

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
 Data File : VX021680.D
 Acq On : 31 Mar 2021 13:27
 Operator : JC/MD
 Sample : M1842-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D3-20210324

Quant Time: Apr 01 03:24:11 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)

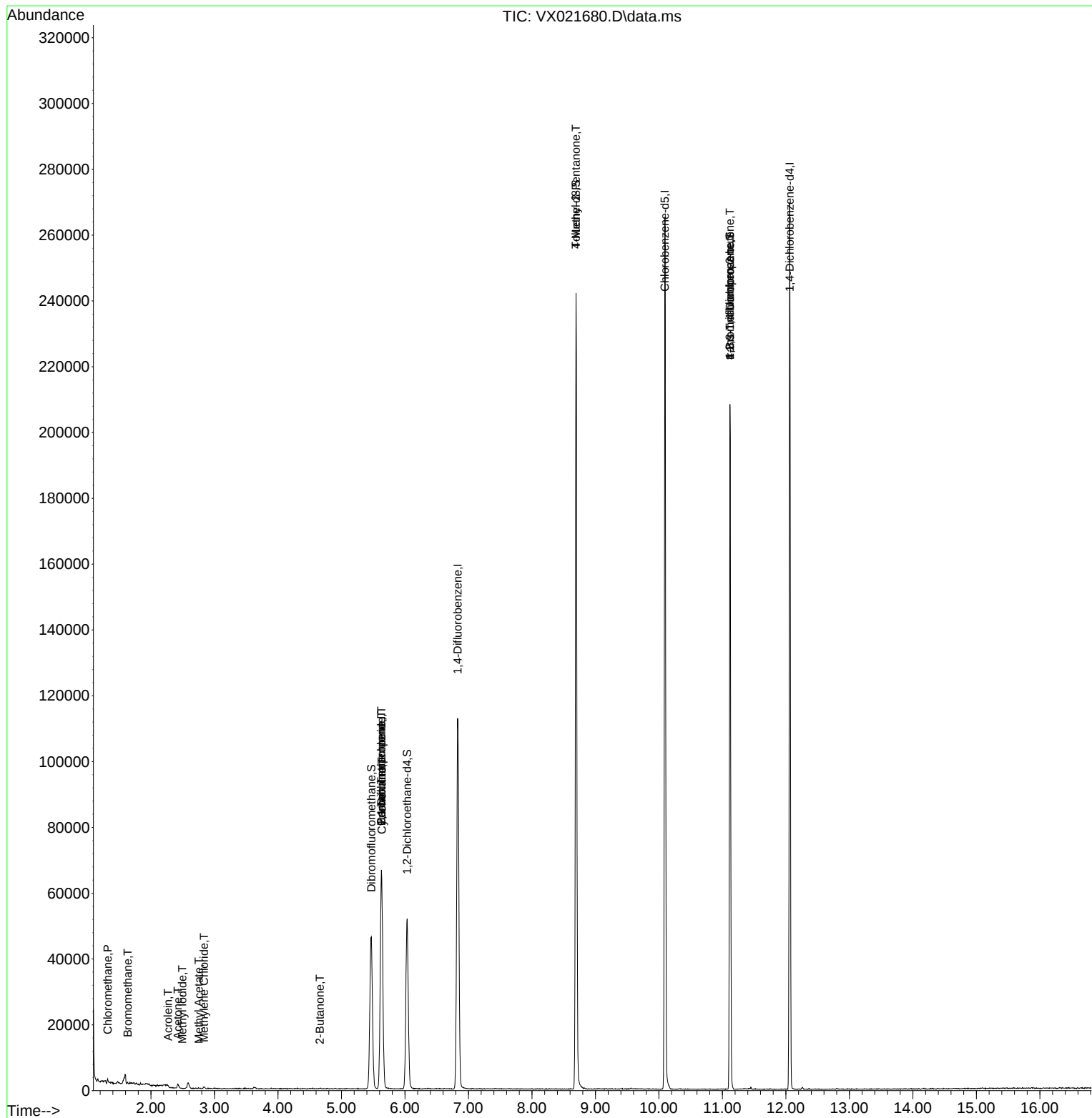
Internal Standards						
1) Pentafluorobenzene	5.629	168	57260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	106243	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	111596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49880	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	51208	53.75	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.50%			
35) Dibromofluoromethane	5.470	113	38332	50.79	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.58%			
50) Toluene-d8	8.694	98	134431	49.99	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.98%			
62) 4-Bromofluorobenzene	11.118	95	53460	51.13	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.26%			
Target Compounds						Qvalue
3) Chloromethane	1.316	50	1364	1.93	ug/l #	86
5) Bromomethane	1.634	94	117	0.45	ug/l #	63
10) Methyl Iodide	2.493	142	20	6.68	ug/l #	42
13) Acrolein	2.270	56	21	4.56	ug/l #	76
16) Acetone	2.422	43	1365	3.79	ug/l #	79
18) Methyl Acetate	2.752	43	224	0.22	ug/l #	47
20) Methylene Chloride	2.834	84	279	0.40	ug/l #	73
25) 2-Butanone	4.658	43	197	0.36	ug/l #	45
31) Cyclohexane	5.635	56	1609	1.54	ug/l #	46
36) 1,1-Dichloropropene	5.629	75	5213	5.01	ug/l #	50
38) Carbon Tetrachloride	5.629	117	6356	5.68	ug/l #	16
51) 4-Methyl-2-Pentanone	8.694	43	786	0.65	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	30231	26.03	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	30231	79.30	ug/l #	12

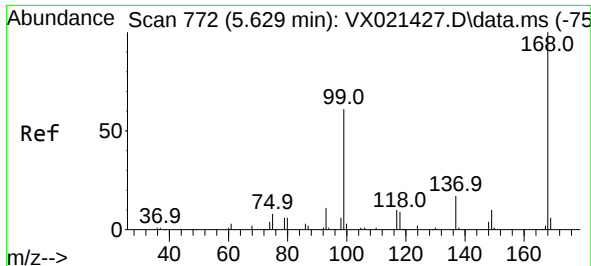
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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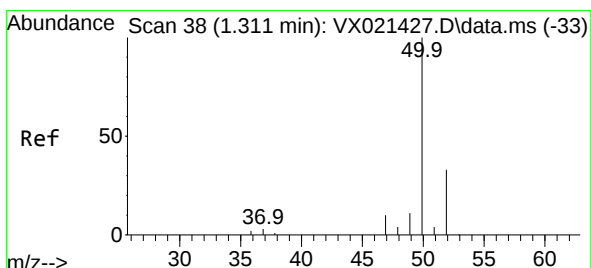
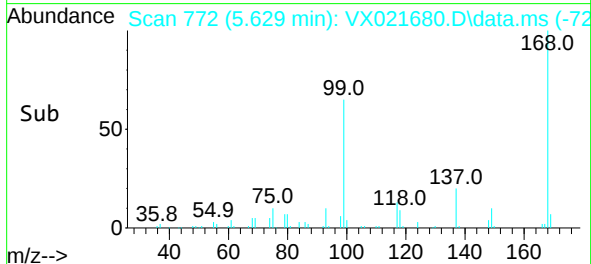
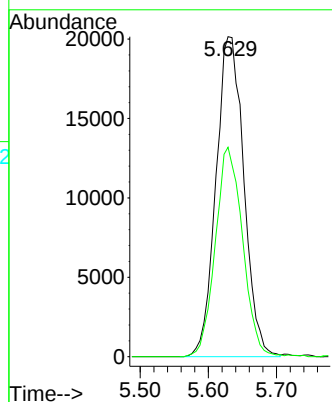
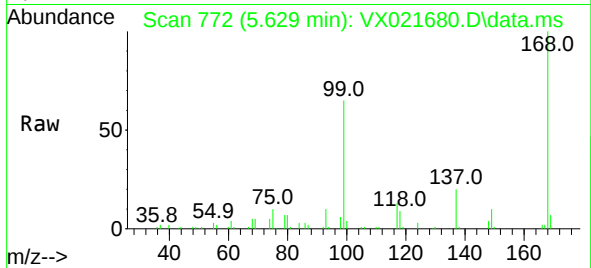




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021680.D
Acq: 31 Mar 2021 13:27

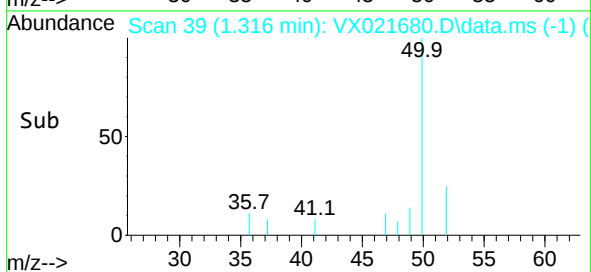
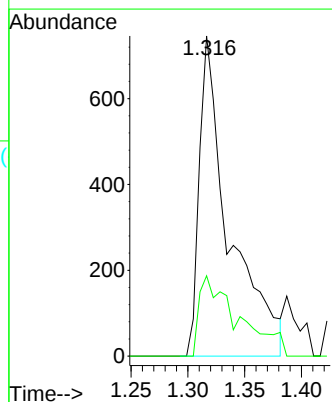
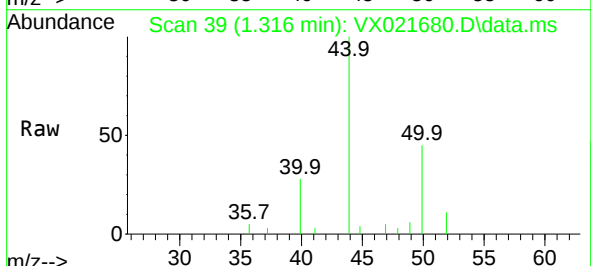
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210324

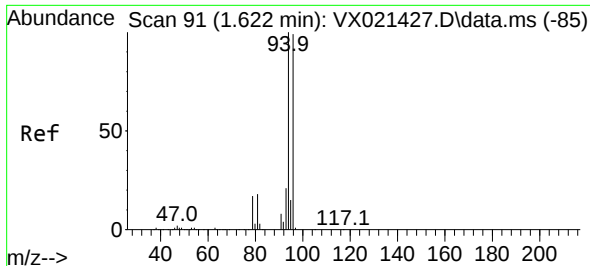
Tgt Ion:168 Resp: 57260
Ion Ratio Lower Upper
168 100
99 65.5 45.8 68.6



#3
Chloromethane
Concen: 1.93 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021680.D
Acq: 31 Mar 2021 13:27

Tgt Ion: 50 Resp: 1364
Ion Ratio Lower Upper
50 100
52 25.1 26.4 39.6#

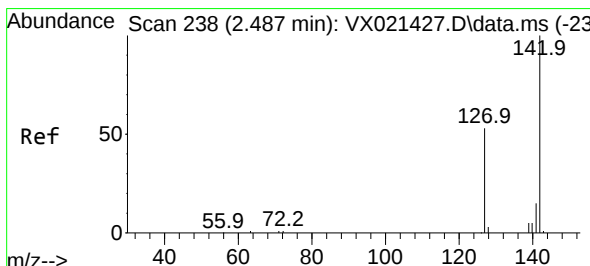
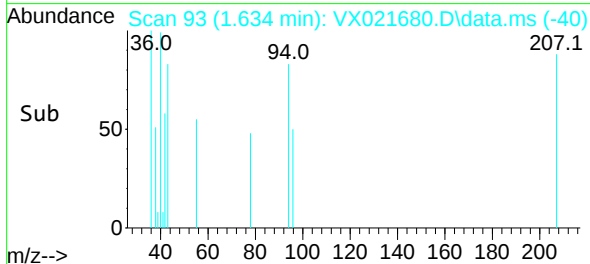
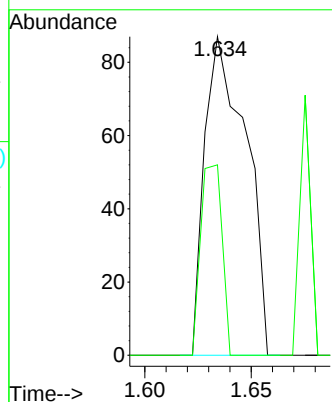
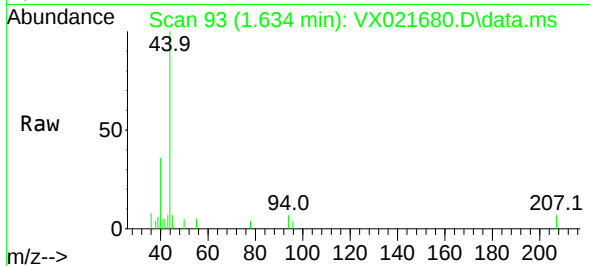




#5
Bromomethane
Concen: 0.45 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021680.D
Acq: 31 Mar 2021 13:27

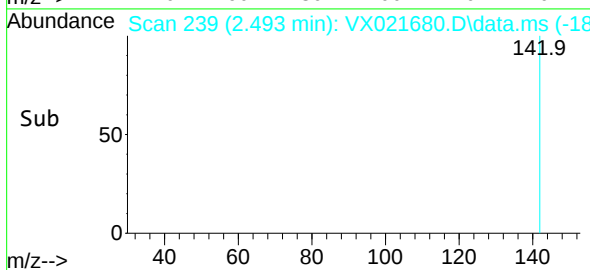
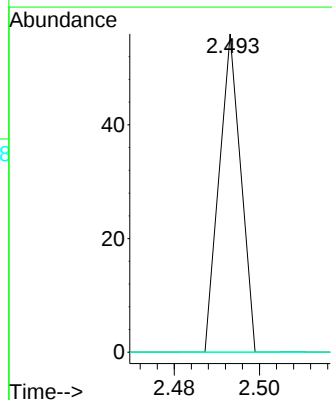
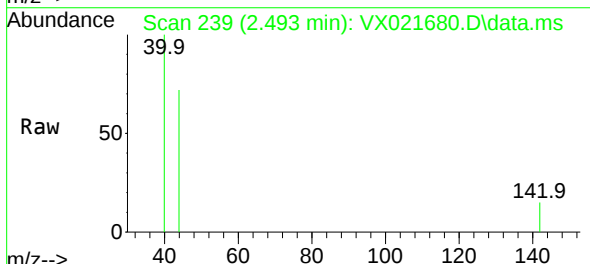
Instrument :
MSVOA_X
ClientSampleId :
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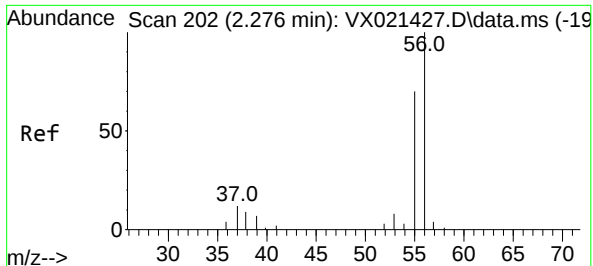
Tgt Ion: 94 Resp: 117
Ion Ratio Lower Upper
94 100
96 59.8 76.4 114.6#



#10
Methyl Iodide
Concen: 6.68 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021680.D
Acq: 31 Mar 2021 13:27

Tgt Ion: 142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

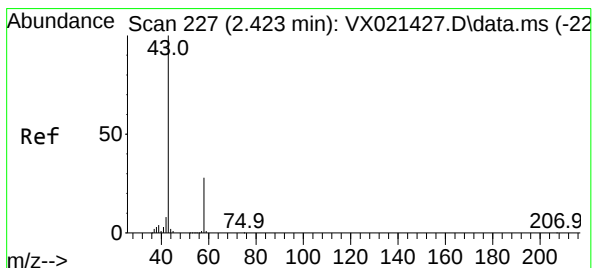
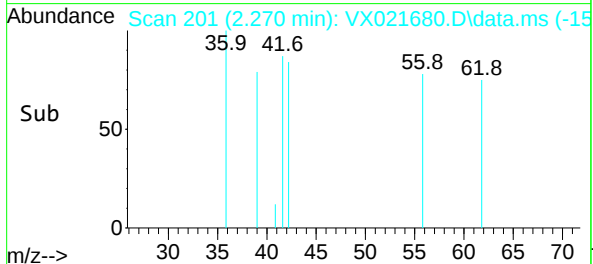
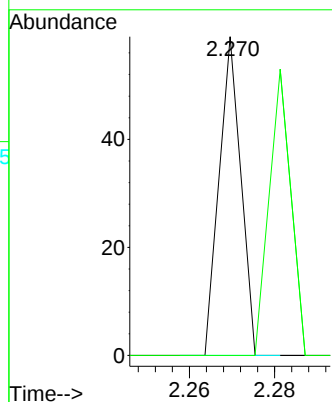
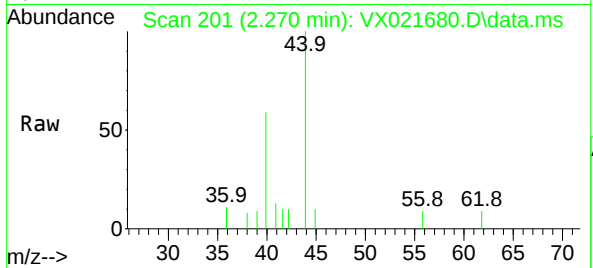




#13
Acrolein
Concen: 4.56 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021680.D
Acq: 31 Mar 2021 13:27

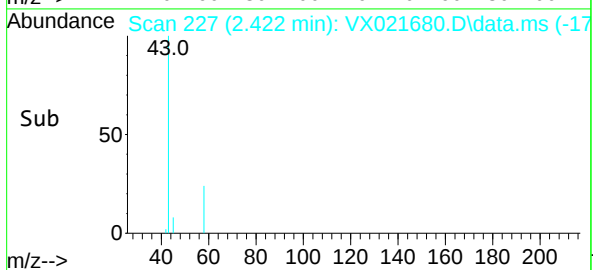
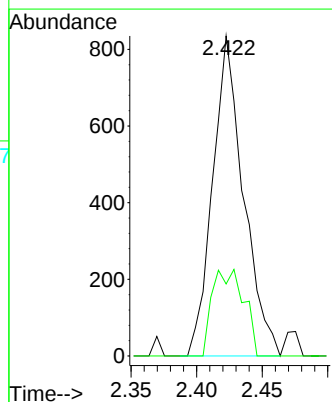
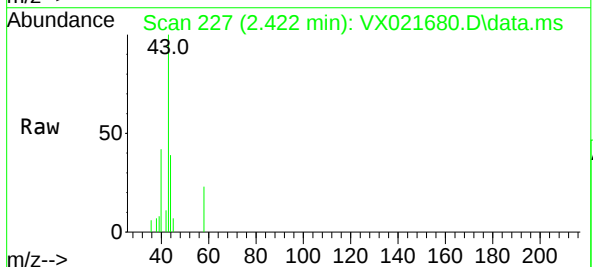
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210324

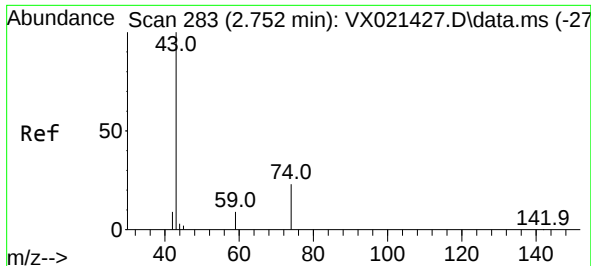
Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 90.5 56.4 84.6#



#16
Acetone
Concen: 3.79 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021680.D
Acq: 31 Mar 2021 13:27

Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
58 22.5 27.8 41.8#

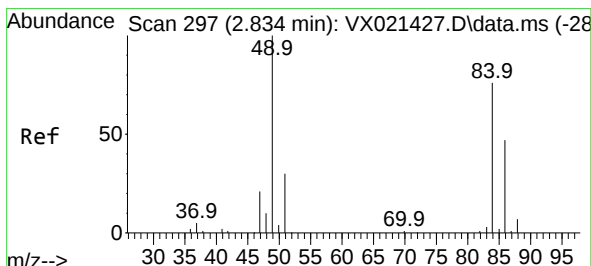
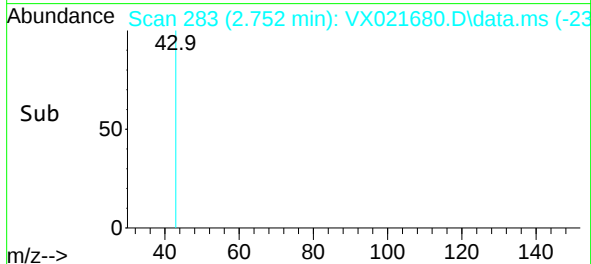
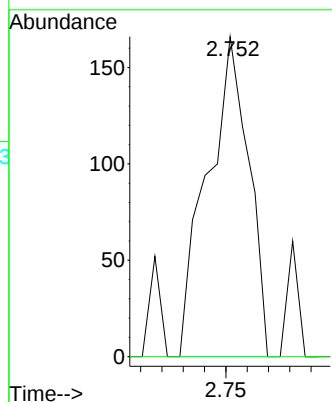
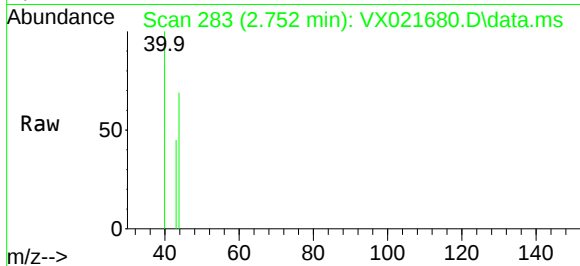




#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021680.D
Acq: 31 Mar 2021 13:27

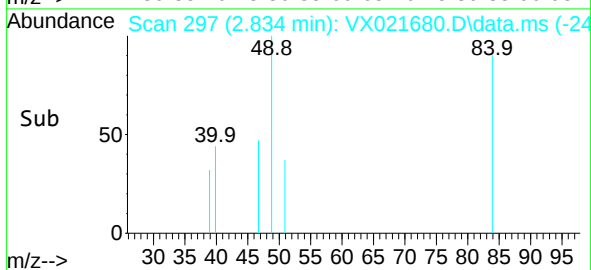
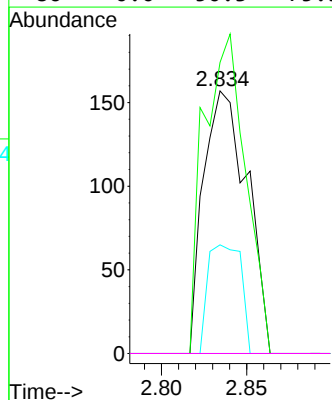
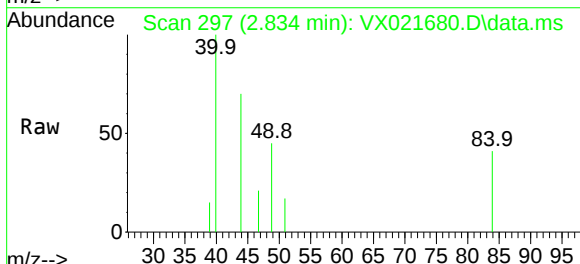
Instrument :
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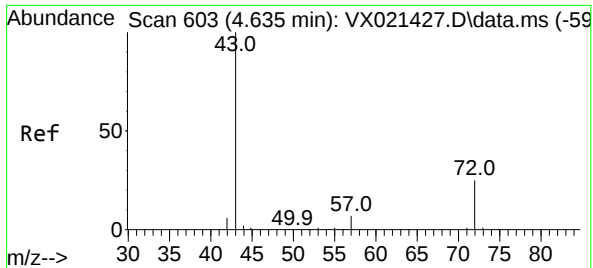
Tgt Ion: 43 Resp: 224
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.40 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021680.D
Acq: 31 Mar 2021 13:27

Tgt Ion: 84 Resp: 279
Ion Ratio Lower Upper
84 100
49 110.8 88.6 132.8
51 41.4 27.0 40.6#
86 0.0 50.3 75.5#

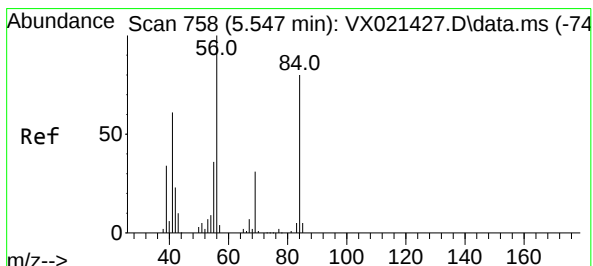
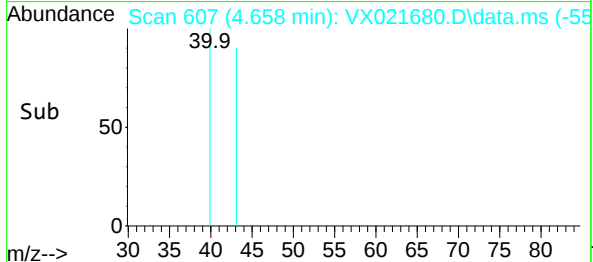
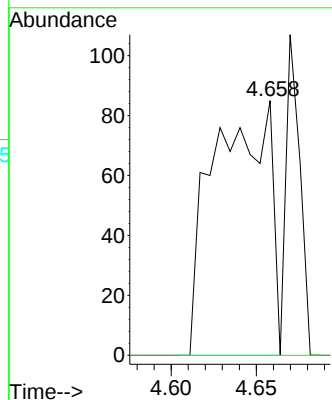
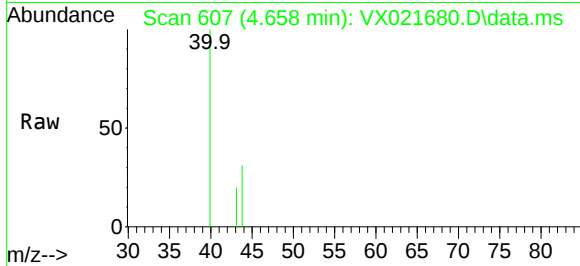




#25
2-Butanone
Concen: 0.36 ug/l
RT: 4.658 min Scan# 607
Delta R.T. 0.023 min
Lab File: VX021680.D
Acq: 31 Mar 2021 13:27

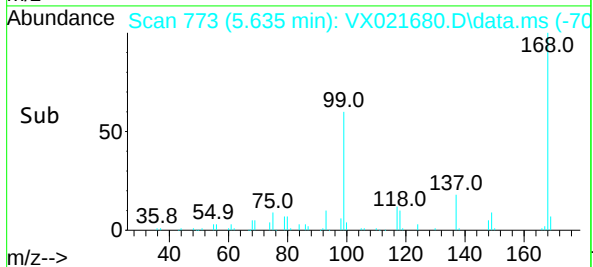
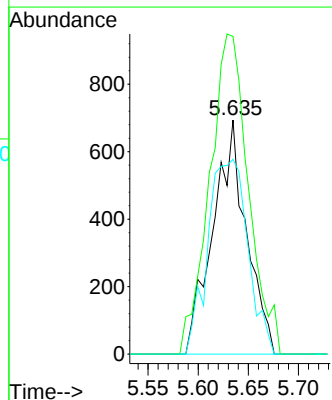
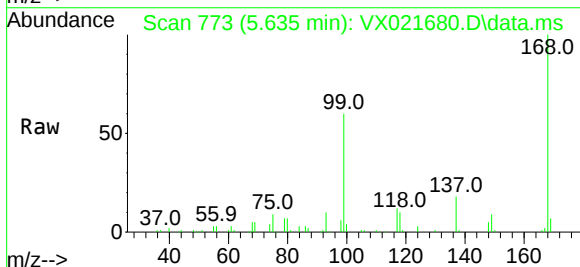
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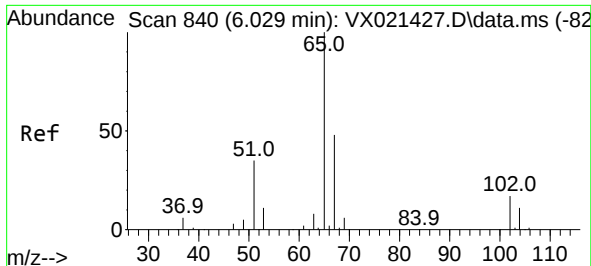
Tgt Ion: 43 Resp: 197
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.54 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021680.D
Acq: 31 Mar 2021 13:27

Tgt Ion: 56 Resp: 1609
Ion Ratio Lower Upper
56 100
69 135.7 25.3 37.9#
84 83.1 71.4 107.0

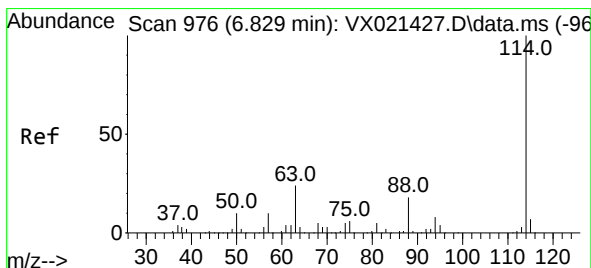
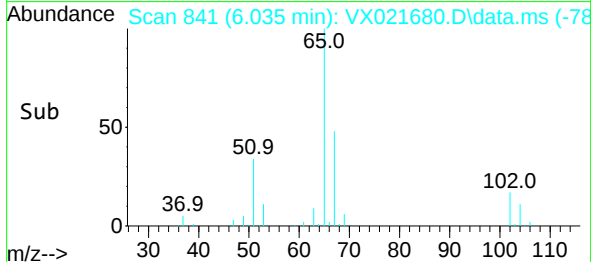
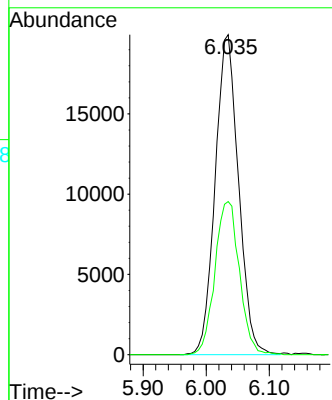
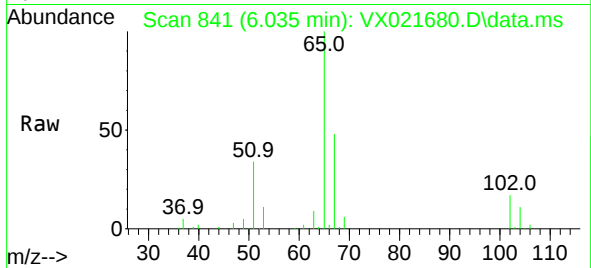




#33
1,2-Dichloroethane-d4
Concen: 53.75 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021680.D
Acq: 31 Mar 2021 13:27

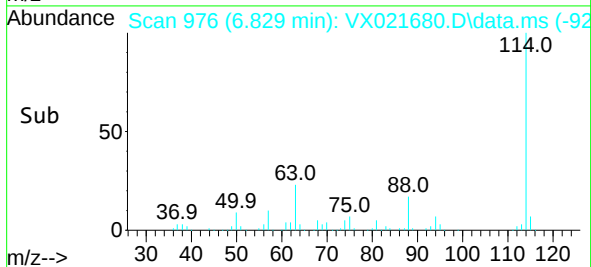
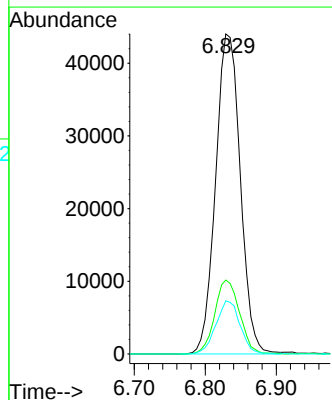
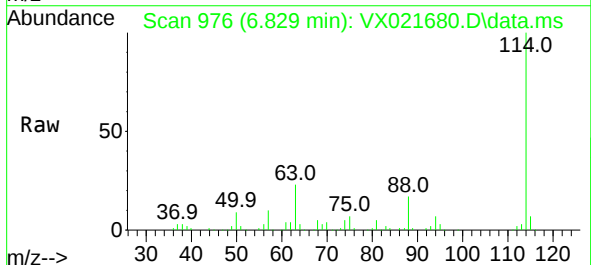
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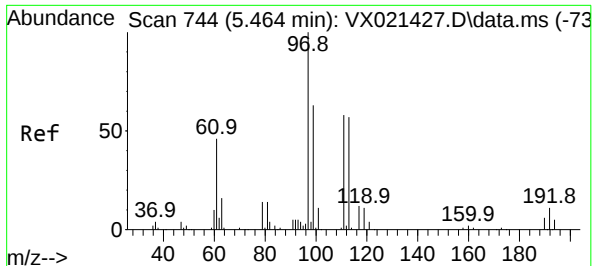
Tgt Ion: 65 Resp: 51208
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021680.D
Acq: 31 Mar 2021 13:27

Tgt Ion: 114 Resp: 106243
Ion Ratio Lower Upper
114 100
63 23.1 0.0 40.8
88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.79 ug/l

RT: 5.470 min Scan# 745

Delta R.T. 0.006 min

Lab File: VX021680.D

Acq: 31 Mar 2021 13:27

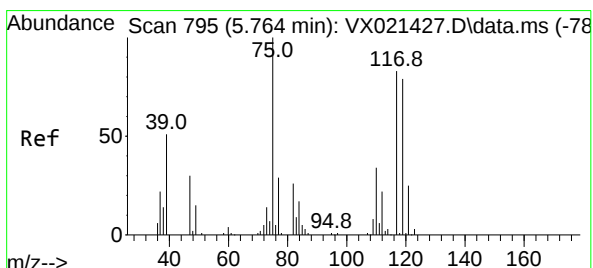
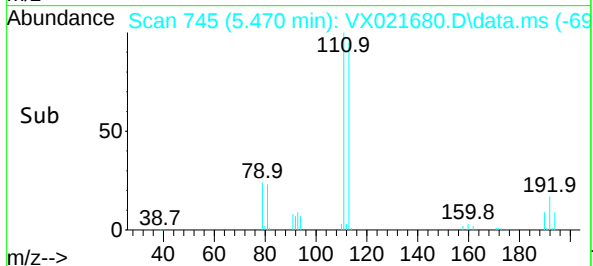
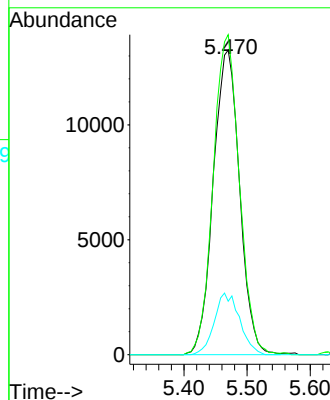
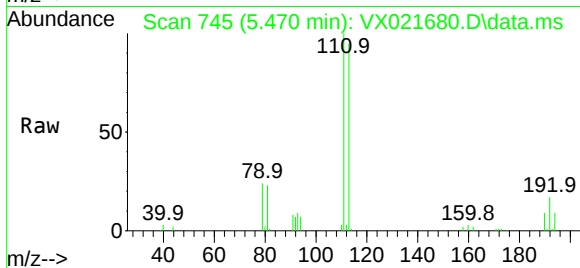
Tgt Ion:113 Resp: 38332

Ion Ratio Lower Upper

113 100

111 104.4 81.9 122.9

192 19.5 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.01 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.135 min

Lab File: VX021680.D

Acq: 31 Mar 2021 13:27

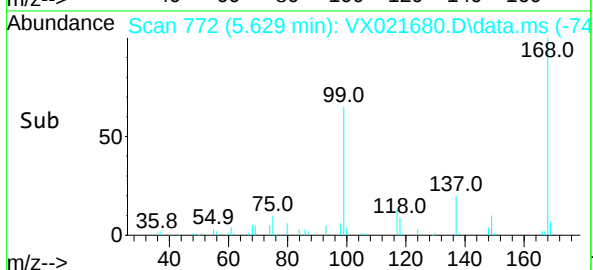
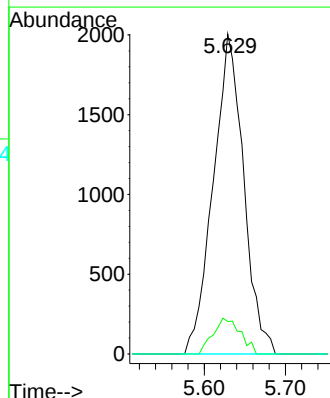
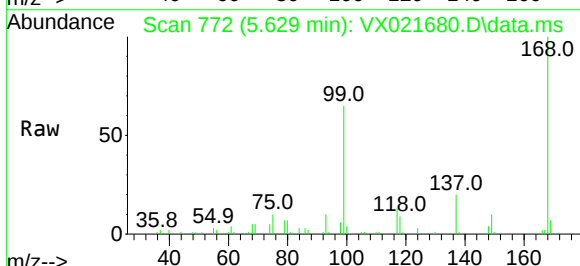
Tgt Ion: 75 Resp: 5213

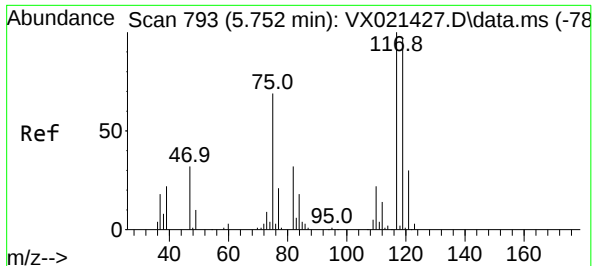
Ion Ratio Lower Upper

75 100

110 10.1 18.1 54.4#

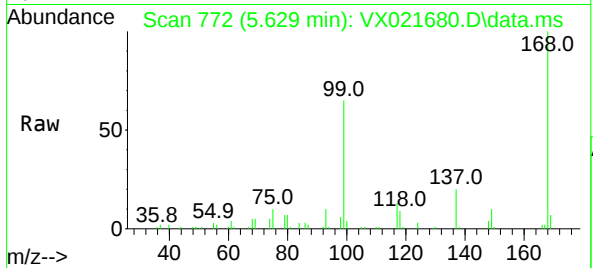
77 0.0 25.3 37.9#



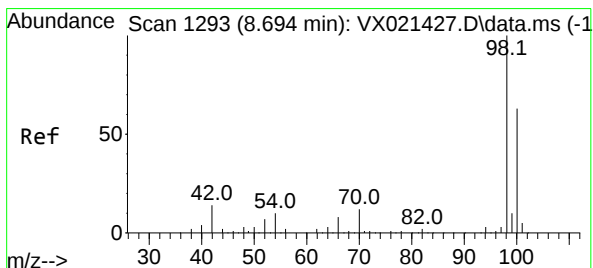
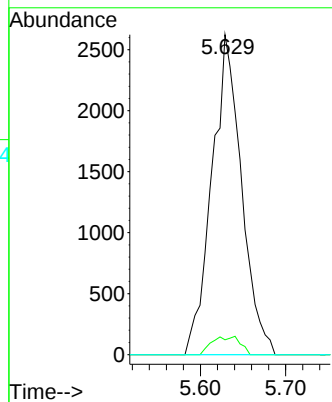
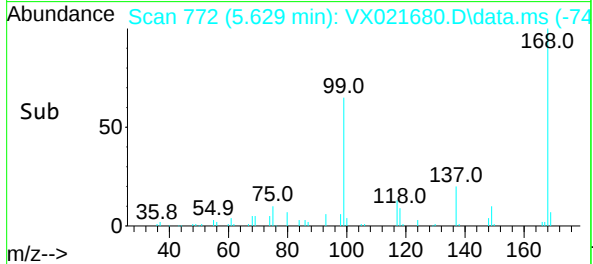


#38
Carbon Tetrachloride
Concen: 5.68 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021680.D
Acq: 31 Mar 2021 13:27

Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210324

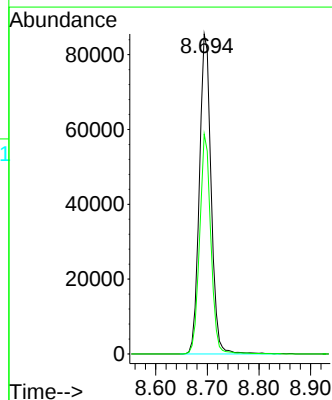
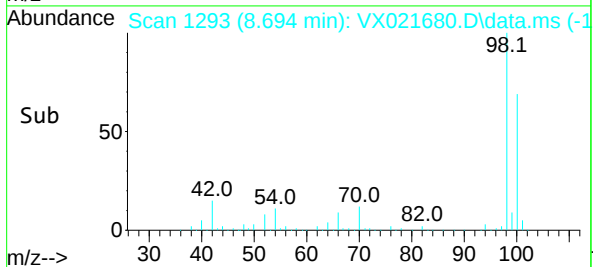
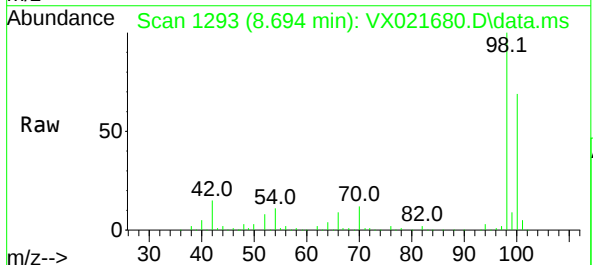


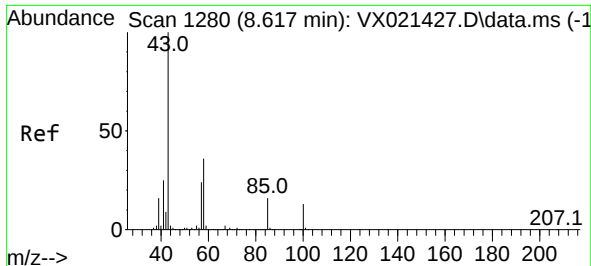
Tgt Ion:117 Resp: 6356
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.99 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021680.D
Acq: 31 Mar 2021 13:27

Tgt Ion: 98 Resp: 134431
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

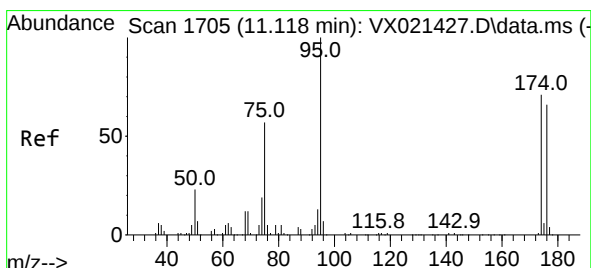
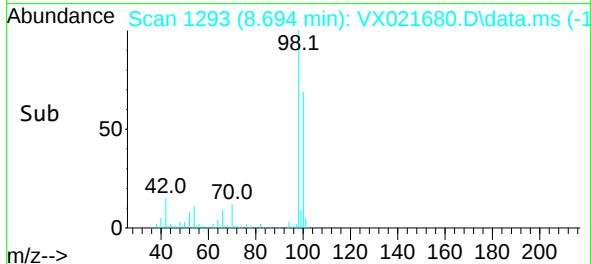
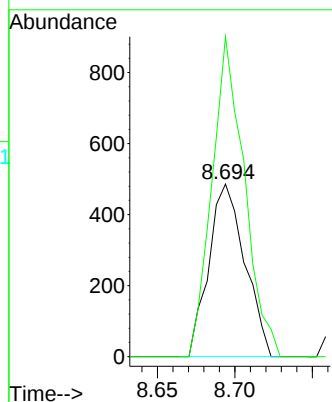
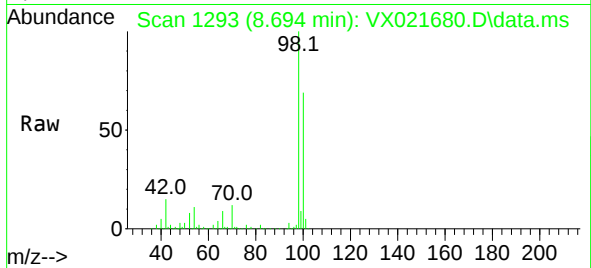




#51
4-Methyl-2-Pentanone
Concen: 0.65 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021680.D
Acq: 31 Mar 2021 13:27

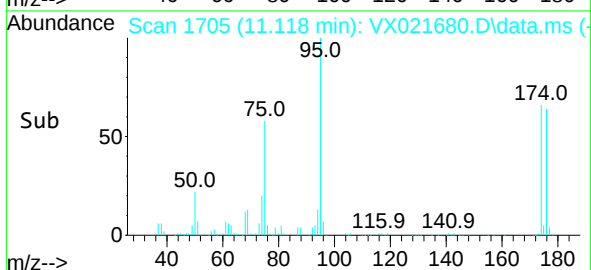
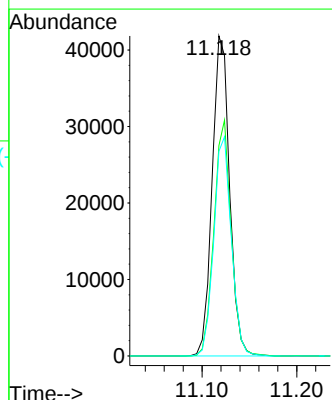
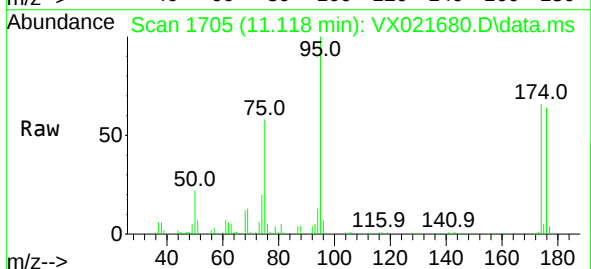
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210324

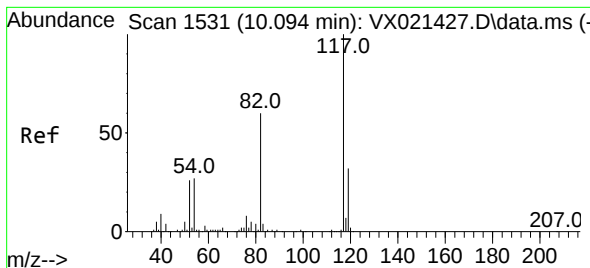
Tgt Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
58 166.8 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 51.13 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021680.D
Acq: 31 Mar 2021 13:27

Tgt Ion: 95 Resp: 53460
Ion Ratio Lower Upper
95 100
174 72.7 0.0 154.6
176 69.1 0.0 155.8

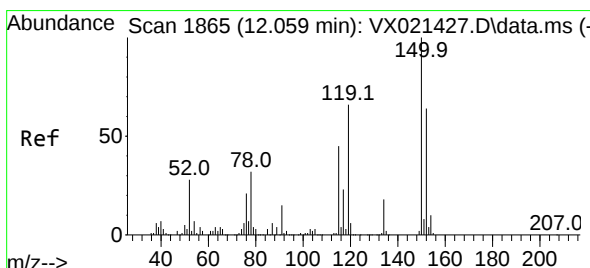
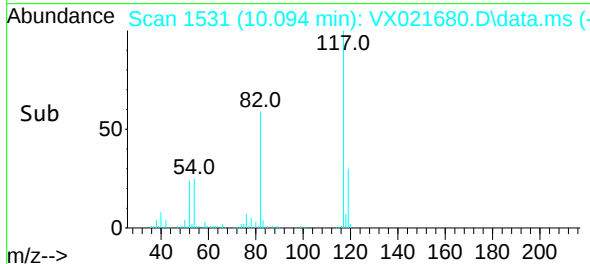
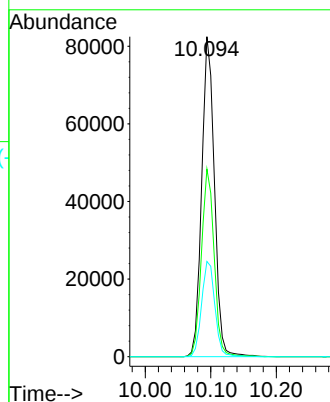
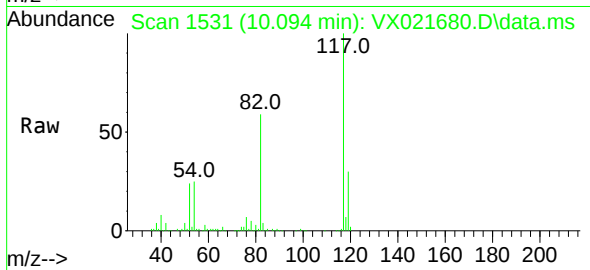




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021680.D
Acq: 31 Mar 2021 13:27

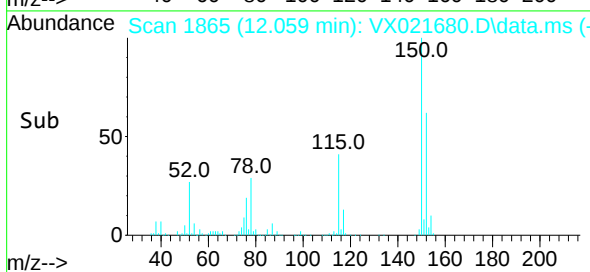
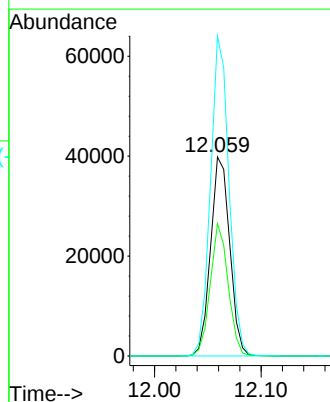
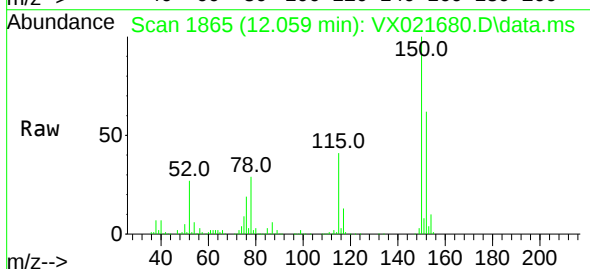
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210324

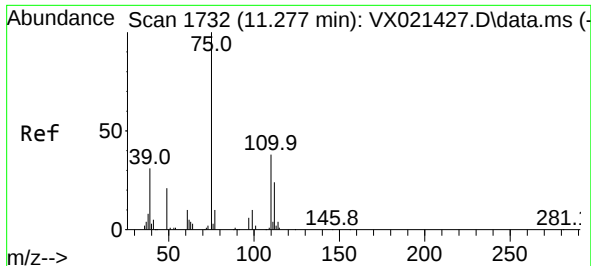
Tgt Ion:117 Resp: 111596
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 29.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021680.D
Acq: 31 Mar 2021 13:27

Tgt Ion:152 Resp: 49880
Ion Ratio Lower Upper
152 100
115 62.0 41.1 123.3
150 155.0 0.0 349.0

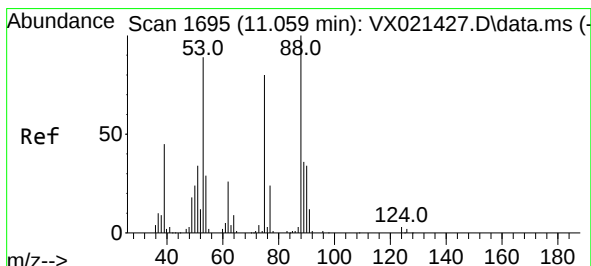
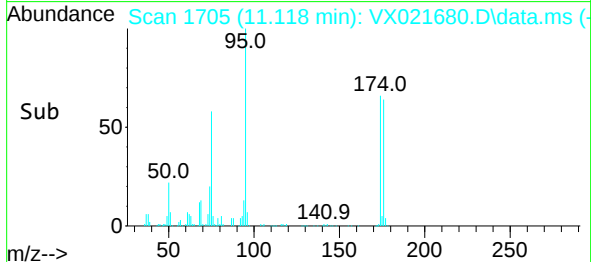
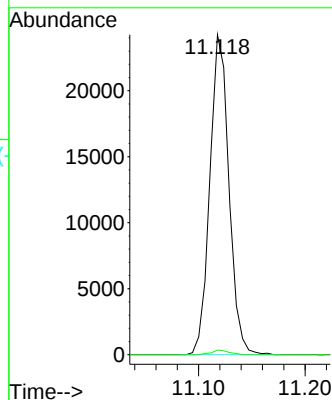
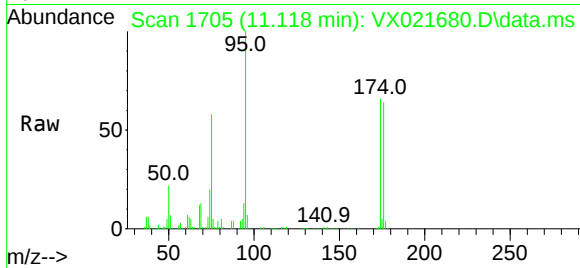




#76
1,2,3-Trichloropropane
Concen: 26.03 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021680.D
Acq: 31 Mar 2021 13:27

Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210324

Tgt Ion: 75 Resp: 30231
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.30 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021680.D
Acq: 31 Mar 2021 13:27

Tgt Ion: 75 Resp: 30231
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

