2021 04:34

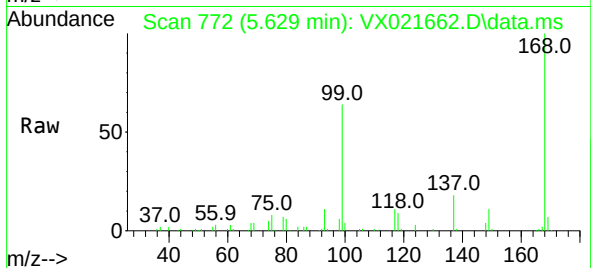
Tgt Ion: 84 Resp: 238
Ion Ratio Lower Upper
84 100
49 80.4 88.6 132.8#
51 0.0 27.0 40.6#
86 37.3 50.3 75.5#



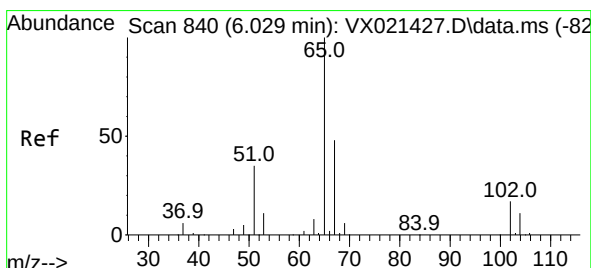
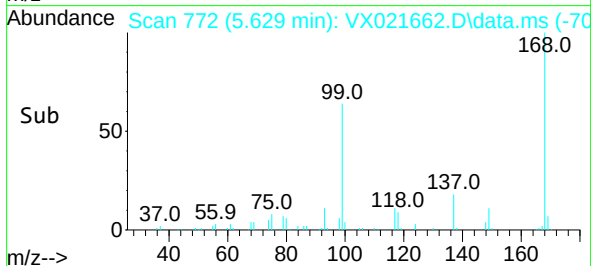
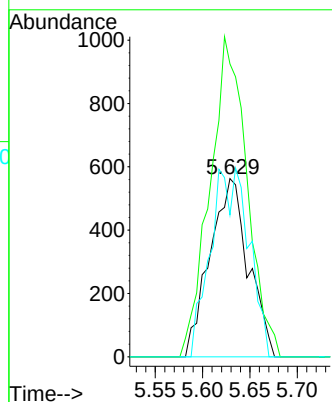


#31
Cyclohexane
Concen: 1.48 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021662.D
Acq: 31 Mar 2021 04:34

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20210323

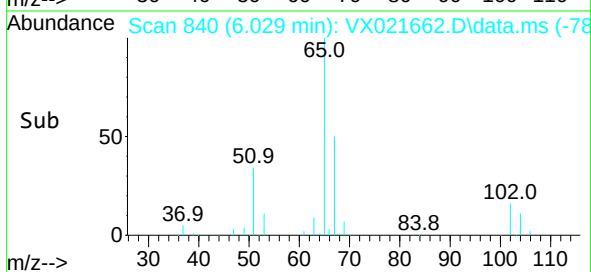
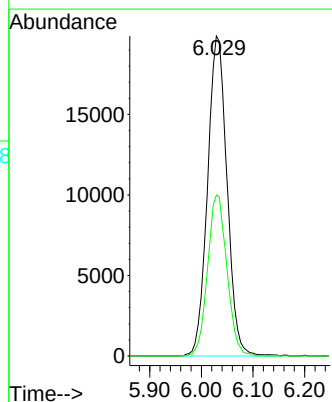
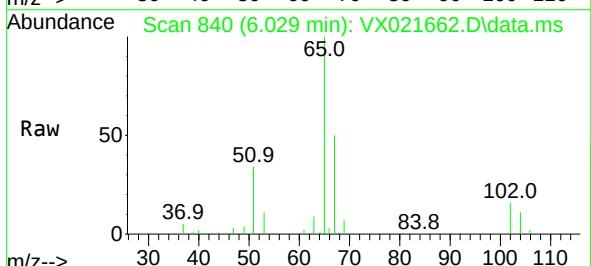


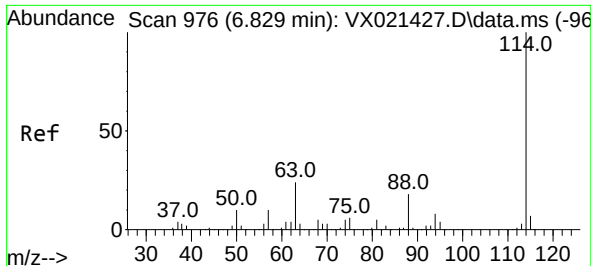
Tgt Ion: 56 Resp: 1588
Ion Ratio Lower Upper
56 100
69 164.3 25.3 37.9#
84 79.6 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 53.10 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021662.D
Acq: 31 Mar 2021 04:34

Tgt Ion: 65 Resp: 51975
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

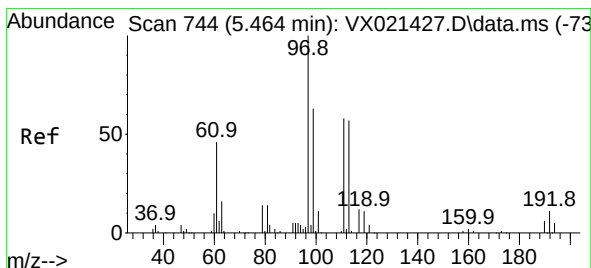
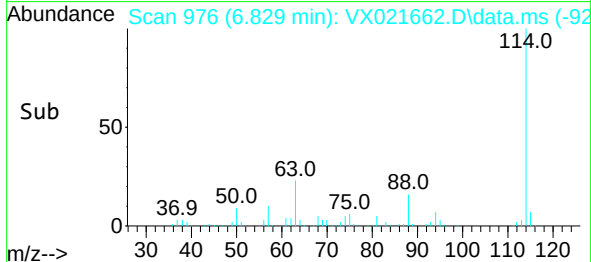
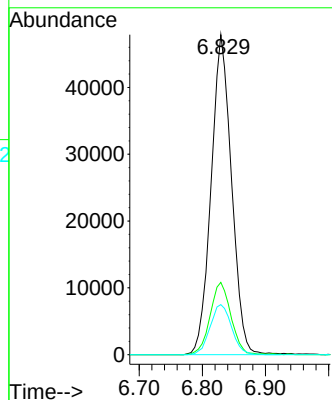
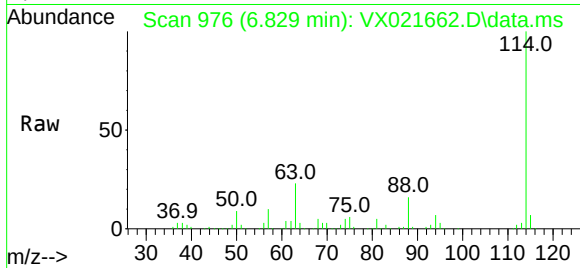




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021662.D
Acq: 31 Mar 2021 04:34

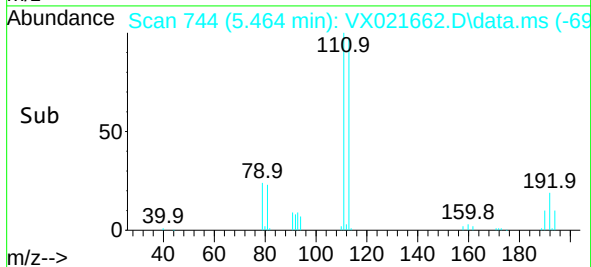
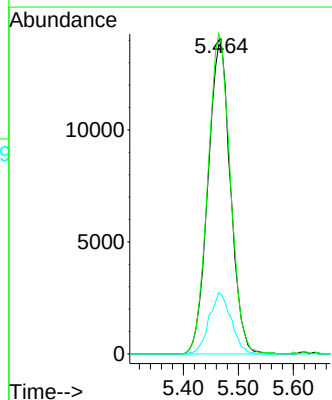
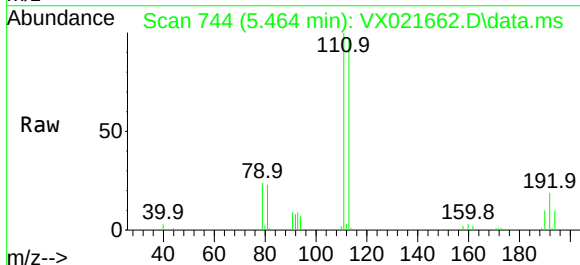
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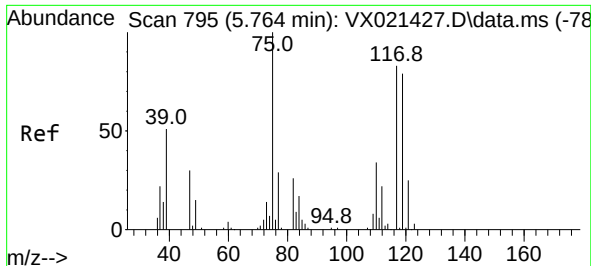
Tgt Ion:114 Resp: 107589
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.75 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021662.D
Acq: 31 Mar 2021 04:34

Tgt Ion:113 Resp: 39550
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.3 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.96 ug/l

RT: 5.623 min Scan# 771

Delta R.T. -0.141 min

Lab File: VX021662.D

Acq: 31 Mar 2021 04:34

Tgt Ion: 75 Resp: 5233

Ion Ratio Lower Upper

75 100

110 9.5 18.1 54.4#

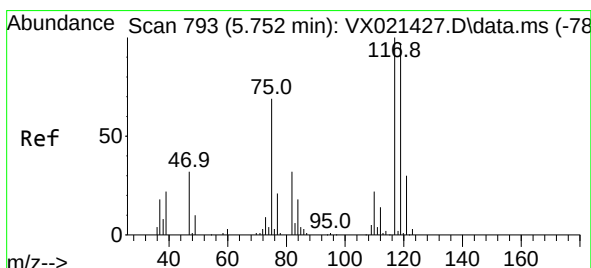
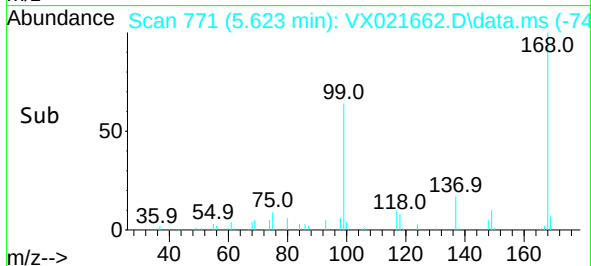
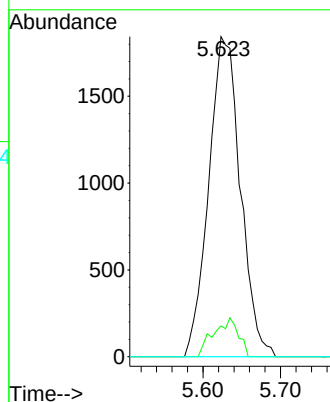
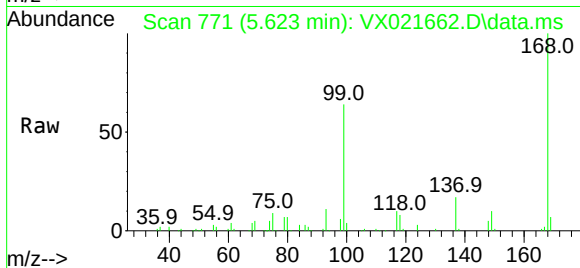
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-20210323



#38

Carbon Tetrachloride

Concen: 5.52 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.123 min

Lab File: VX021662.D

Acq: 31 Mar 2021 04:34

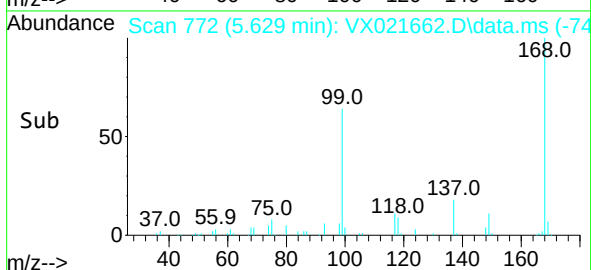
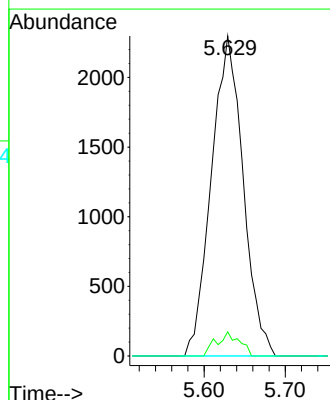
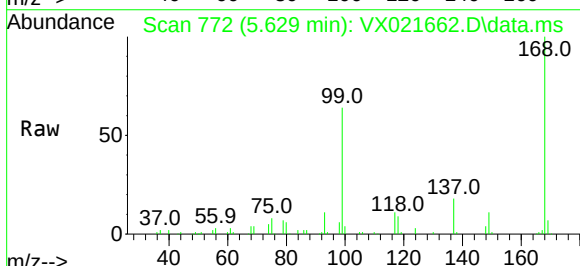
Tgt Ion: 117 Resp: 6251

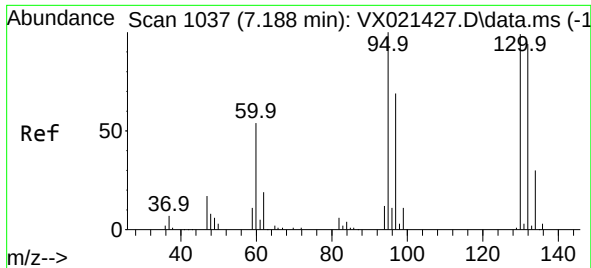
Ion Ratio Lower Upper

117 100

119 7.5 76.2 114.2#

121 0.0 24.8 37.2#

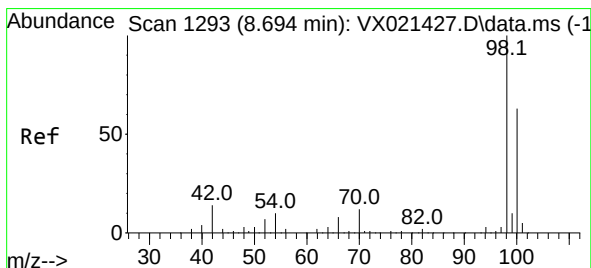
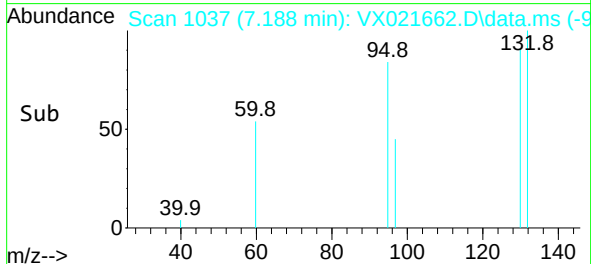
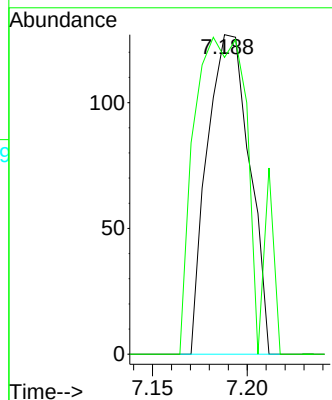
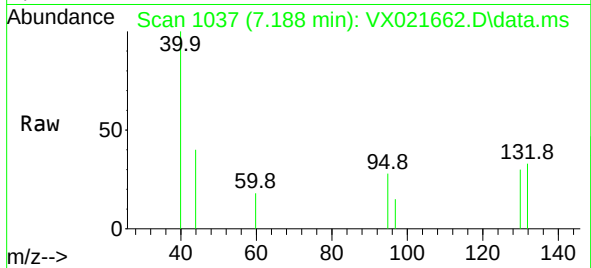




#44
Trichloroethene
Concen: 0.25 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021662.D
Acq: 31 Mar 2021 04:34

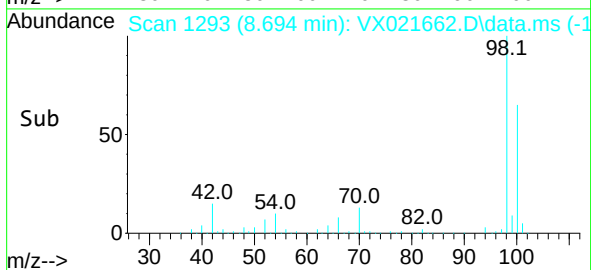
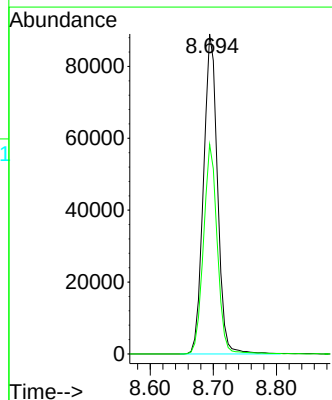
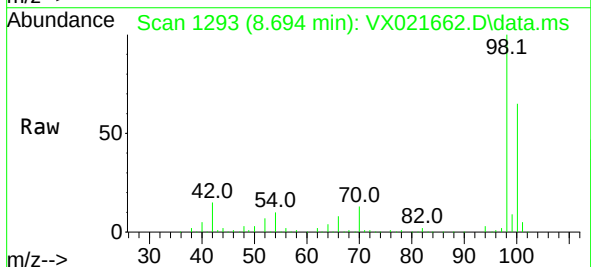
Instrument :
MSVOA_X
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RE104D3-20210323

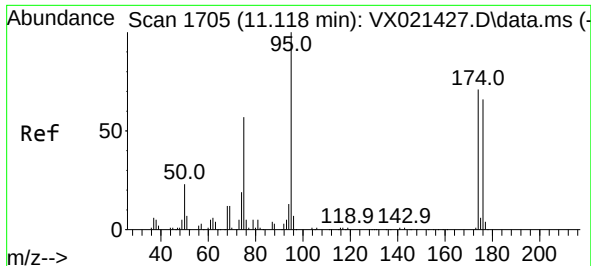
Tgt Ion:130 Resp: 197
Ion Ratio Lower Upper
130 100
95 92.9 0.0 198.0



#50
Toluene-d8
Concen: 50.46 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021662.D
Acq: 31 Mar 2021 04:34

Tgt Ion: 98 Resp: 137432
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

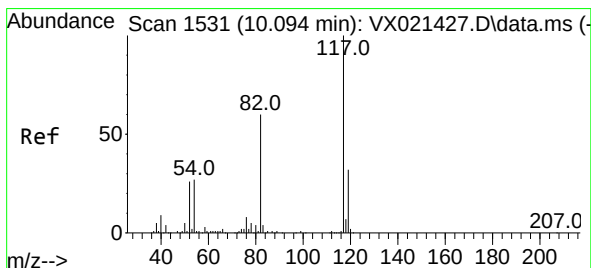
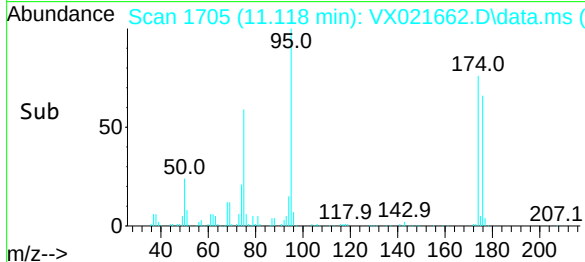
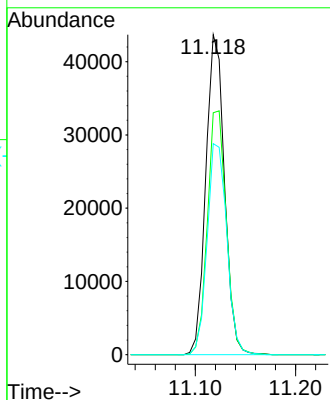
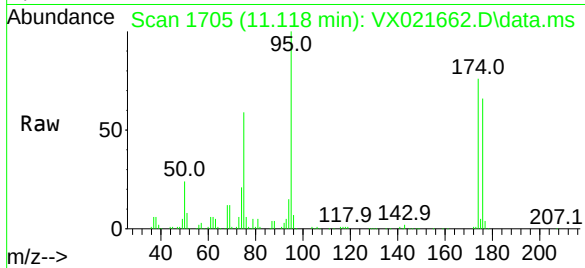




#62
4-Bromofluorobenzene
Concen: 53.36 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021662.D
Acq: 31 Mar 2021 04:34

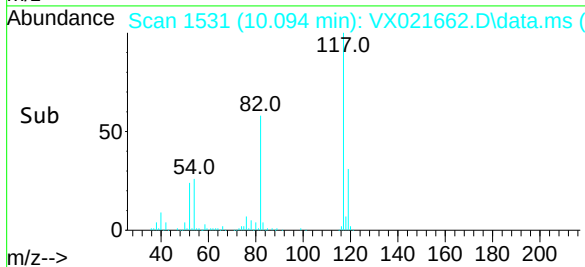
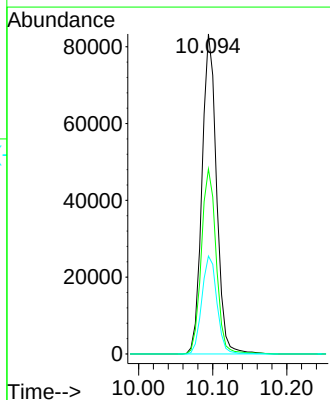
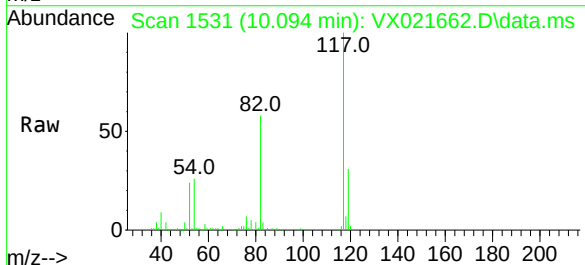
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20210323

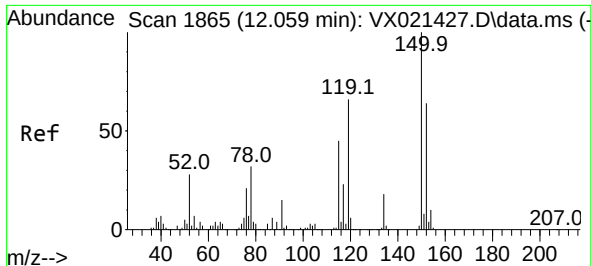
Tgt Ion:	95	Resp:	56502
Ion Ratio	Lower	Upper	
95	100		
174	77.3	0.0	154.6
176	69.2	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021662.D
Acq: 31 Mar 2021 04:34

Tgt Ion:	117	Resp:	113670
Ion Ratio	Lower	Upper	
117	100		
82	57.8	47.4	71.2
119	30.6	26.6	39.8

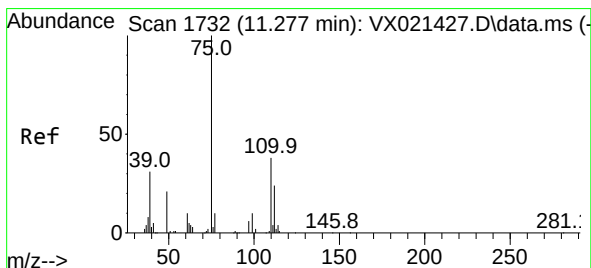
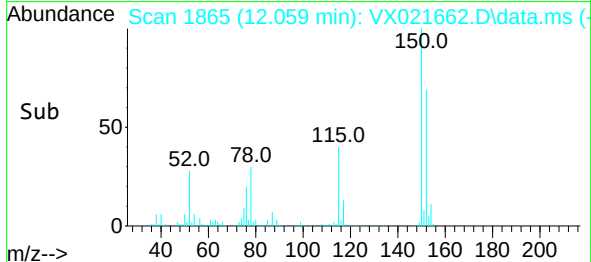
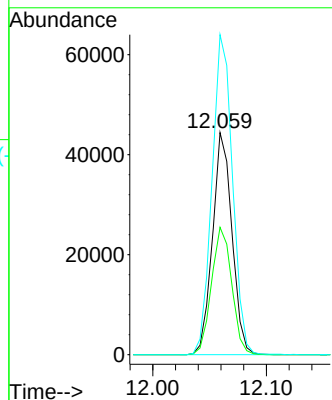
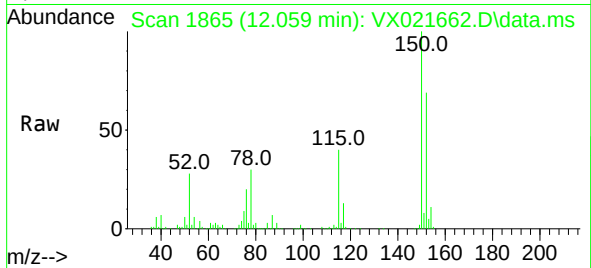




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021662.D
 Acq: 31 Mar 2021 04:34

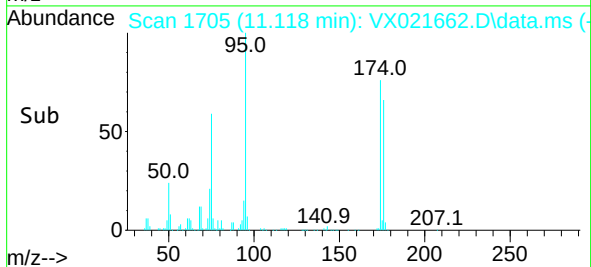
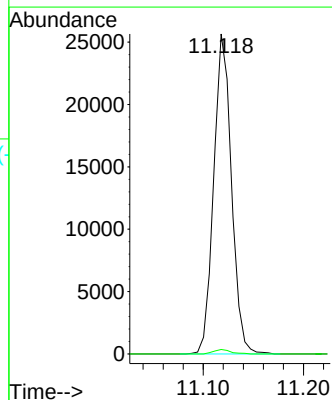
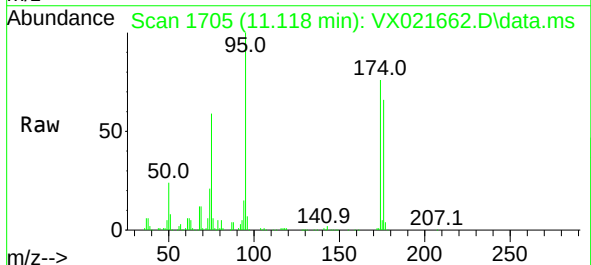
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20210323

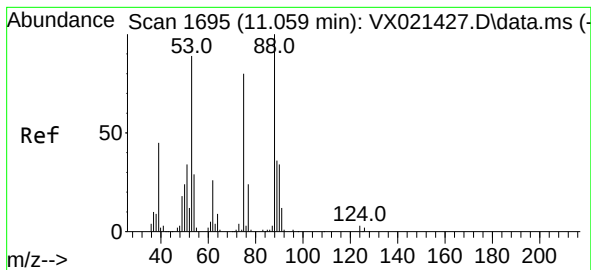
Tgt Ion:152 Resp: 52891
 Ion Ratio Lower Upper
 152 100
 115 59.6 41.1 123.3
 150 151.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.55 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021662.D
 Acq: 31 Mar 2021 04:34

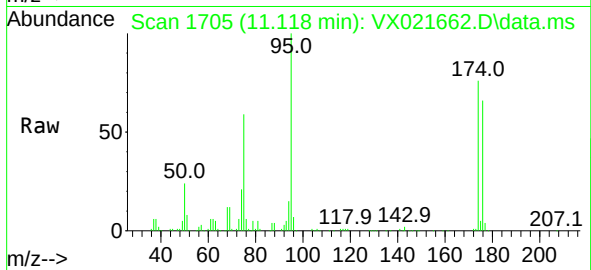
Tgt Ion: 75 Resp: 31454
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.81 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021662.D
 Acq: 31 Mar 2021 04:34

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20210323



Tgt Ion: 75 Resp: 31454
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

