

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021588.D
 Acq On : 29 Mar 2021 19:34
 Operator : JC/MD
 Sample : M1862-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Mar 30 03:32:01 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)

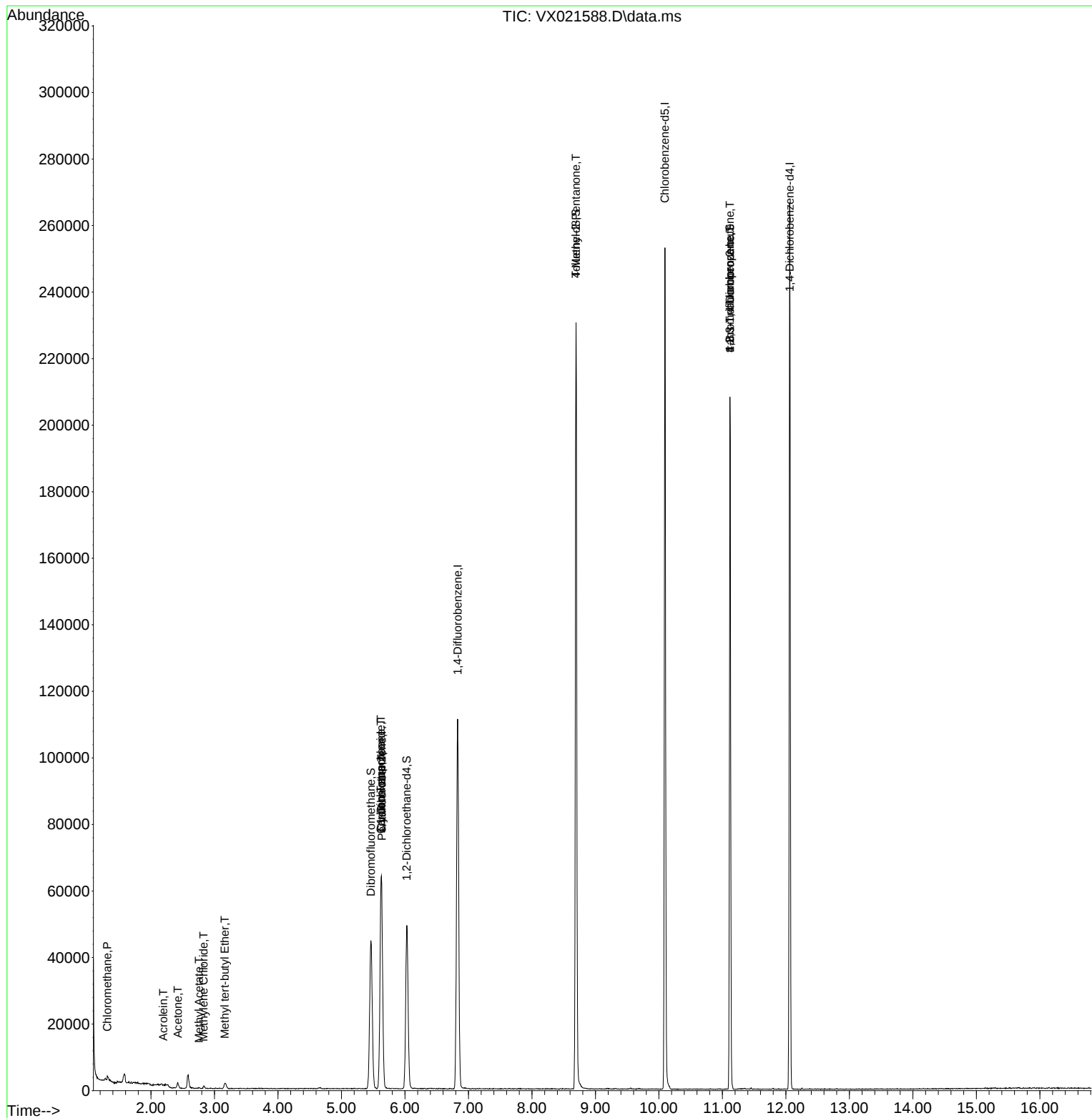
Internal Standards						
1) Pentafluorobenzene	5.635	168	55791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	104044	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	106314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	48863	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	49099	52.89	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.78%
35) Dibromofluoromethane	5.464	113	37155	50.27	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.54%
50) Toluene-d8	8.694	98	131264	49.84	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.68%
62) 4-Bromofluorobenzene	11.118	95	54341	53.07	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.14%
Target Compounds						Qvalue
3) Chloromethane	1.311	50	1234	1.79	ug/l #	82
13) Acrolein	2.193	56	19	4.54	ug/l #	14
16) Acetone	2.423	43	1701	4.85	ug/l #	86
18) Methyl Acetate	2.758	43	315	0.31	ug/l #	47
19) Methyl tert-butyl Ether	3.164	73	1785	0.85	ug/l #	84
20) Methylene Chloride	2.829	84	300	0.44	ug/l #	81
31) Cyclohexane	5.629	56	1616	1.58	ug/l #	28
36) 1,1-Dichloropropene	5.623	75	5207	5.11	ug/l #	49
38) Carbon Tetrachloride	5.623	117	6297	5.75	ug/l #	18
51) 4-Methyl-2-Pentanone	8.694	43	762	0.65	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	30273	26.61	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	30273	81.06	ug/l #	12

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

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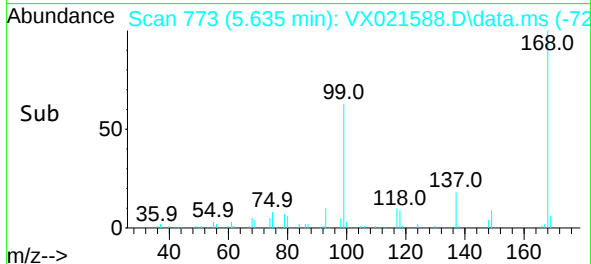
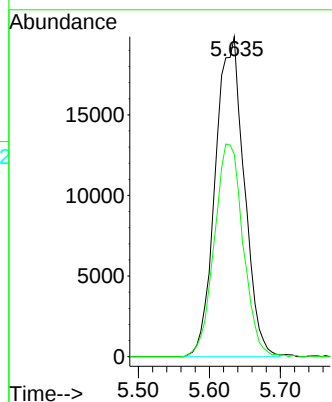
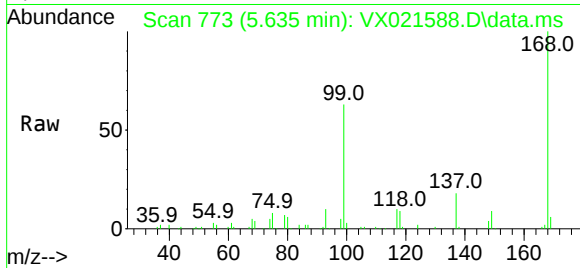




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021588.D
Acq: 29 Mar 2021 19:34

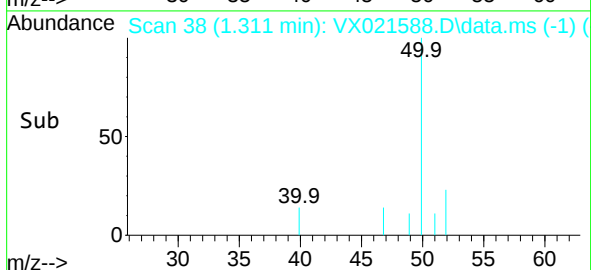
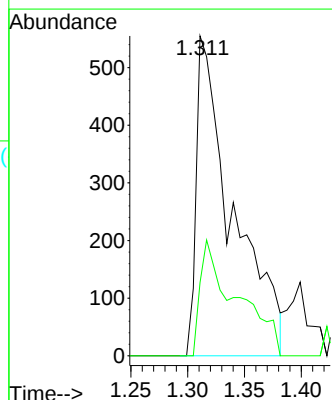
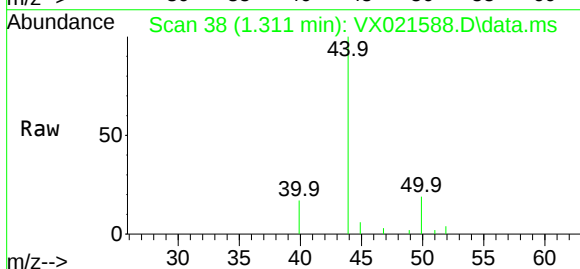
Instrument :
MSVOA_X
ClientSampleId :
MW-4

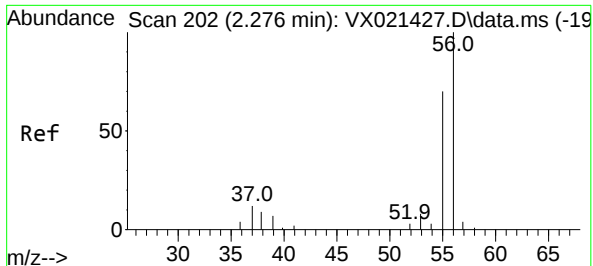
Tgt Ion:168 Resp: 55791
Ion Ratio Lower Upper
168 100
99 63.3 45.8 68.6



#3
Chloromethane
Concen: 1.79 ug/l
RT: 1.311 min Scan# 38
Delta R.T. -0.000 min
Lab File: VX021588.D
Acq: 29 Mar 2021 19:34

Tgt Ion: 50 Resp: 1234
Ion Ratio Lower Upper
50 100
52 22.9 26.4 39.6#

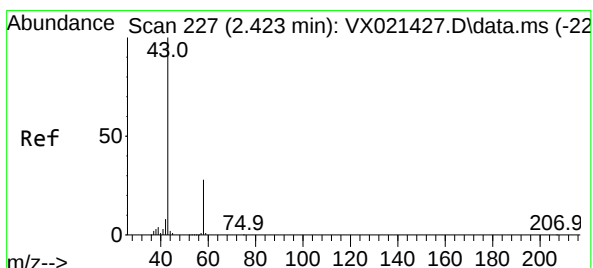
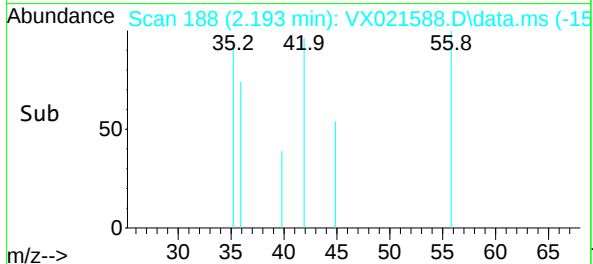
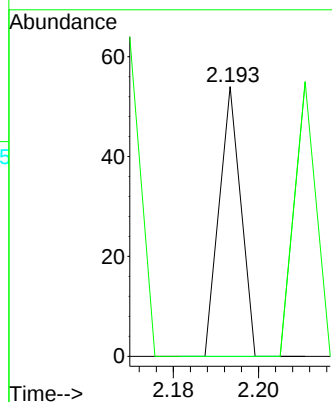
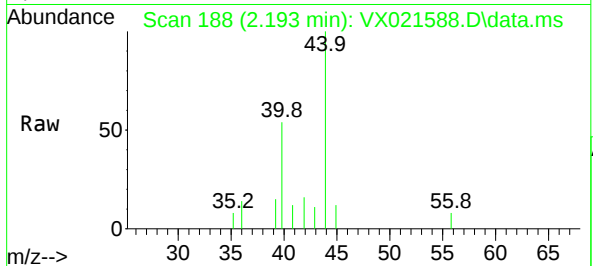




#13
Acrolein
Concen: 4.54 ug/l
RT: 2.193 min Scan# 188
Delta R.T. -0.083 min
Lab File: VX021588.D
Acq: 29 Mar 2021 19:34

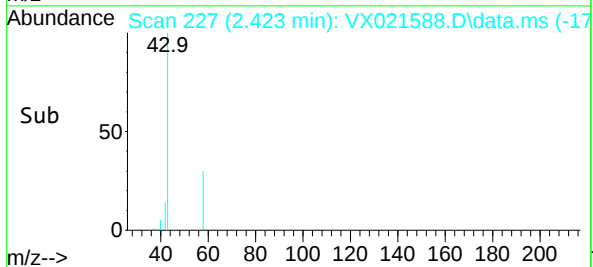
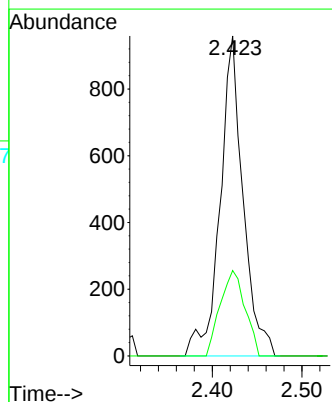
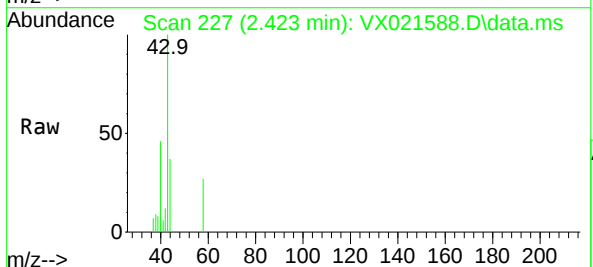
Instrument :
MSVOA_X
ClientSampled :
MW-4

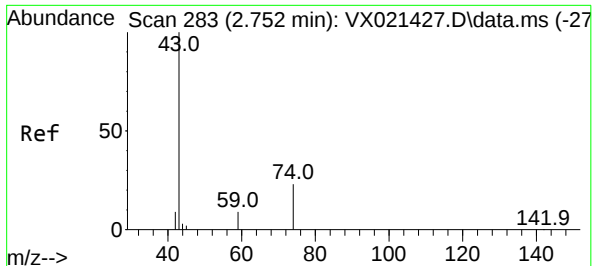
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 4.85 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021588.D
Acq: 29 Mar 2021 19:34

Tgt Ion: 43 Resp: 1701
Ion Ratio Lower Upper
43 100
58 26.7 27.8 41.8#





#18

Methyl Acetate

Concen: 0.31 ug/l

RT: 2.758 min Scan# 284

Delta R.T. 0.006 min

Lab File: VX021588.D

Acq: 29 Mar 2021 19:34

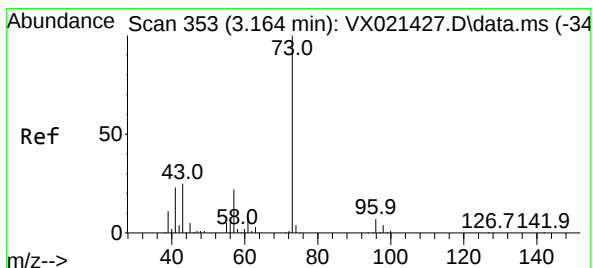
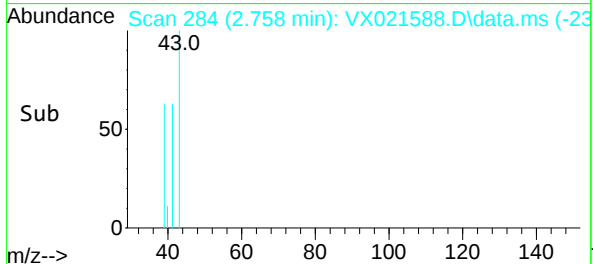
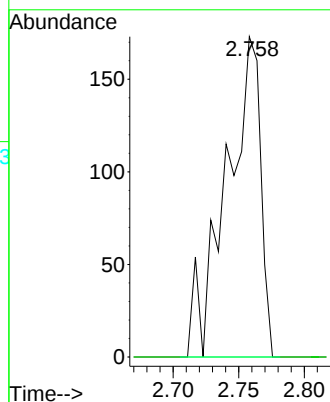
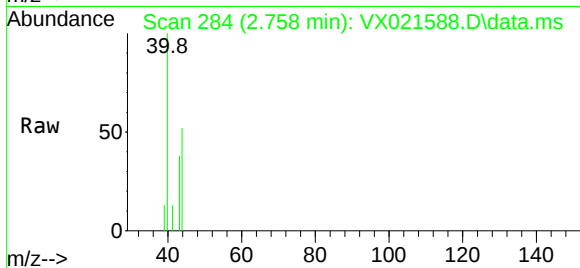
Instrument :

MSVOA_X

ClientSampled :

MW-4

Tgt Ion: 43 Resp: 315
 Ion Ratio Lower Upper
 43 100
 74 0.0 21.9 32.9#



#19

Methyl tert-butyl Ether

Concen: 0.85 ug/l

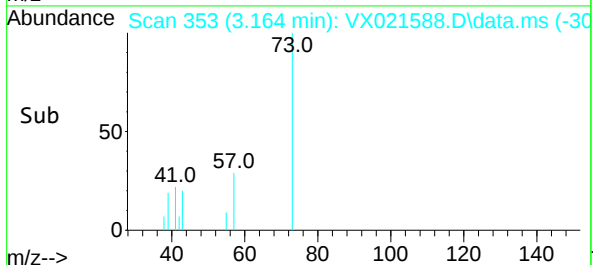
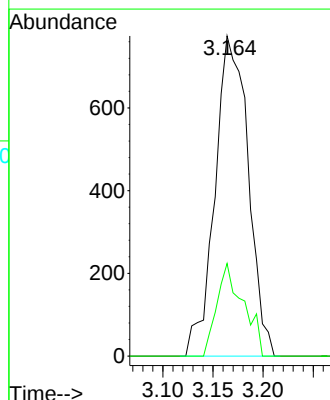
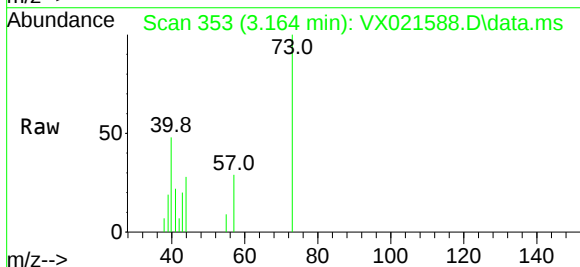
RT: 3.164 min Scan# 353

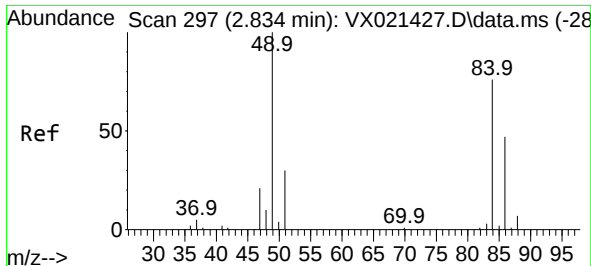
Delta R.T. 0.000 min

Lab File: VX021588.D

Acq: 29 Mar 2021 19:34

Tgt Ion: 73 Resp: 1785
 Ion Ratio Lower Upper
 73 100
 57 28.9 17.1 25.7#





#20

Methylene Chloride

Concen: 0.44 ug/l

RT: 2.829 min Scan# 296

Delta R.T. -0.005 min

Lab File: VX021588.D

Acq: 29 Mar 2021 19:34

Instrument :

MSVOA_X

ClientSampled :

MW-4

Tgt Ion: 84 Resp: 300

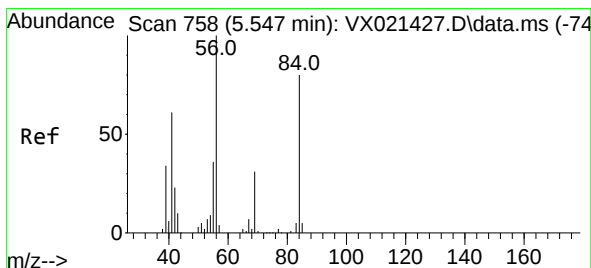
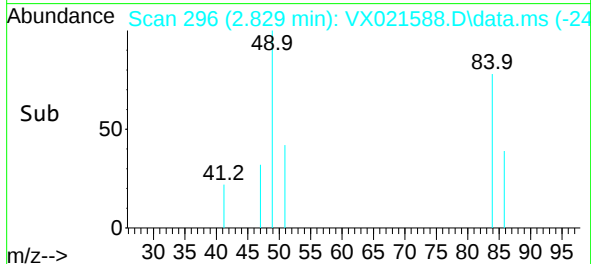
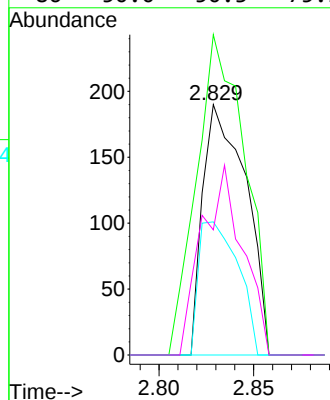
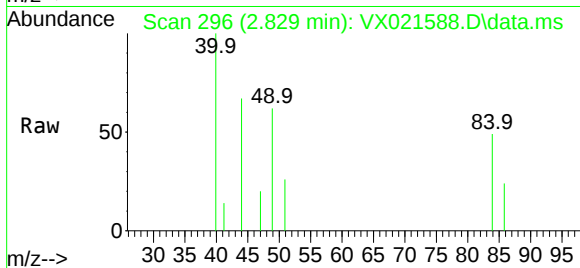
Ion Ratio Lower Upper

84 100

49 127.9 88.6 132.8

51 53.2 27.0 40.6#

86 50.0 50.3 75.5#



#31

Cyclohexane

Concen: 1.58 ug/l

RT: 5.629 min Scan# 772

Delta R.T. 0.082 min

Lab File: VX021588.D

Acq: 29 Mar 2021 19:34

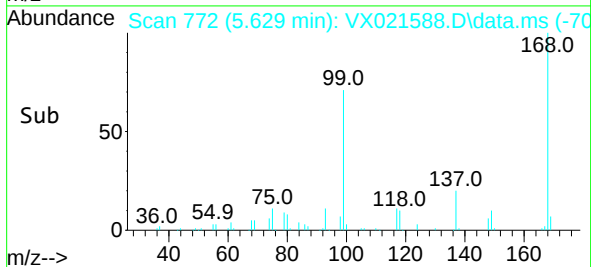
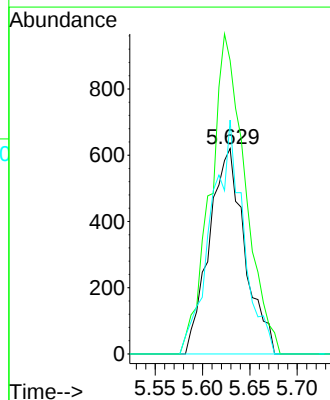
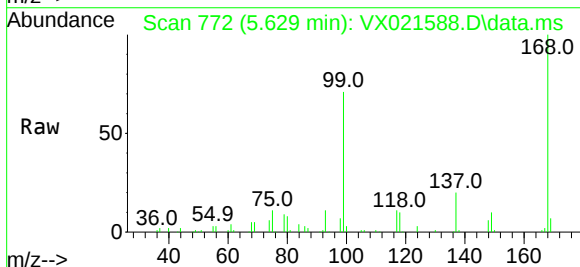
Tgt Ion: 56 Resp: 1616

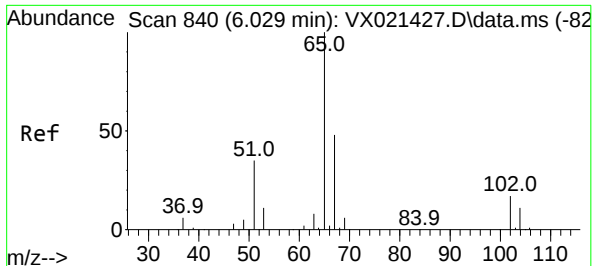
Ion Ratio Lower Upper

56 100

69 142.9 25.3 37.9#

84 113.9 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.89 ug/l

RT: 6.029 min Scan# 840

Delta R.T. 0.000 min

Lab File: VX021588.D

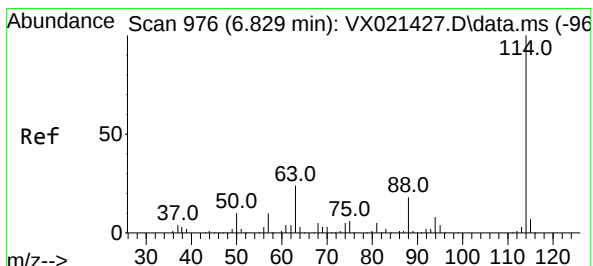
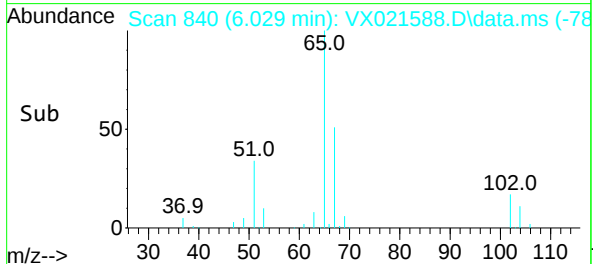
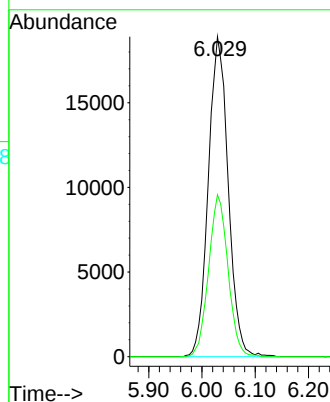
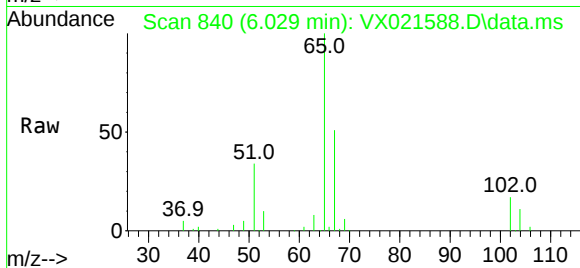
Acq: 29 Mar 2021 19:34

Tgt Ion: 65 Resp: 49099

Ion Ratio Lower Upper

65 100

67 49.3 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: VX021588.D

Acq: 29 Mar 2021 19:34

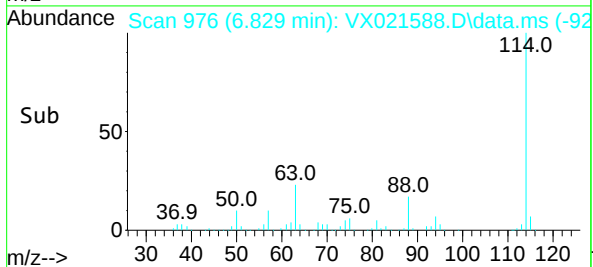
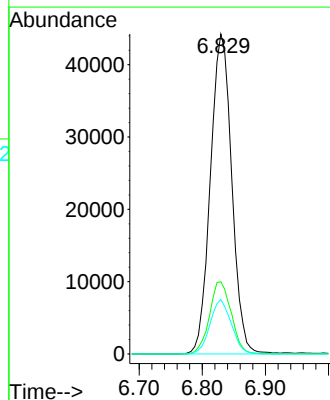
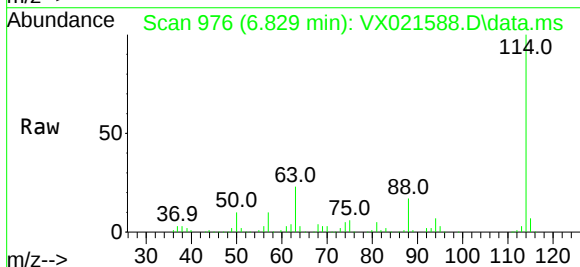
Tgt Ion: 114 Resp: 104044

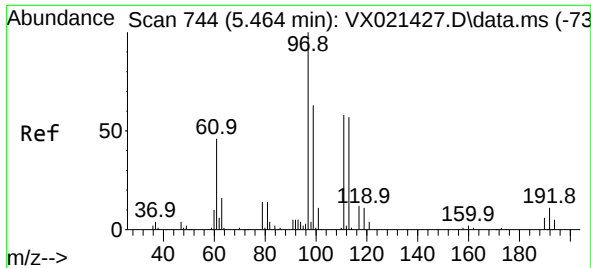
Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.8

88 17.0 0.0 32.8

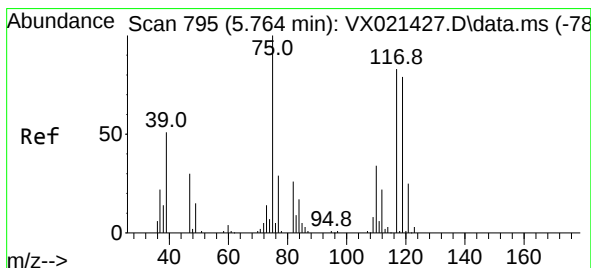
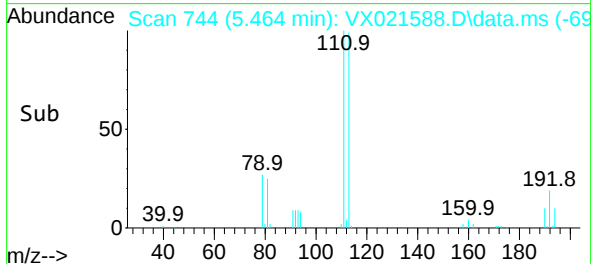
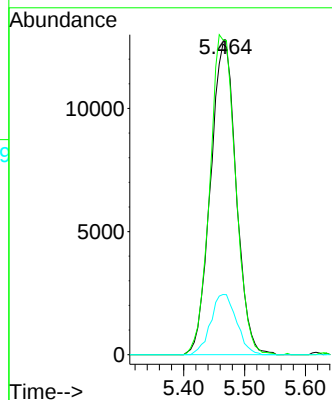
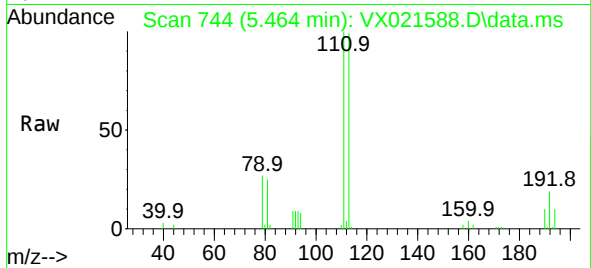




#35
Dibromofluoromethane
Concen: 50.27 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021588.D
Acq: 29 Mar 2021 19:34

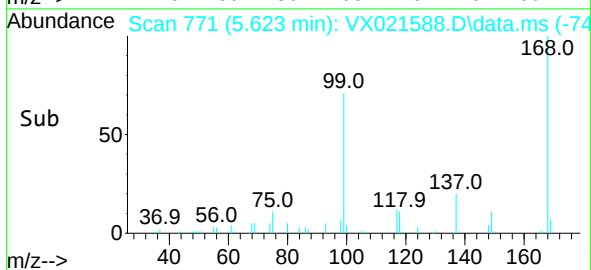
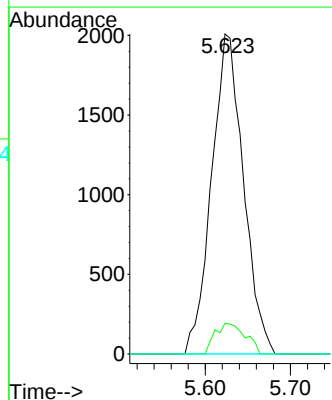
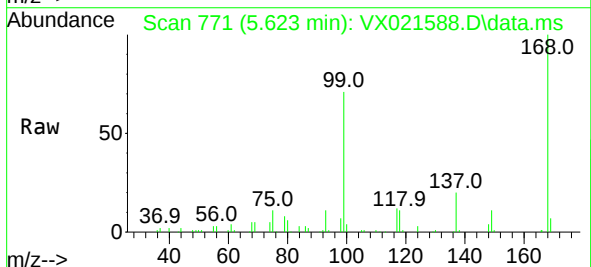
Instrument :
MSVOA_X
ClientSampled :
MW-4

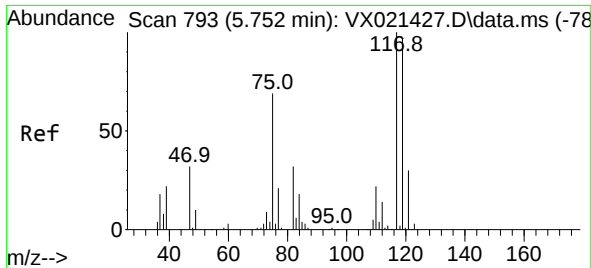
Tgt Ion:113 Resp: 37155
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.11 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.141 min
Lab File: VX021588.D
Acq: 29 Mar 2021 19:34

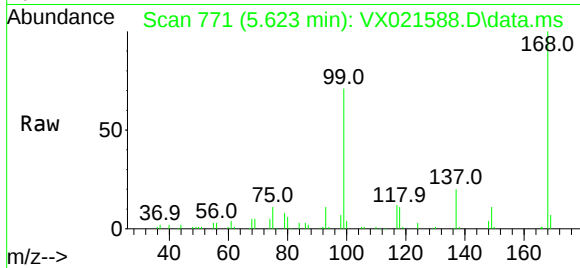
Tgt Ion: 75 Resp: 5207
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#



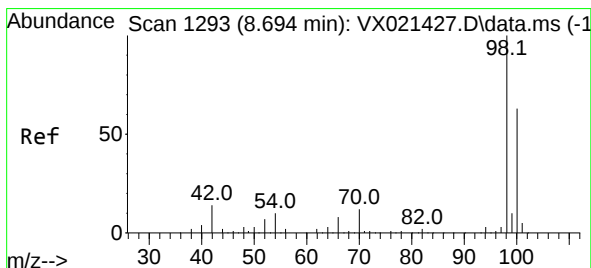
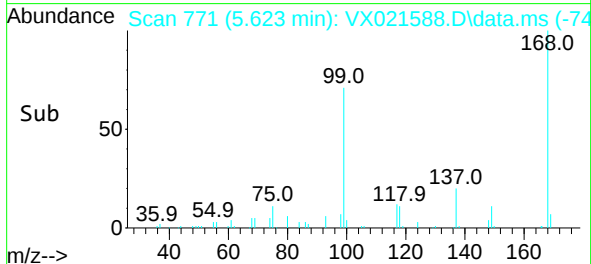
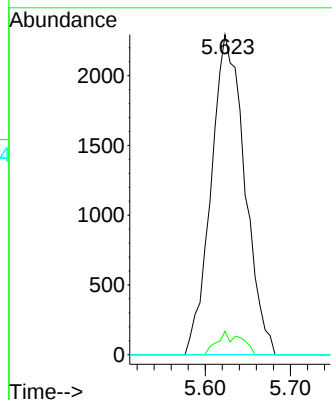


#38
Carbon Tetrachloride
Concen: 5.75 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021588.D
Acq: 29 Mar 2021 19:34

Instrument :
MSVOA_X
ClientSampled :
MW-4

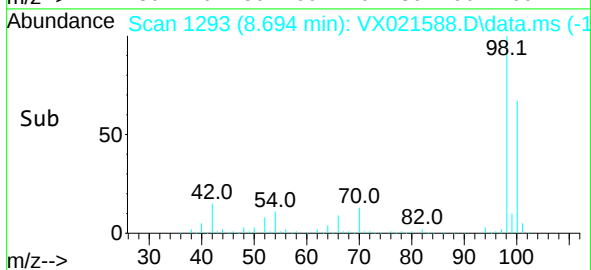
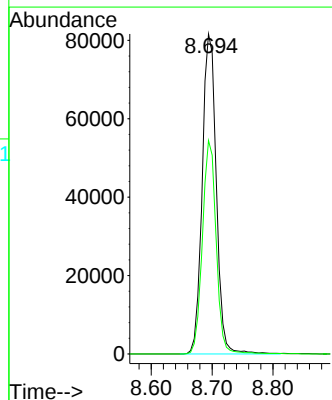
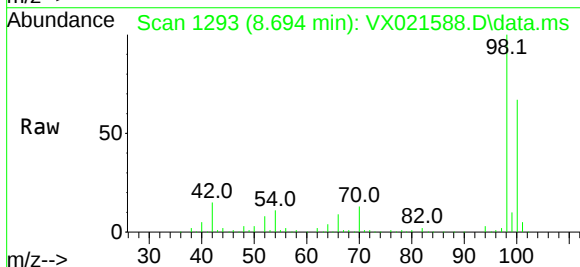


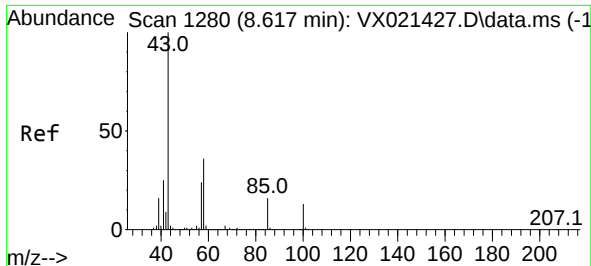
Tgt Ion:117 Resp: 6297
Ion Ratio Lower Upper
117 100
119 7.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.84 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021588.D
Acq: 29 Mar 2021 19:34

Tgt Ion: 98 Resp: 131264
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

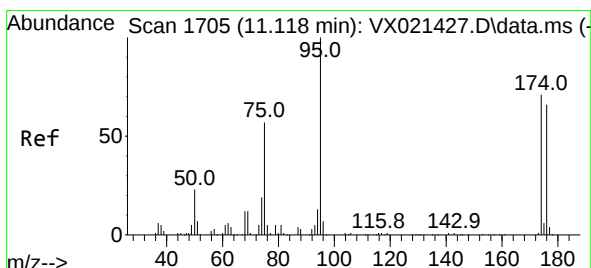
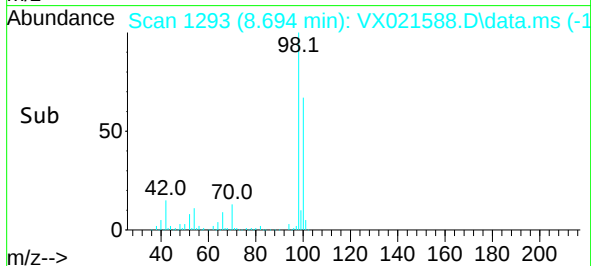
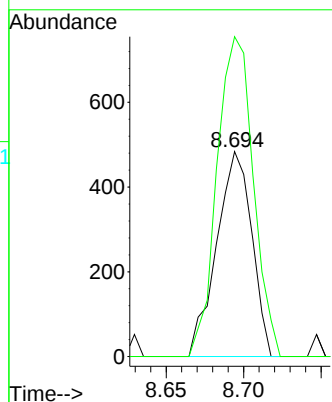
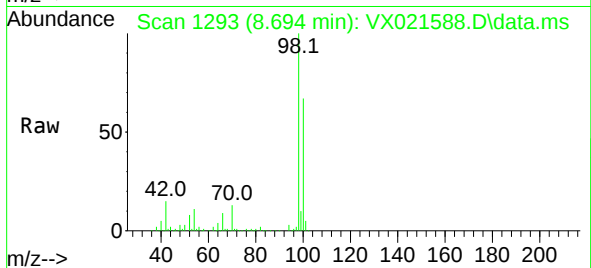




#51
4-Methyl-2-Pentanone
Concen: 0.65 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021588.D
Acq: 29 Mar 2021 19:34

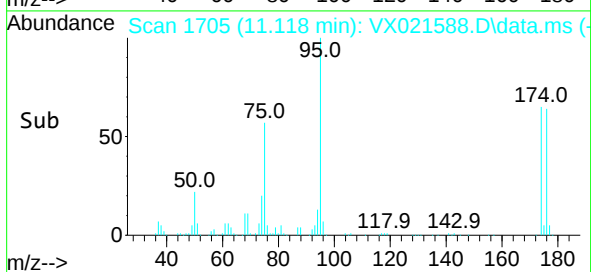
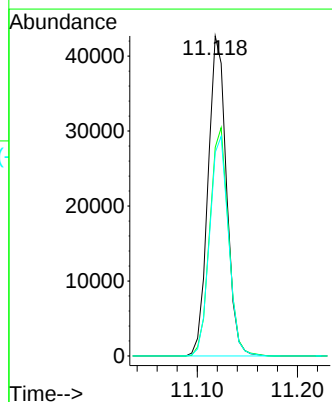
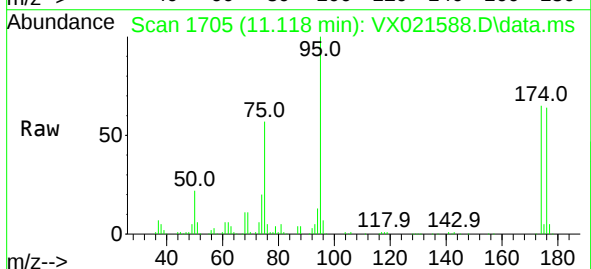
Instrument :
MSVOA_X
ClientSampled :
MW-4

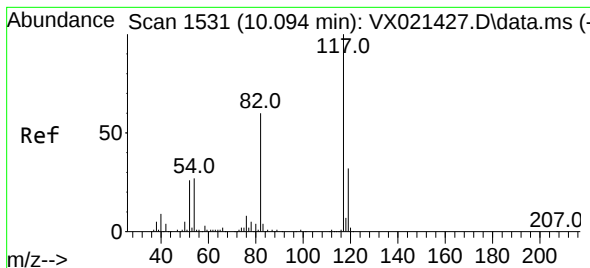
Tgt Ion: 43 Resp: 762
Ion Ratio Lower Upper
43 100
58 161.5 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 53.07 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021588.D
Acq: 29 Mar 2021 19:34

Tgt Ion: 95 Resp: 54341
Ion Ratio Lower Upper
95 100
174 72.4 0.0 154.6
176 70.2 0.0 155.8

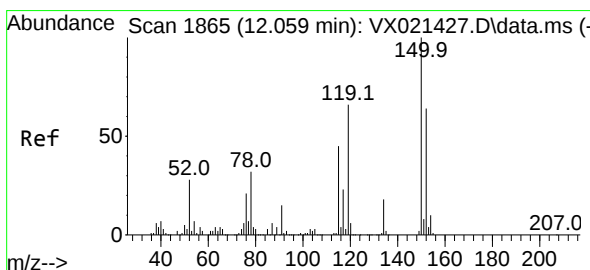
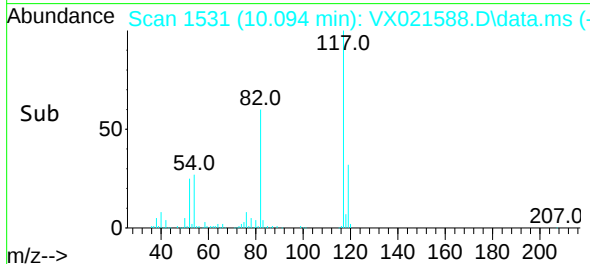
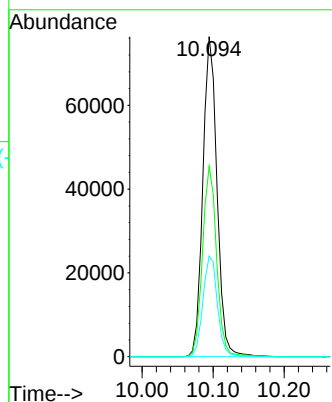
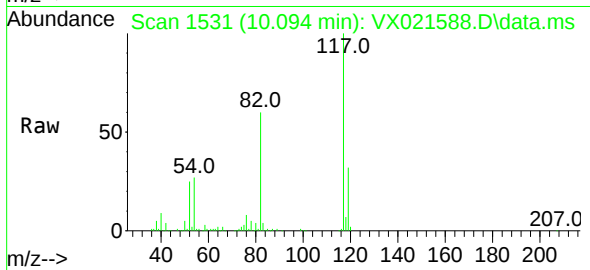




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021588.D
Acq: 29 Mar 2021 19:34

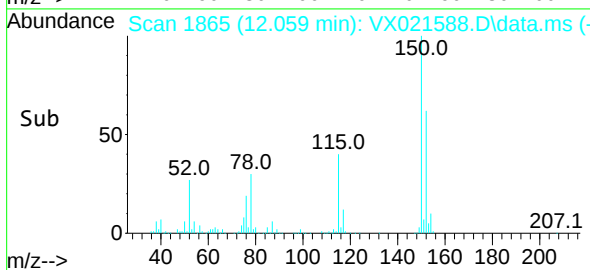
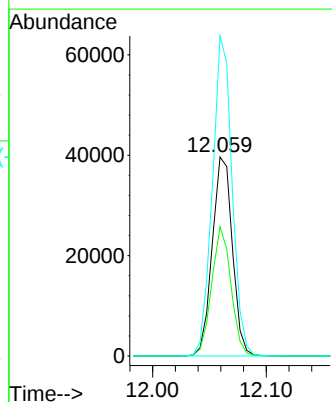
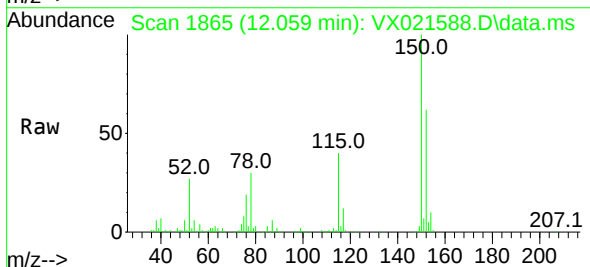
Instrument :
MSVOA_X
ClientSampled :
MW-4

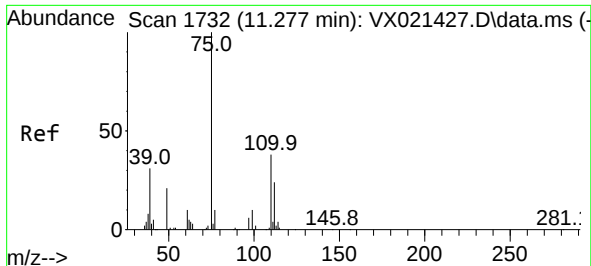
Tgt Ion:117 Resp: 106314
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021588.D
Acq: 29 Mar 2021 19:34

Tgt Ion:152 Resp: 48863
Ion Ratio Lower Upper
152 100
115 62.3 41.1 123.3
150 157.2 0.0 349.0

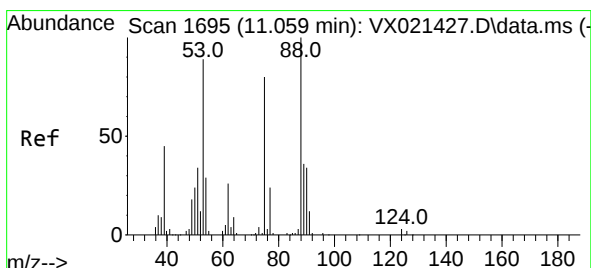
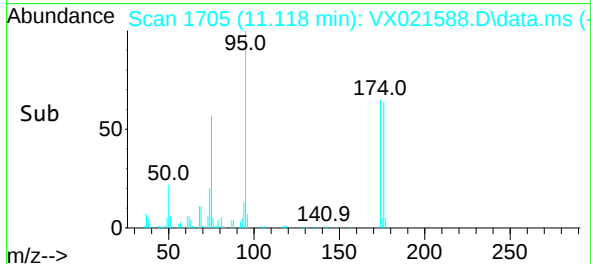
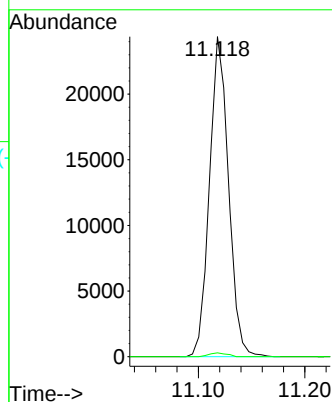
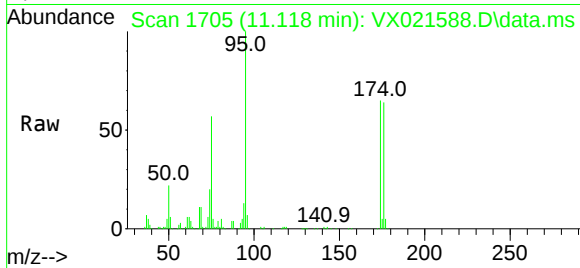




#76
1,2,3-Trichloropropane
Concen: 26.61 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021588.D
Acq: 29 Mar 2021 19:34

Instrument :
MSVOA_X
ClientSampled :
MW-4

Tgt Ion: 75 Resp: 30273
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.06 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021588.D
Acq: 29 Mar 2021 19:34

Tgt Ion: 75 Resp: 30273
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

