

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021605.D
 Acq On : 30 Mar 2021 03:01
 Operator : JC/MD
 Sample : M1843-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20210325

Quant Time: Mar 30 05:23:49 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)

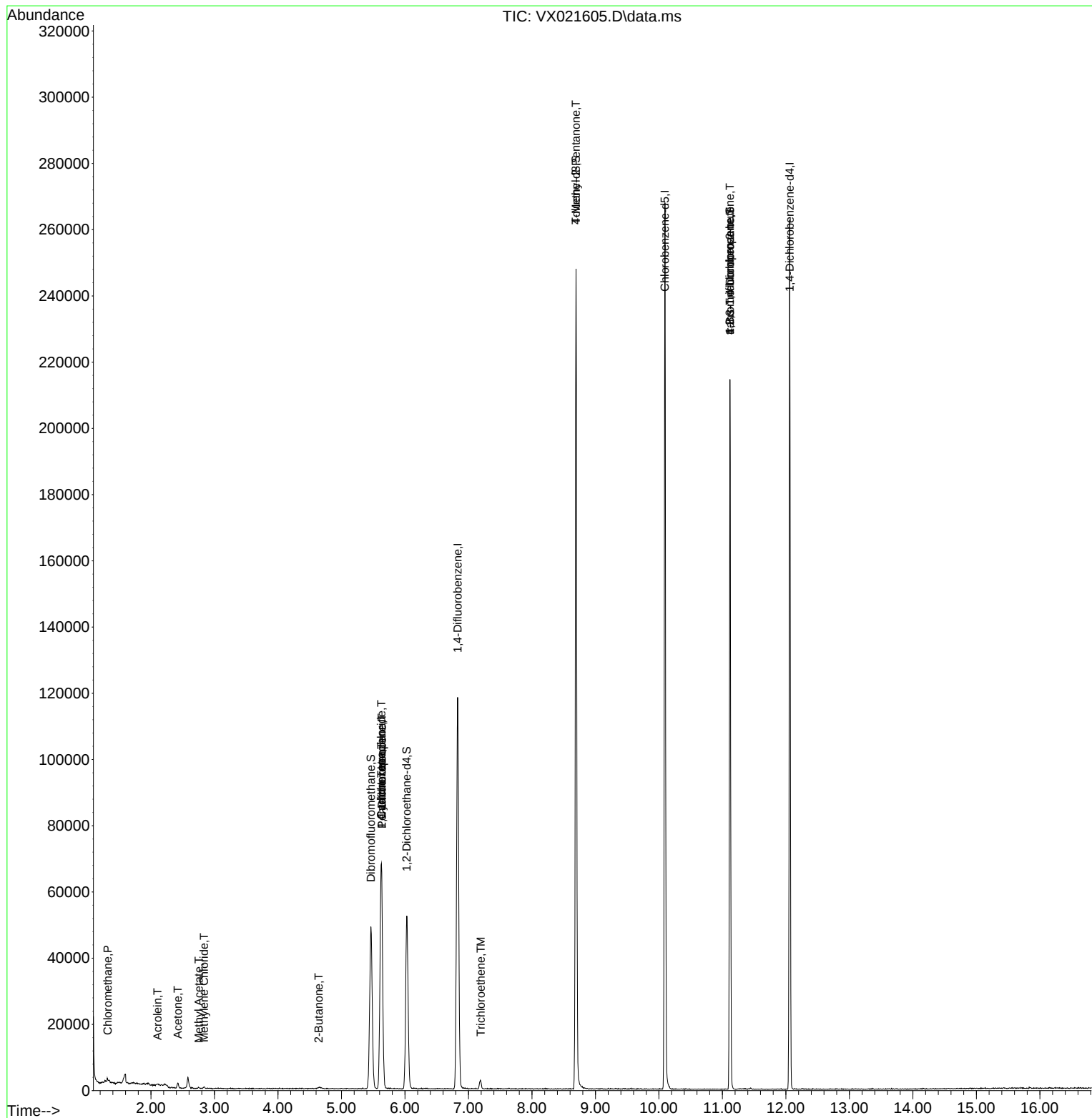
Internal Standards						
1) Pentafluorobenzene	5.635	168	60265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	109855	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	110457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	47086	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	52075	51.93	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.86%	
35) Dibromofluoromethane	5.464	113	39831	51.04	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.08%	
50) Toluene-d8	8.694	98	138406	49.77	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.54%	
62) 4-Bromofluorobenzene	11.118	95	53975	49.93	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.86%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1518	2.03	ug/l	99
13) Acrolein	2.105	56	20	4.53	ug/l #	22
16) Acetone	2.423	43	1547	4.08	ug/l	89
18) Methyl Acetate	2.752	43	250	0.23	ug/l #	47
20) Methylene Chloride	2.835	84	211	0.29	ug/l #	77
25) 2-Butanone	4.641	43	146	0.25	ug/l #	45
31) Cyclohexane	5.629	56	1629	1.48	ug/l #	1
36) 1,1-Dichloropropene	5.635	75	5368	4.99	ug/l #	49
38) Carbon Tetrachloride	5.629	117	6586	5.69	ug/l #	16
44) Trichloroethene	7.194	130	988	1.22	ug/l	98
51) 4-Methyl-2-Pentanone	8.694	43	800	0.64	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	29716	27.11	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	29716	82.57	ug/l #	12

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

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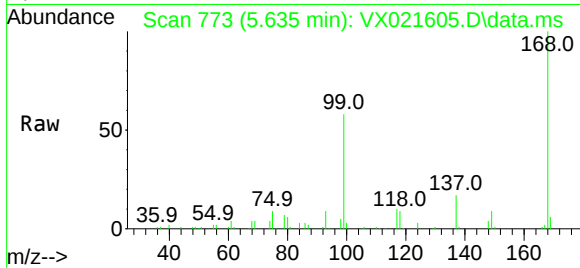
Quant Time: Mar 30 05:23:49 2021
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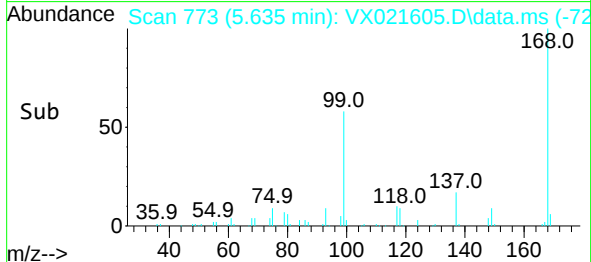
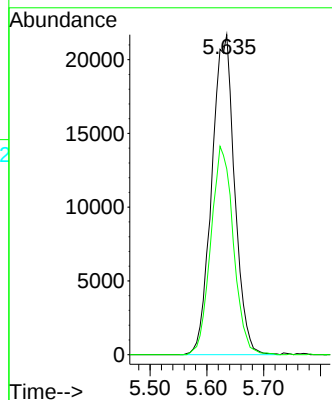


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021605.D
Acq: 30 Mar 2021 03:01

Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20210325

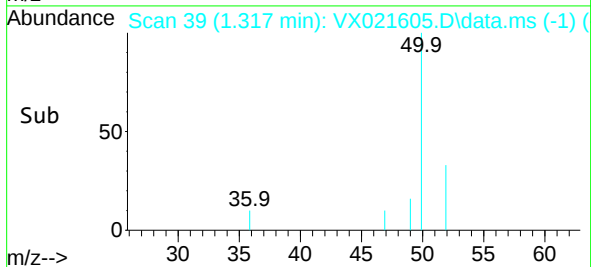
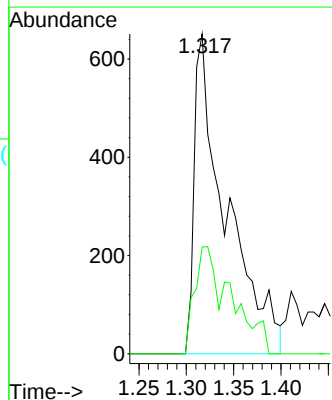
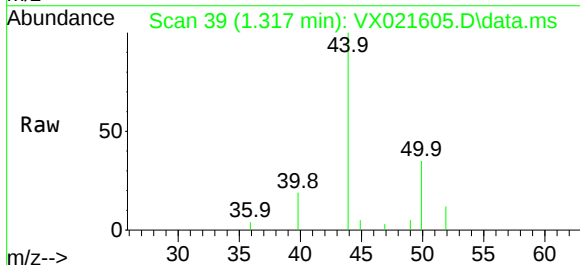


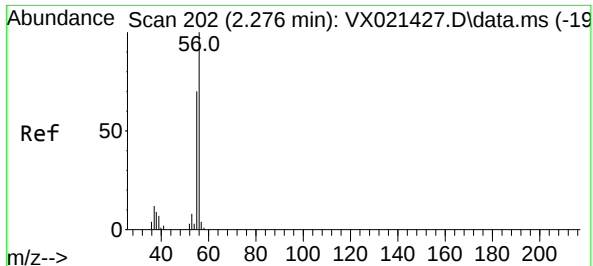
Tgt Ion:168 Resp: 60265
Ion Ratio Lower Upper
168 100
99 58.1 45.8 68.6



#3
Chloromethane
Concen: 2.03 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021605.D
Acq: 30 Mar 2021 03:01

Tgt Ion: 50 Resp: 1518
Ion Ratio Lower Upper
50 100
52 33.3 26.4 39.6

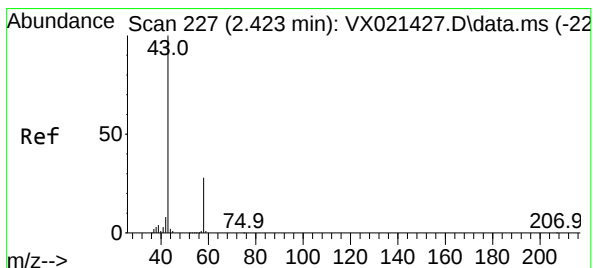
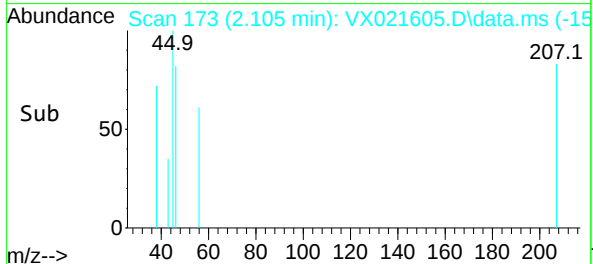
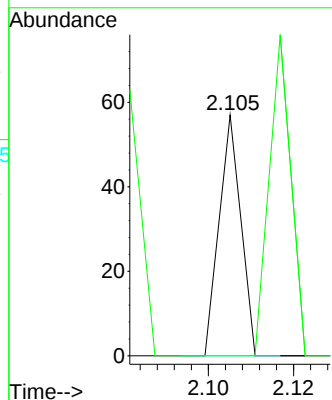
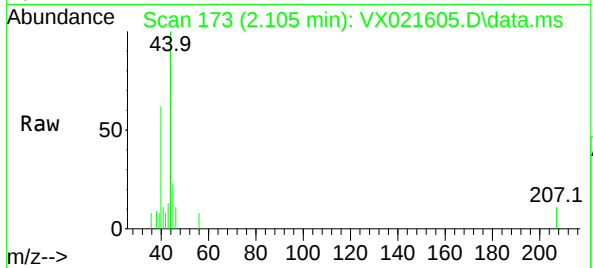




#13
Acrolein
Concen: 4.53 ug/l
RT: 2.105 min Scan# 173
Delta R.T. -0.171 min
Lab File: VX021605.D
Acq: 30 Mar 2021 03:01

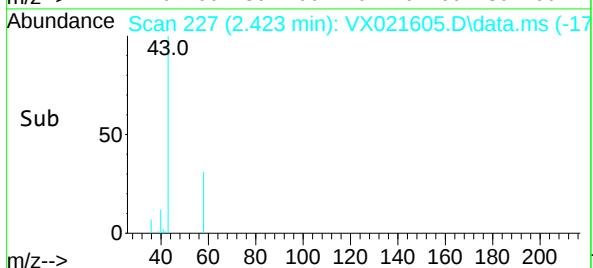
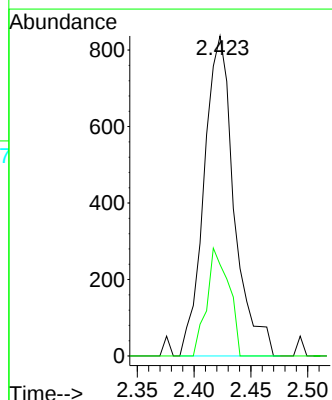
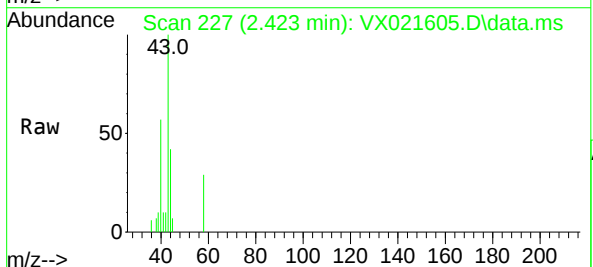
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20210325

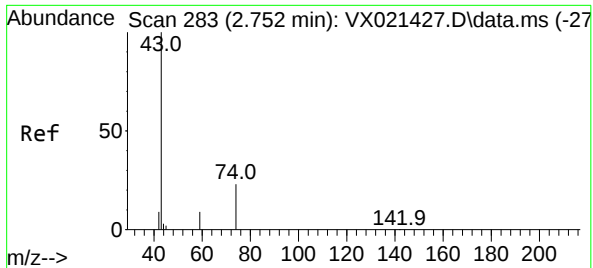
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 135.0 56.4 84.6#



#16
Acetone
Concen: 4.08 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021605.D
Acq: 30 Mar 2021 03:01

Tgt Ion: 43 Resp: 1547
Ion Ratio Lower Upper
43 100
58 28.6 27.8 41.8

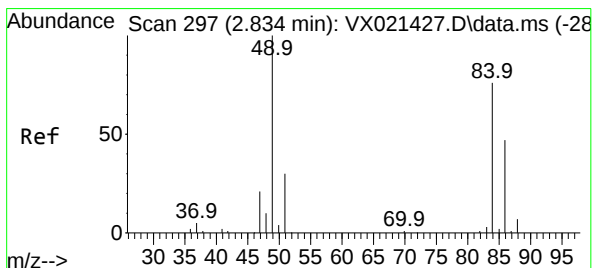
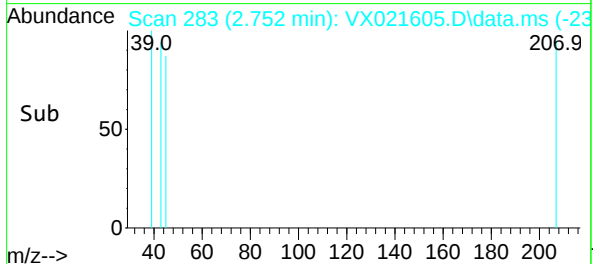
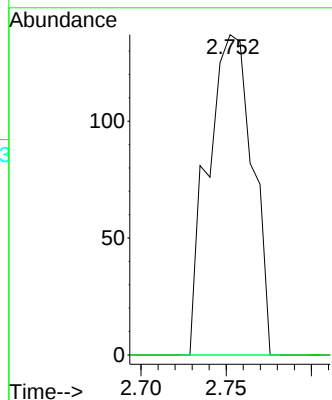
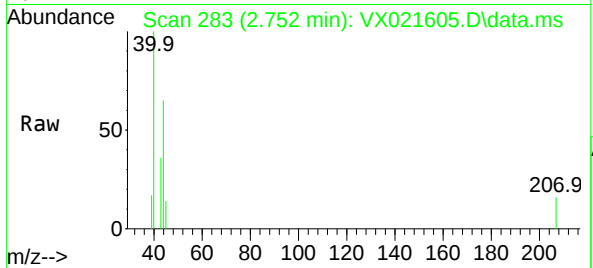




#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021605.D
Acq: 30 Mar 2021 03:01

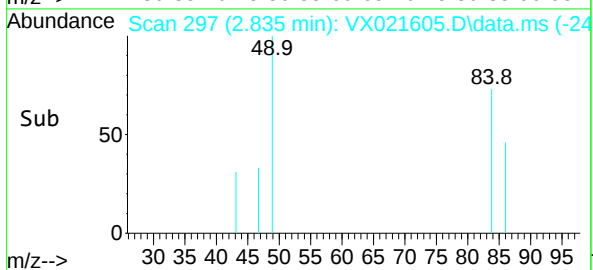
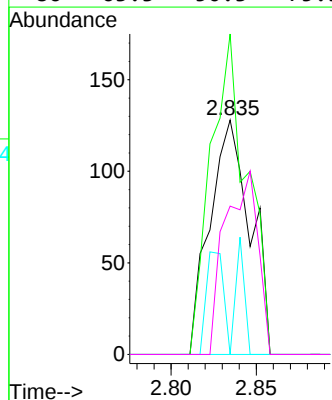
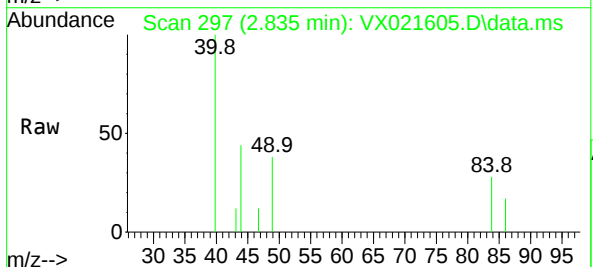
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20210325

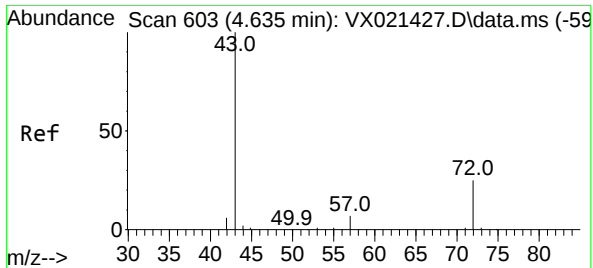
Tgt Ion: 43 Resp: 250
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.001 min
Lab File: VX021605.D
Acq: 30 Mar 2021 03:01

Tgt Ion: 84 Resp: 211
Ion Ratio Lower Upper
84 100
49 136.7 88.6 132.8#
51 0.0 27.0 40.6#
86 63.3 50.3 75.5

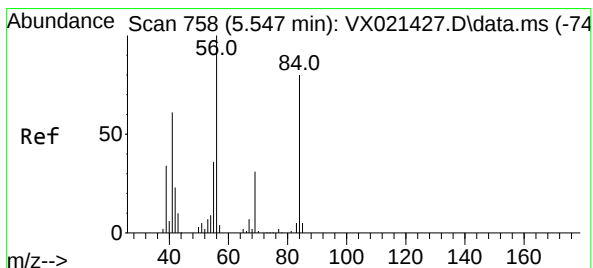
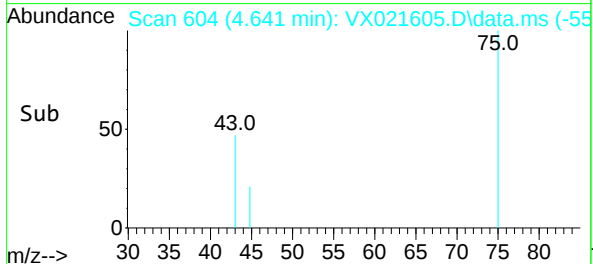
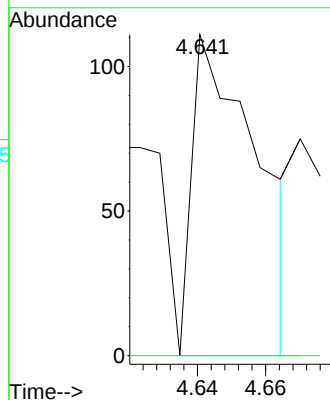
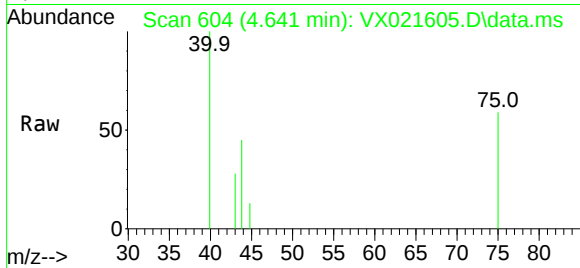




#25
2-Butanone
Concen: 0.25 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021605.D
Acq: 30 Mar 2021 03:01

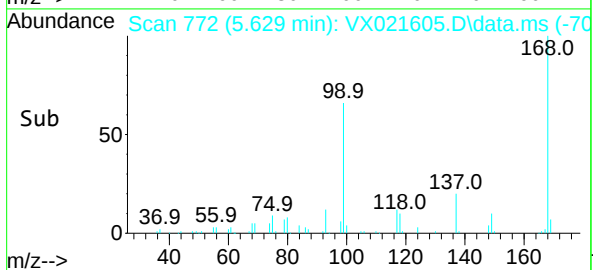
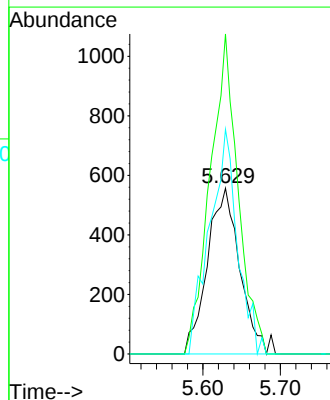
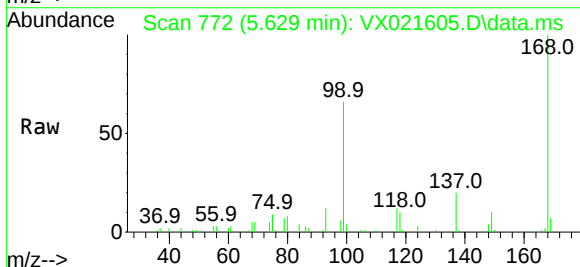
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20210325

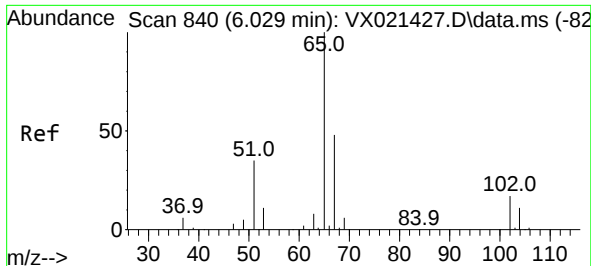
Tgt Ion: 43 Resp: 146
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.48 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021605.D
Acq: 30 Mar 2021 03:01

Tgt Ion: 56 Resp: 1629
Ion Ratio Lower Upper
56 100
69 193.0 25.3 37.9#
84 135.5 71.4 107.0#

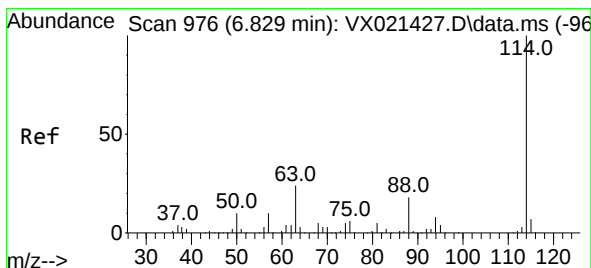
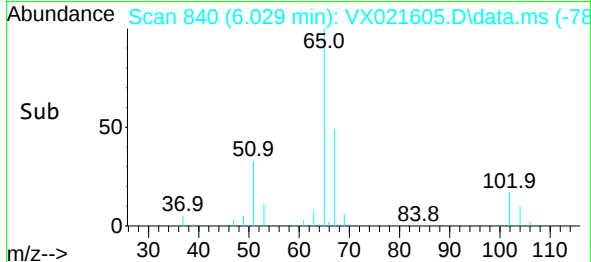
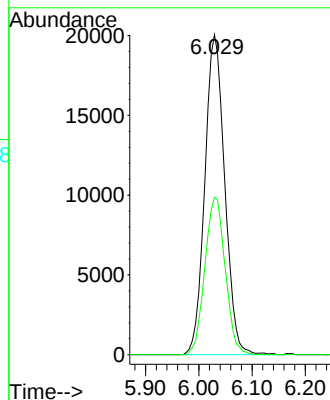
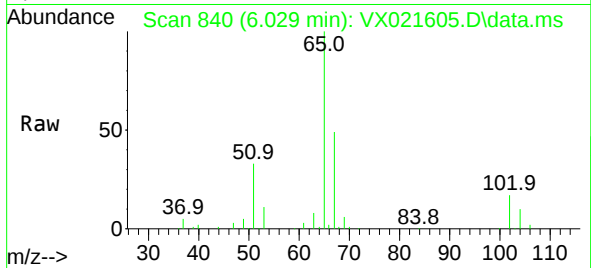




#33
 1,2-Dichloroethane-d4
 Concen: 51.93 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. 0.000 min
 Lab File: VX021605.D
 Acq: 30 Mar 2021 03:01

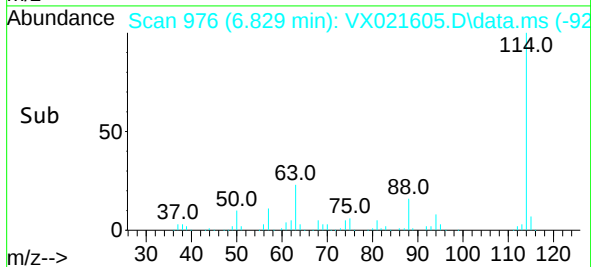
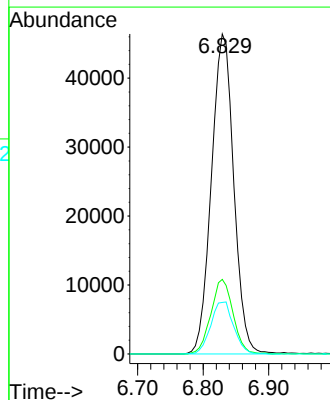
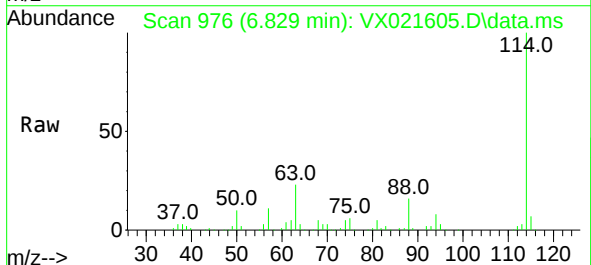
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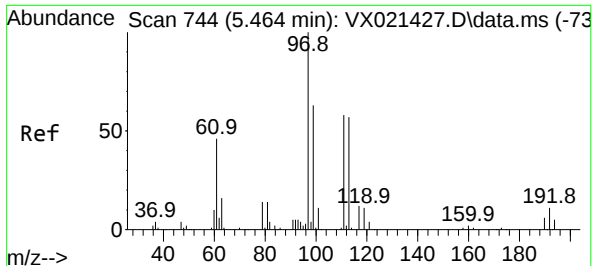
Tgt Ion: 65 Resp: 52075
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VX021605.D
 Acq: 30 Mar 2021 03:01

Tgt Ion: 114 Resp: 109855
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 40.8
 88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.04 ug/l

RT: 5.464 min Scan# 744

Delta R.T. 0.000 min

Lab File: VX021605.D

Acq: 30 Mar 2021 03:01

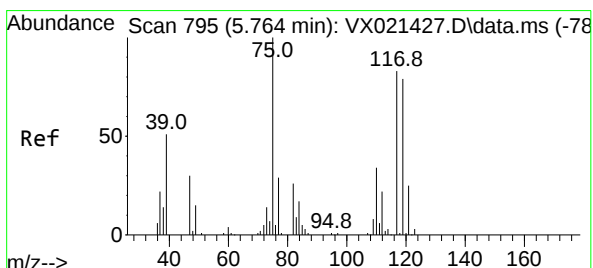
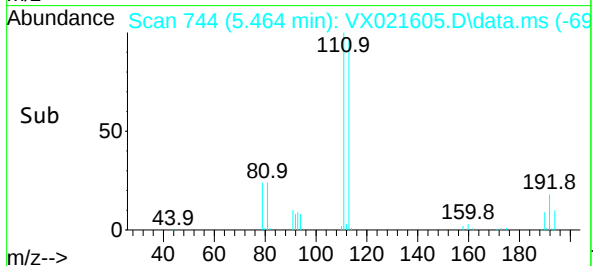
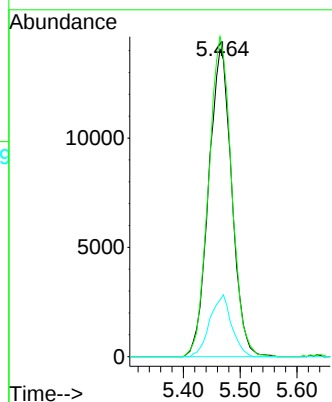
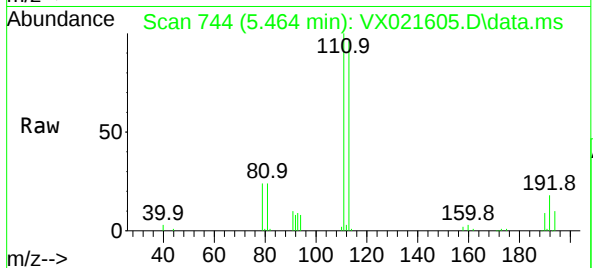
Tgt Ion:113 Resp: 39831

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: 4.99 ug/l

RT: 5.635 min Scan# 773

Delta R.T. -0.129 min

Lab File: VX021605.D

Acq: 30 Mar 2021 03:01

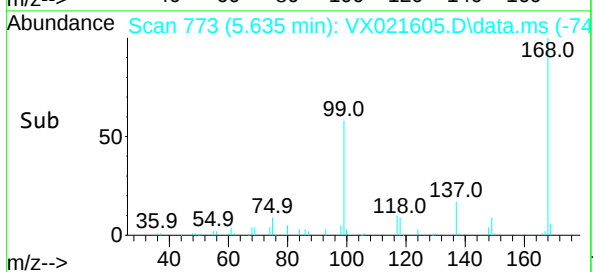
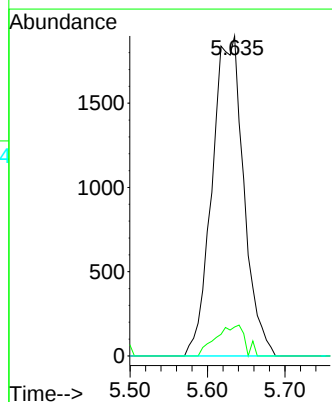
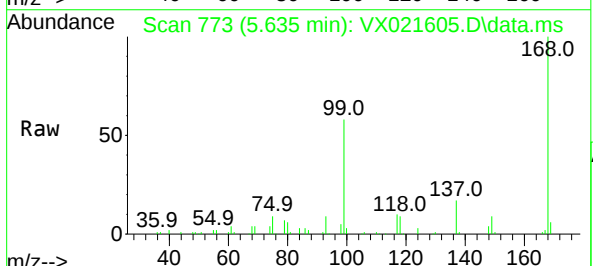
Tgt Ion: 75 Resp: 5368

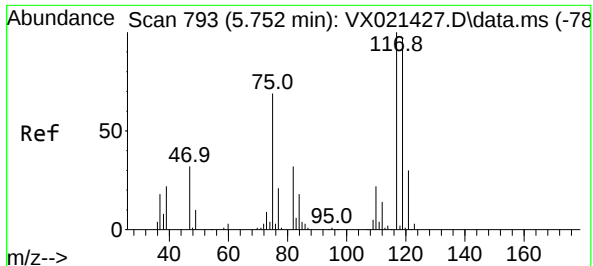
Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.4#

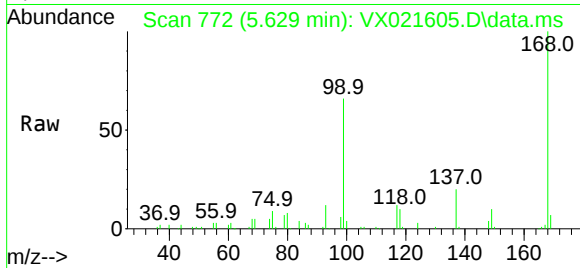
77 0.0 25.3 37.9#



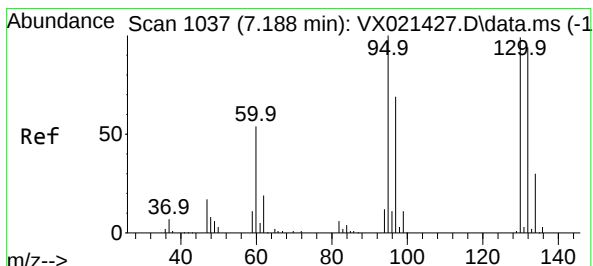
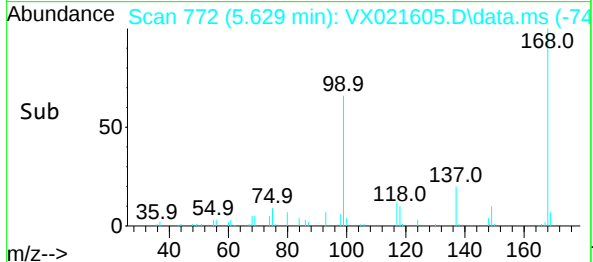
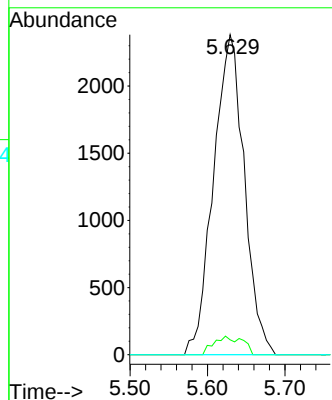


#38
Carbon Tetrachloride
Concen: 5.69 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021605.D
Acq: 30 Mar 2021 03:01

Instrument :
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ClientSampleId :
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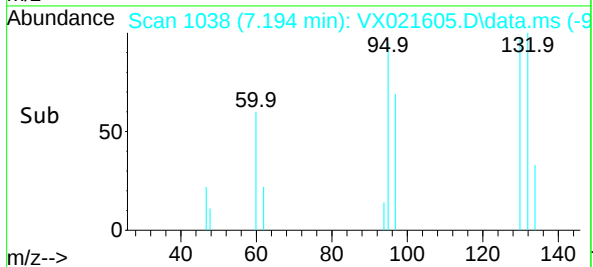
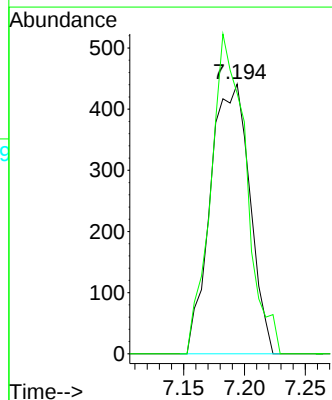
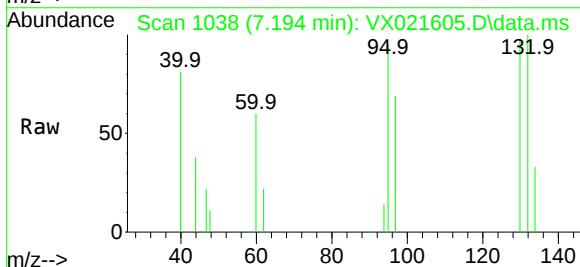


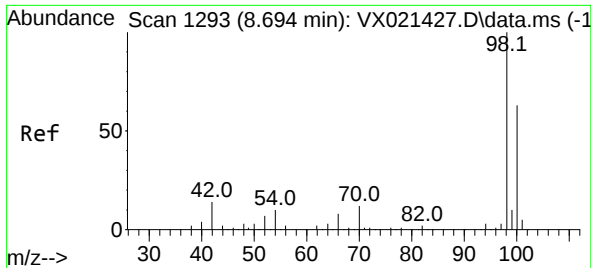
Tgt Ion:117 Resp: 6586
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 1.22 ug/l
RT: 7.194 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VX021605.D
Acq: 30 Mar 2021 03:01

Tgt Ion:130 Resp: 988
Ion Ratio Lower Upper
130 100
95 96.6 0.0 198.0





#50

Toluene-d8

Concen: 49.77 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.000 min

Lab File: VX021605.D

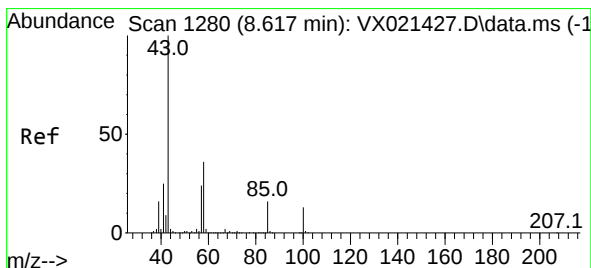
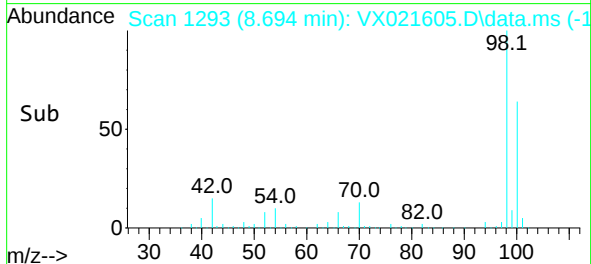
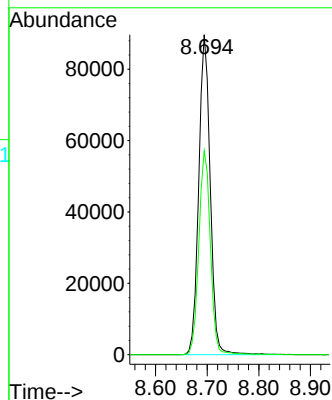
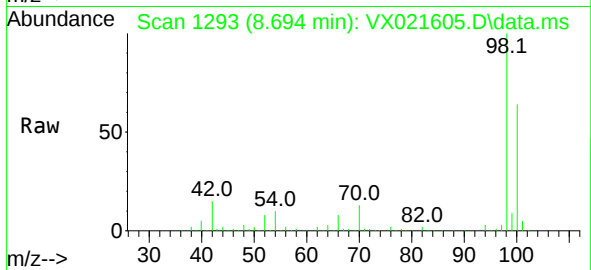
Acq: 30 Mar 2021 03:01

Tgt Ion: 98 Resp: 138406

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.64 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.077 min

Lab File: VX021605.D

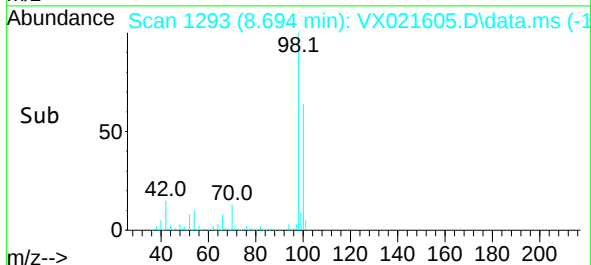
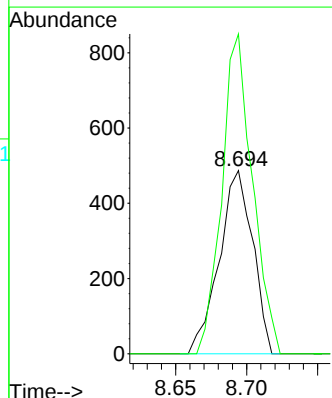
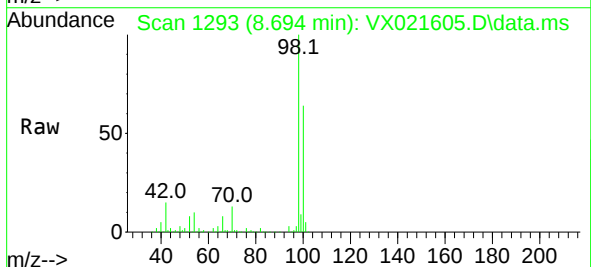
Acq: 30 Mar 2021 03:01

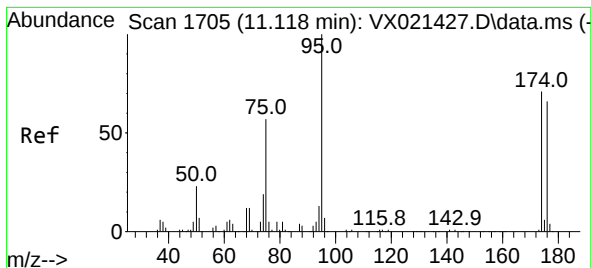
Tgt Ion: 43 Resp: 800

Ion Ratio Lower Upper

43 100

58 159.1 35.4 53.0#

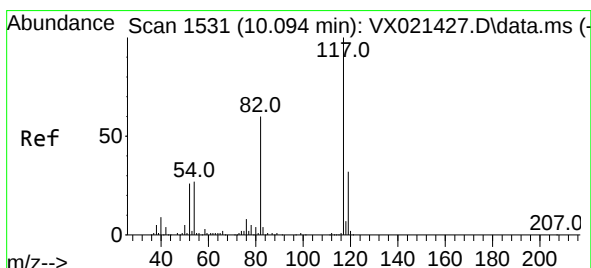
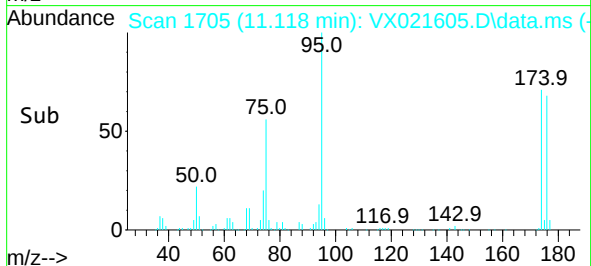
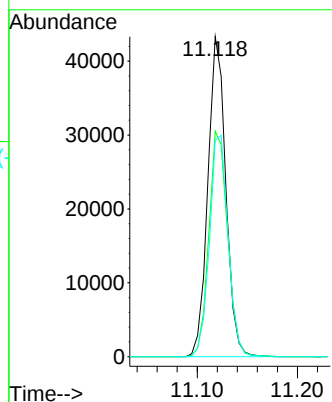
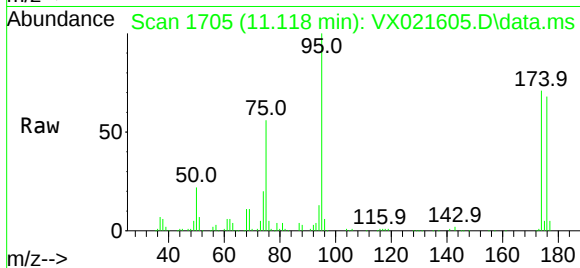




#62
4-Bromofluorobenzene
Concen: 49.93 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021605.D
Acq: 30 Mar 2021 03:01

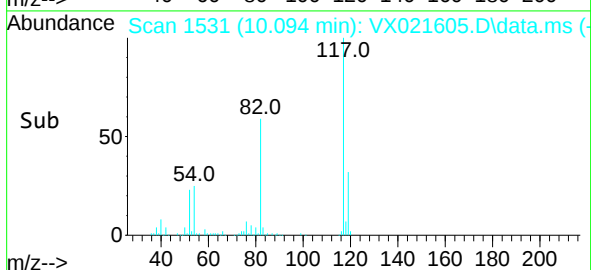
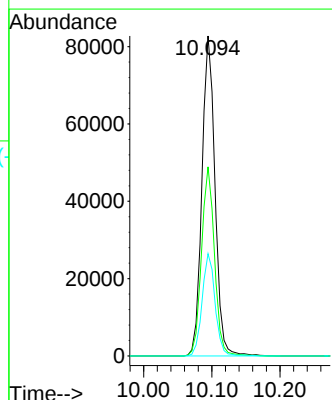
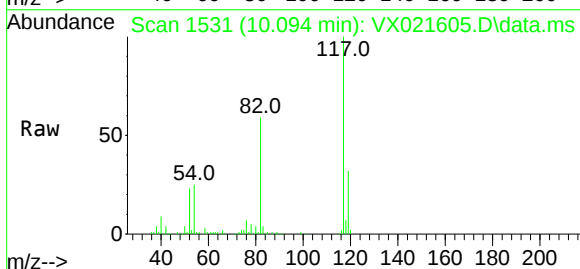
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20210325

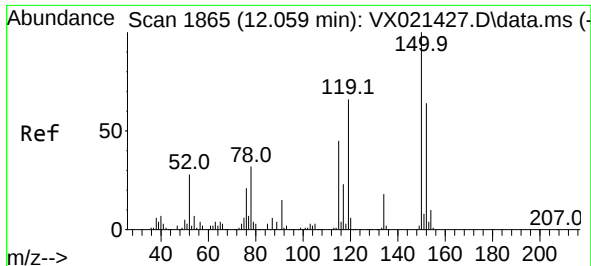
Tgt Ion: 95 Resp: 53975
Ion Ratio Lower Upper
95 100
174 73.7 0.0 154.6
176 71.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021605.D
Acq: 30 Mar 2021 03:01

Tgt Ion: 117 Resp: 110457
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 31.9 26.6 39.8

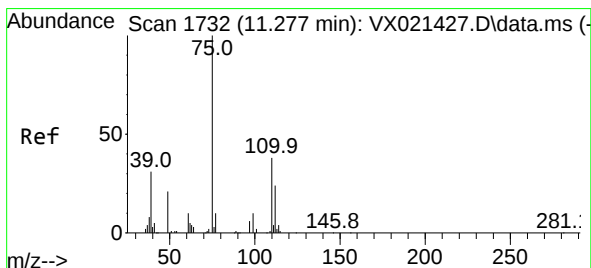
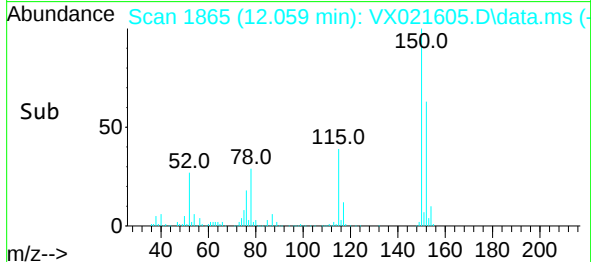
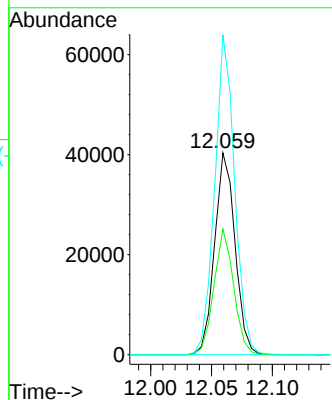
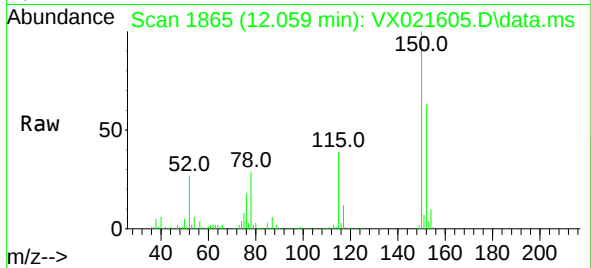




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021605.D
Acq: 30 Mar 2021 03:01

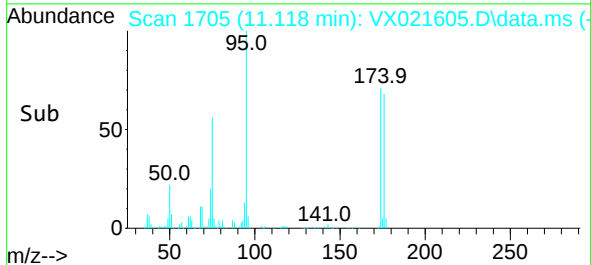
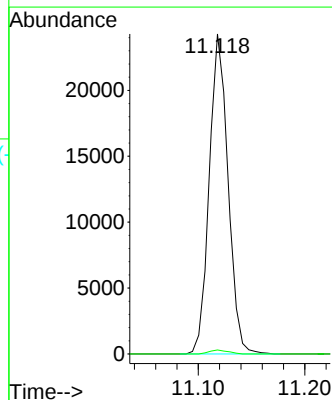
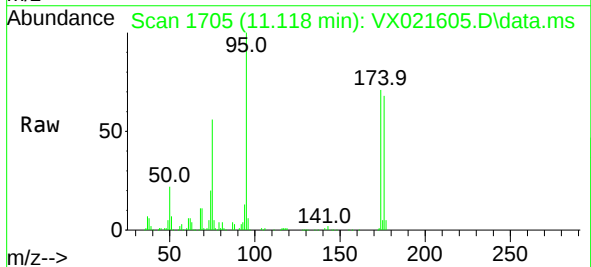
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20210325

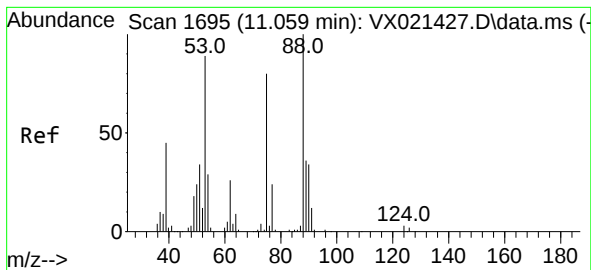
Tgt Ion:152 Resp: 47086
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 154.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.11 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021605.D
Acq: 30 Mar 2021 03:01

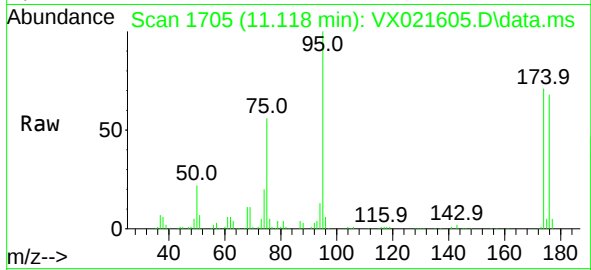
Tgt Ion: 75 Resp: 29716
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.57 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021605.D
 Acq: 30 Mar 2021 03:01

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20210325



Tgt Ion: 75 Resp: 29716
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

