

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021207.D
 Acq On : 15 Mar 2021 18:07
 Operator : JC/MD
 Sample : M1677-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-3-12-2021

Quant Time: Mar 16 03:04:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

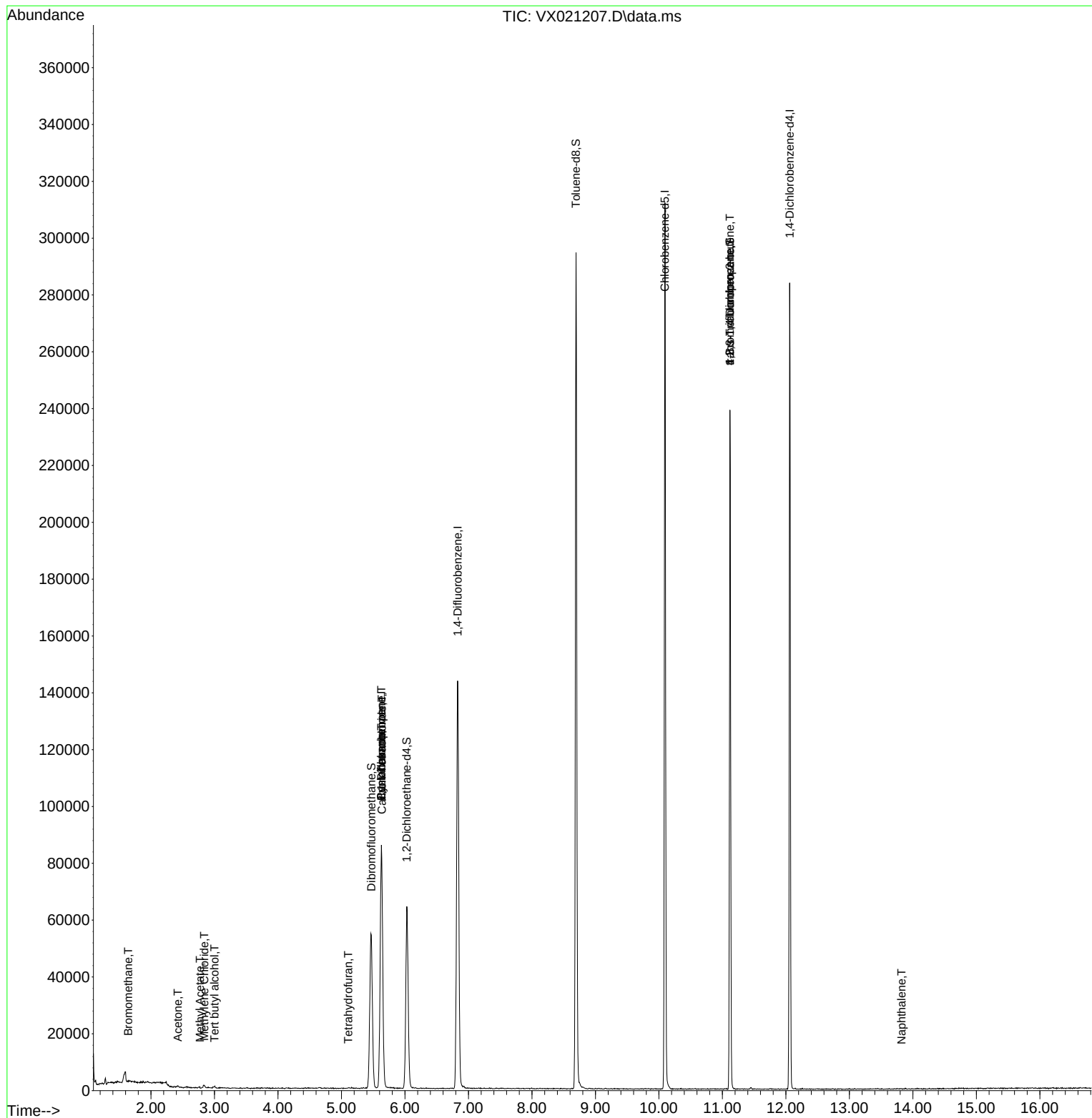
Internal Standards						
1) Pentafluorobenzene	5.629	168	71971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	133764	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	124098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	51404	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	61484	50.10	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.20%			
35) Dibromofluoromethane	5.470	113	44943	48.83	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.66%			
50) Toluene-d8	8.694	98	165335	50.01	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.02%			
62) 4-Bromofluorobenzene	11.118	95	61088	48.49	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.98%			
Target Compounds					Qvalue	
5) Bromomethane	1.640	94	142	0.27	ug/l #	75
11) Tert butyl alcohol	2.999	59	291	1.36	ug/l #	73
16) Acetone	2.423	43	424	0.86	ug/l	93
18) Methyl Acetate	2.770	43	342	0.29	ug/l #	47
20) Methylene Chloride	2.840	84	363	0.39	ug/l #	87
29) Tetrahydrofuran	5.105	42	94	0.21	ug/l #	27
31) Cyclohexane	5.629	56	2122	1.37	ug/l #	35
36) 1,1-Dichloropropene	5.629	75	6950	4.96	ug/l #	49
38) Carbon Tetrachloride	5.635	117	8358	5.43	ug/l #	17
76) 1,2,3-Trichloropropane	11.118	75	35931	28.19	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	35931	80.01	ug/l #	12
95) Naphthalene	13.818	128	74	1.48	ug/l #	69

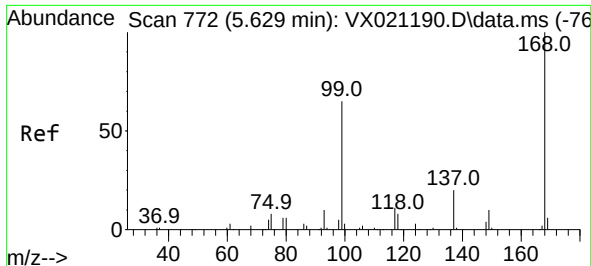
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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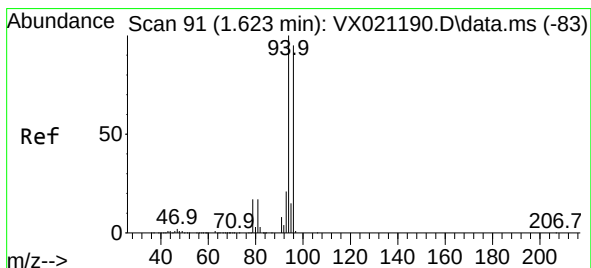
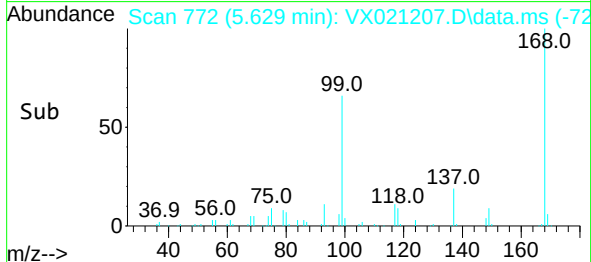
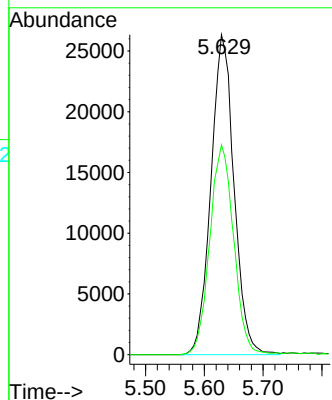
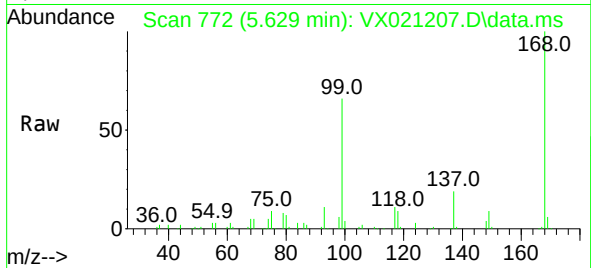




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021207.D
Acq: 15 Mar 2021 18:07

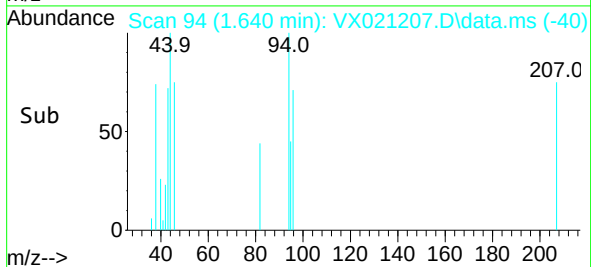
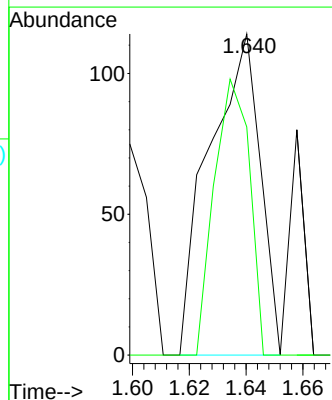
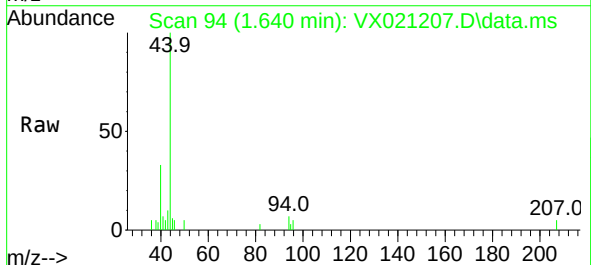
Instrument :
MSVOA_X
ClientSampleId :
TB-3-12-2021

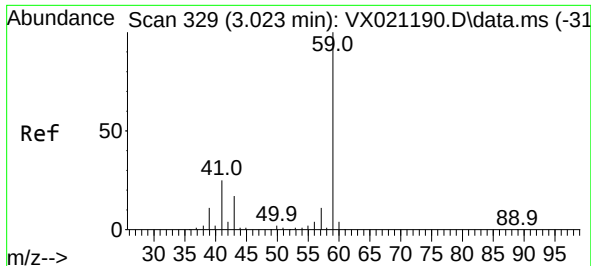
Tgt Ion:168 Resp: 71971
Ion Ratio Lower Upper
168 100
99 65.6 45.8 68.6



#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021207.D
Acq: 15 Mar 2021 18:07

Tgt Ion: 94 Resp: 142
Ion Ratio Lower Upper
94 100
96 71.1 76.4 114.6#

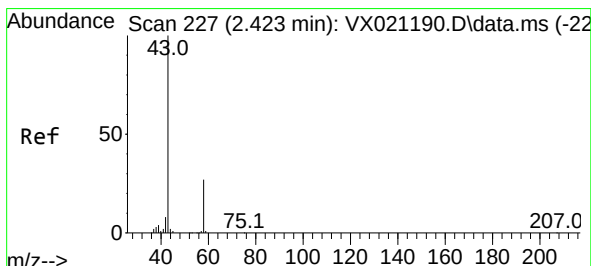
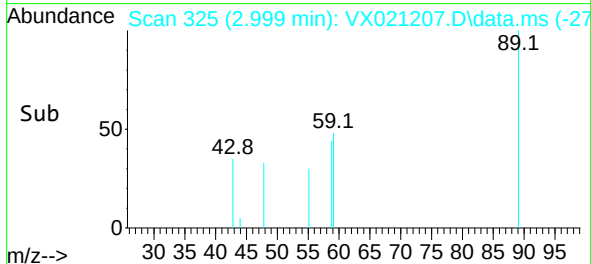
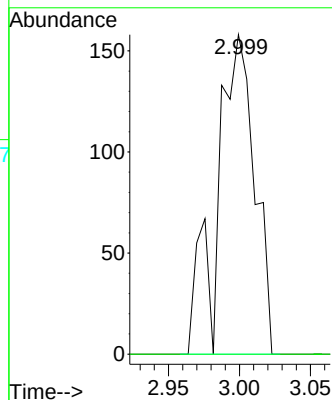
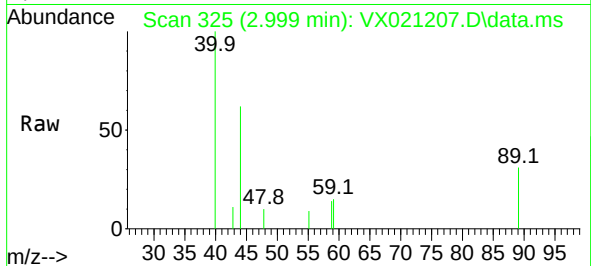




#11
Tert butyl alcohol
Concen: 1.36 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021207.D
Acq: 15 Mar 2021 18:07

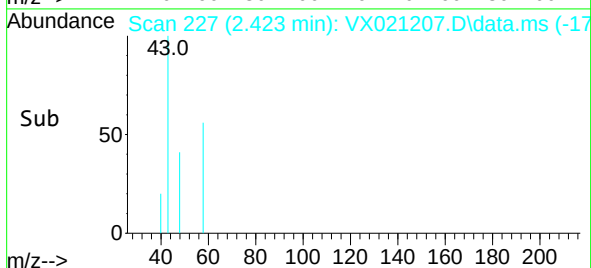
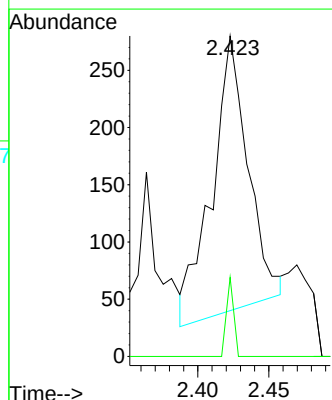
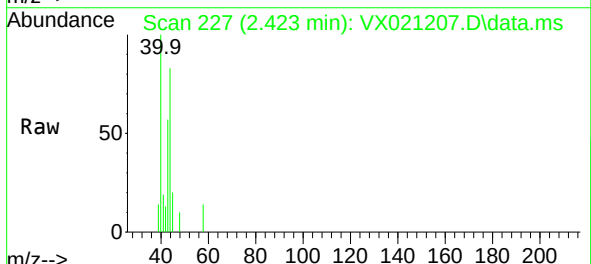
Instrument :
MSVOA_X
ClientSampled :
TB-3-12-2021

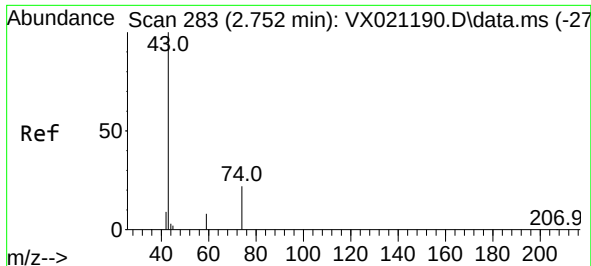
Tgt Ion: 59 Resp: 291
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 0.86 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021207.D
Acq: 15 Mar 2021 18:07

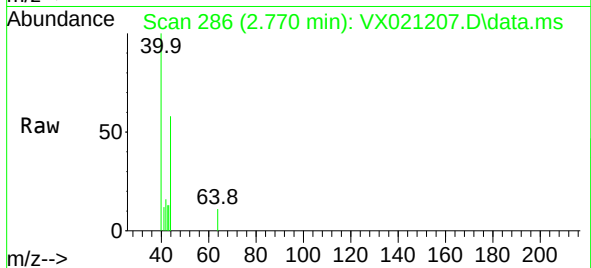
Tgt Ion: 43 Resp: 424
Ion Ratio Lower Upper
43 100
58 30.5 27.8 41.8



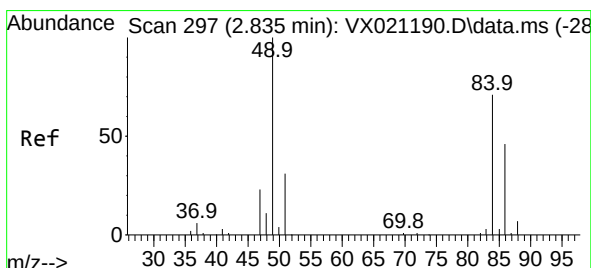
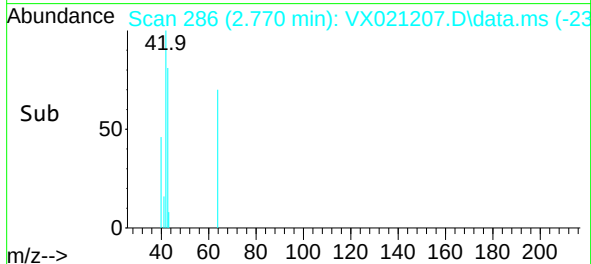
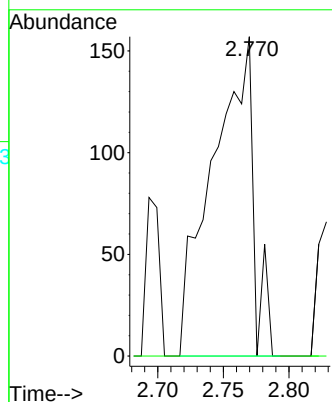


#18
Methyl Acetate
Concen: 0.29 ug/l
RT: 2.770 min Scan# 286
Delta R.T. 0.018 min
Lab File: VX021207.D
Acq: 15 Mar 2021 18:07

Instrument :
MSVOA_X
ClientSampled :
TB-3-12-2021

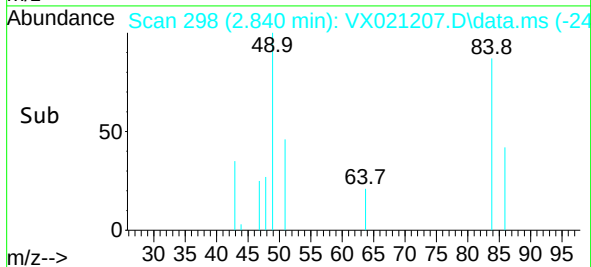
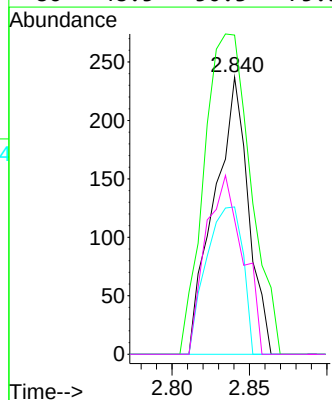
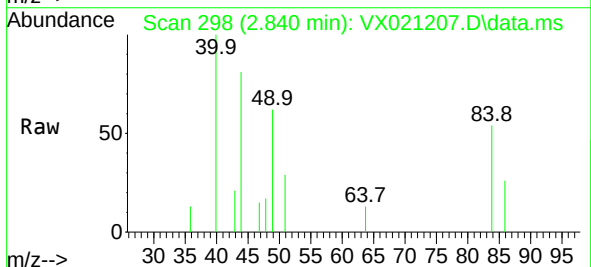


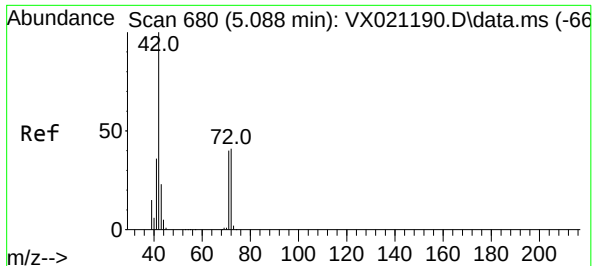
Tgt Ion: 43 Resp: 342
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.39 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021207.D
Acq: 15 Mar 2021 18:07

Tgt Ion: 84 Resp: 363
Ion Ratio Lower Upper
84 100
49 115.2 88.6 132.8
51 53.2 27.0 40.6#
86 48.5 50.3 75.5#





#29

Tetrahydrofuran

Concen: 0.21 ug/l

RT: 5.105 min Scan# 683

Delta R.T. 0.018 min

Lab File: VX021207.D

Acq: 15 Mar 2021 18:07

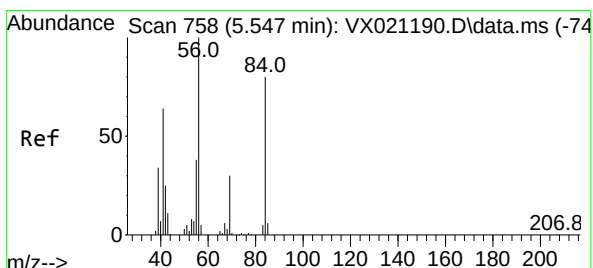
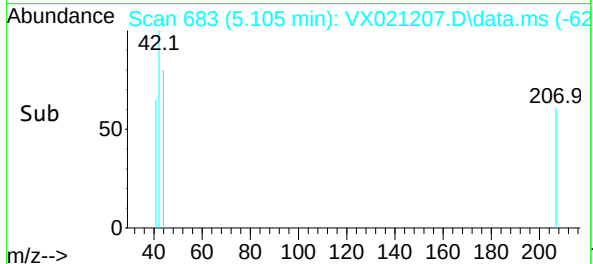
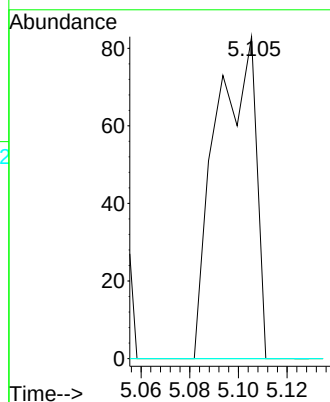
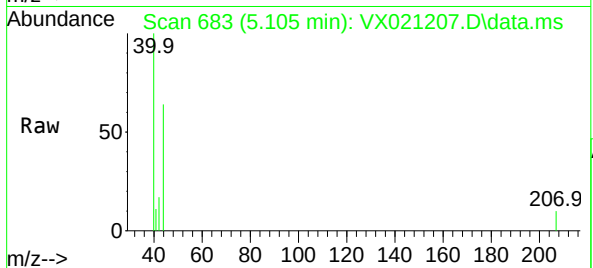
Instrument :

MSVOA_X

ClientSampleId :

TB-3-12-2021

Tgt Ion:	42	Resp:	94
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



#31

Cyclohexane

Concen: 1.37 ug/l

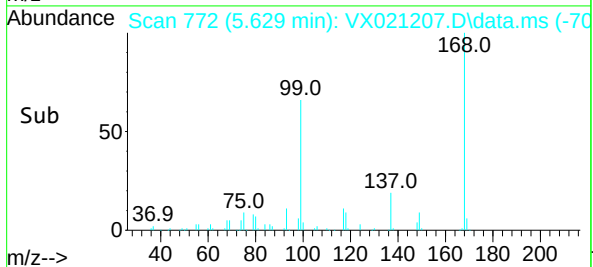
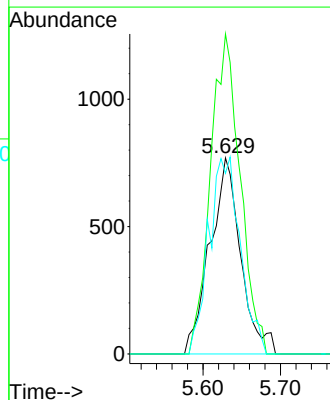
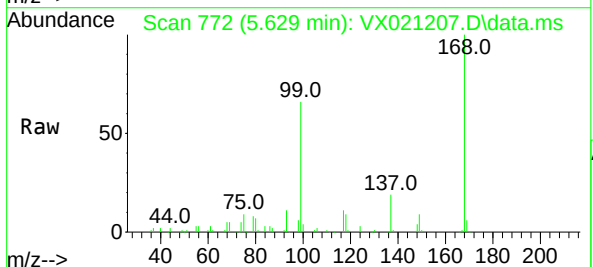
RT: 5.629 min Scan# 772

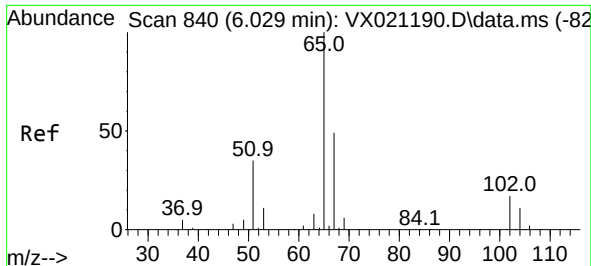
Delta R.T. 0.082 min

Lab File: VX021207.D

Acq: 15 Mar 2021 18:07

Tgt Ion:	56	Resp:	2122
Ion	Ratio	Lower	Upper
56	100		
69	163.3	25.3	37.9#
84	92.2	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 50.10 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021207.D

Acq: 15 Mar 2021 18:07

Tgt Ion: 65 Resp: 61484

Ion Ratio Lower Upper

65 100

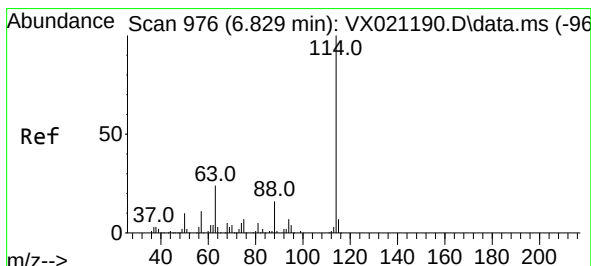
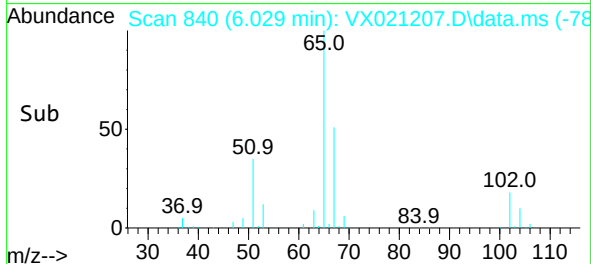
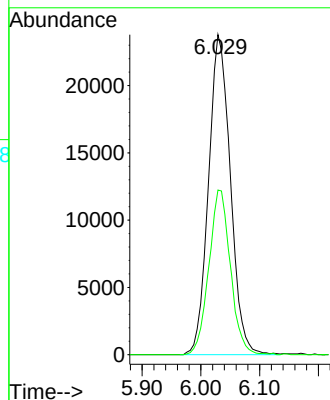
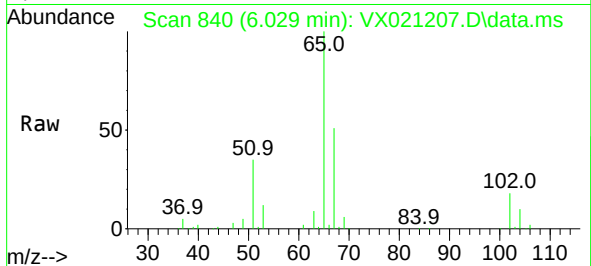
67 50.8 0.0 105.4

Instrument :

MSVOA_X

ClientSampled :

TB-3-12-2021



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX021207.D

Acq: 15 Mar 2021 18:07

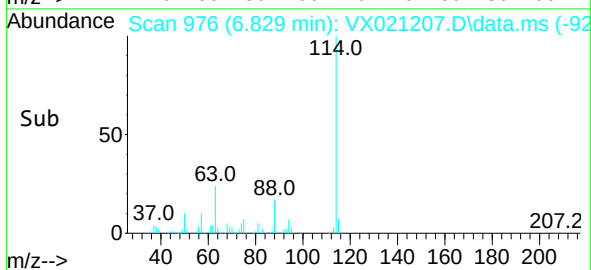
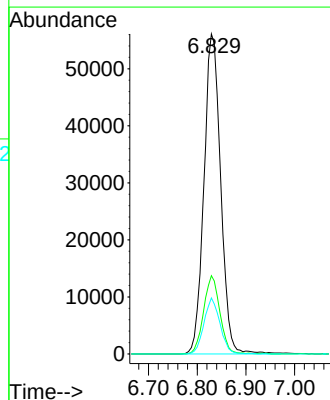
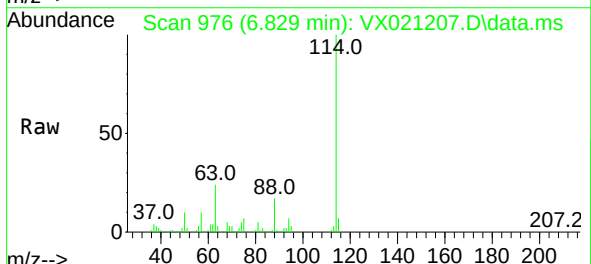
Tgt Ion: 114 Resp: 133764

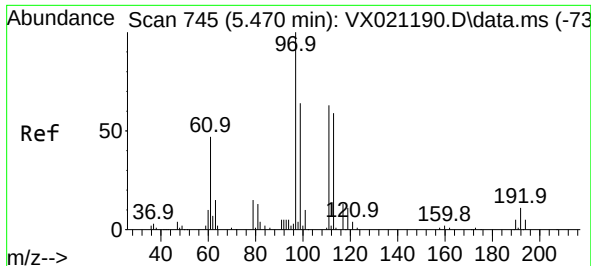
Ion Ratio Lower Upper

114 100

63 24.5 0.0 40.8

88 17.5 0.0 32.8

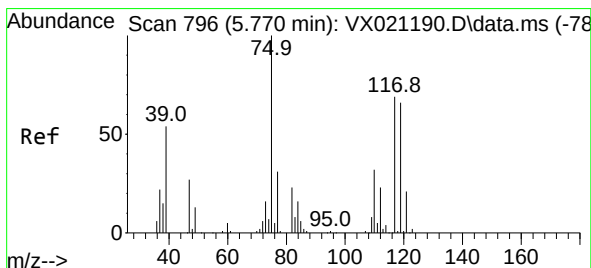
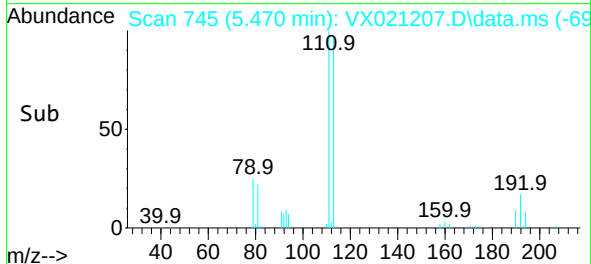
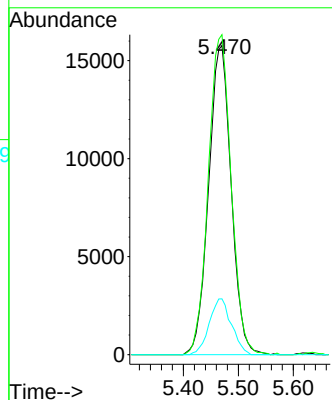
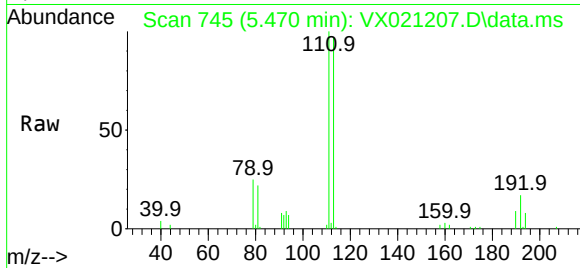




#35
Dibromofluoromethane
Concen: 48.83 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021207.D
Acq: 15 Mar 2021 18:07

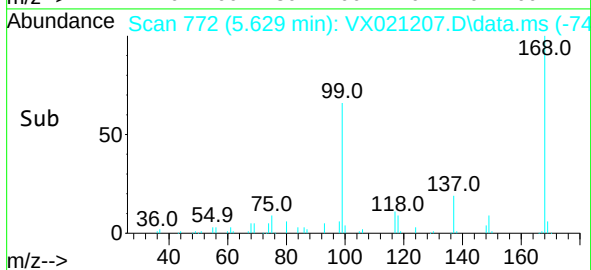
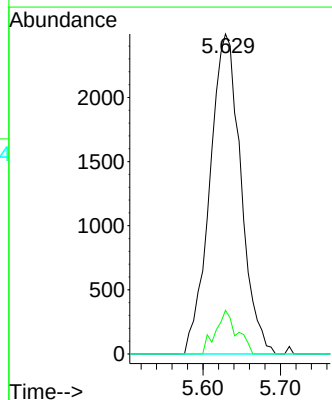
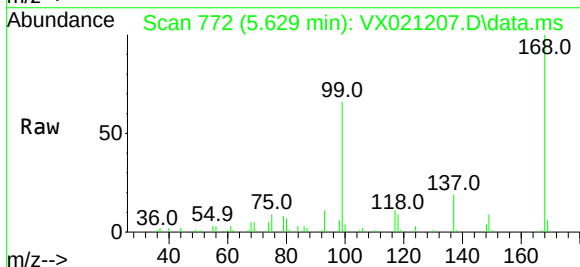
Instrument :
MSVOA_X
ClientSampleId :
TB-3-12-2021

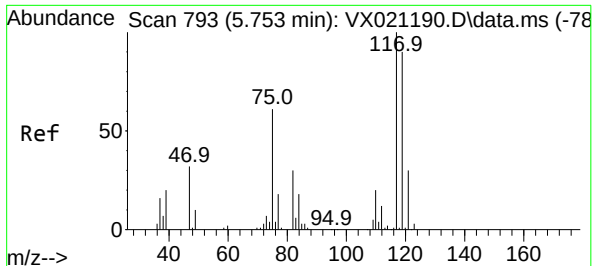
Tgt Ion:113 Resp: 44943
Ion Ratio Lower Upper
113 100
111 104.7 81.9 122.9
192 17.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.96 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021207.D
Acq: 15 Mar 2021 18:07

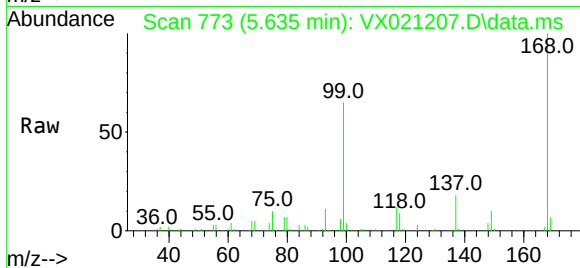
Tgt Ion: 75 Resp: 6950
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



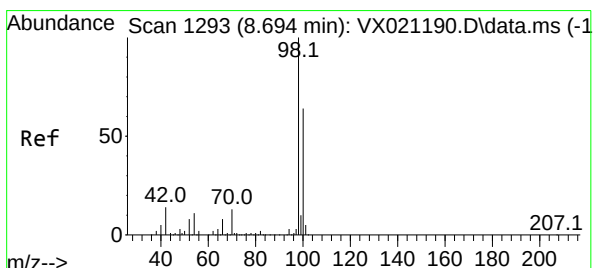
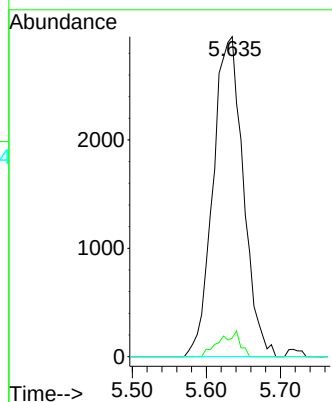
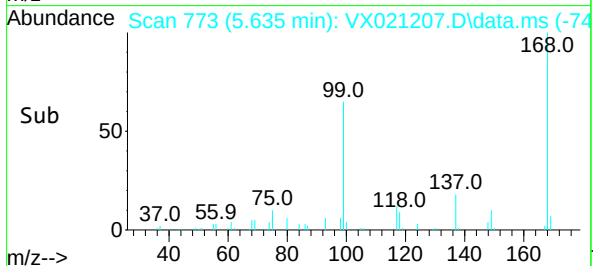


#38
Carbon Tetrachloride
Concen: 5.43 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.118 min
Lab File: VX021207.D
Acq: 15 Mar 2021 18:07

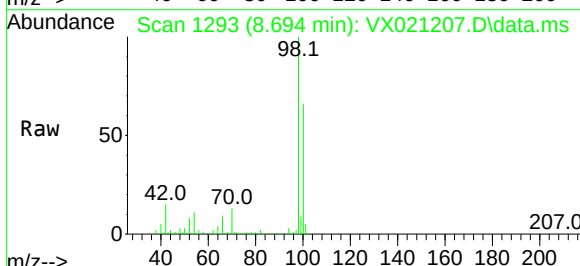
Instrument :
MSVOA_X
ClientSampleId :
TB-3-12-2021



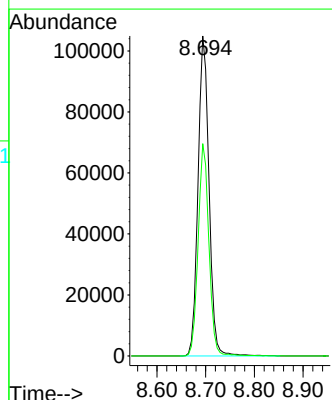
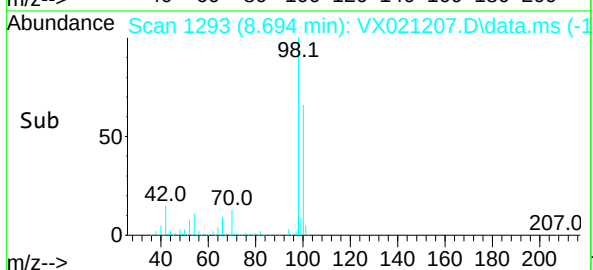
Tgt Ion:117 Resp: 8358
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#

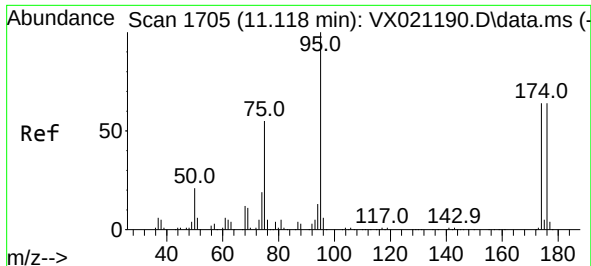


#50
Toluene-d8
Concen: 50.01 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021207.D
Acq: 15 Mar 2021 18:07



Tgt Ion: 98 Resp: 165335
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

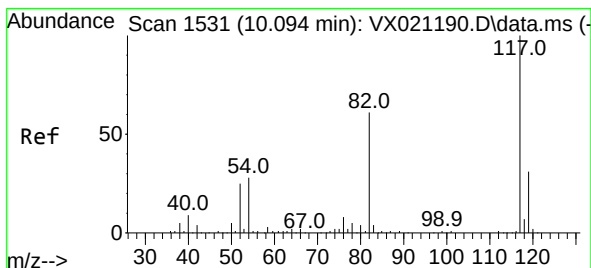
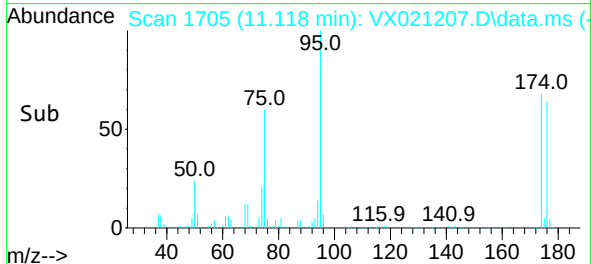
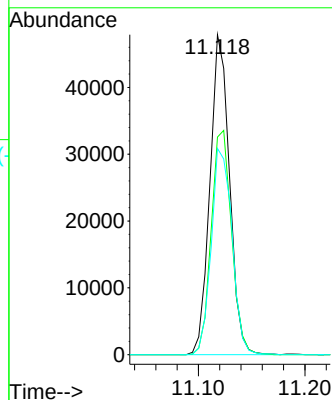
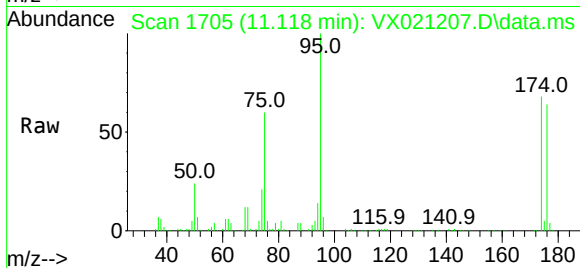




#62
4-Bromofluorobenzene
Concen: 48.49 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021207.D
Acq: 15 Mar 2021 18:07

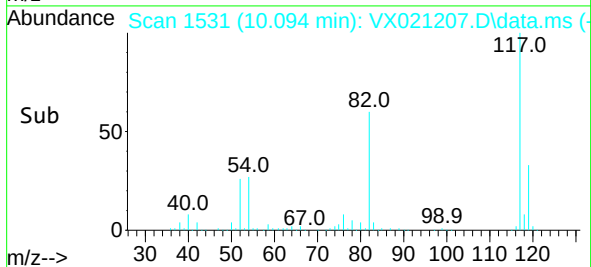
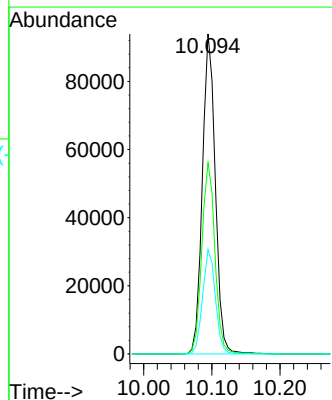
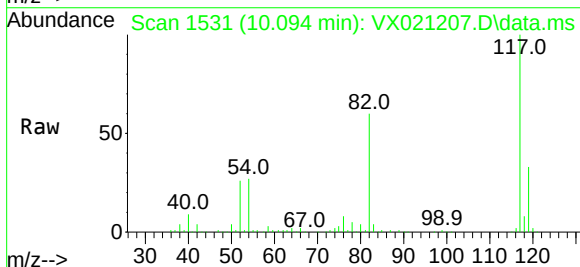
Instrument :
MSVOA_X
ClientSampled :
TB-3-12-2021

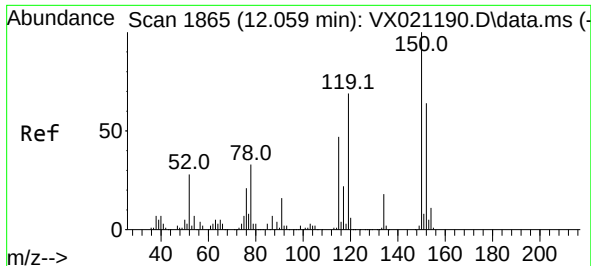
Tgt Ion: 95 Resp: 61088
Ion Ratio Lower Upper
95 100
174 72.8 0.0 154.6
176 68.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021207.D
Acq: 15 Mar 2021 18:07

Tgt Ion: 117 Resp: 124098
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 32.6 26.6 39.8

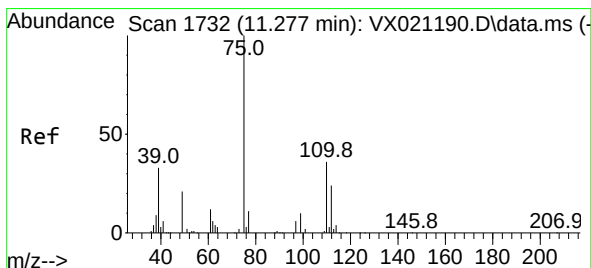
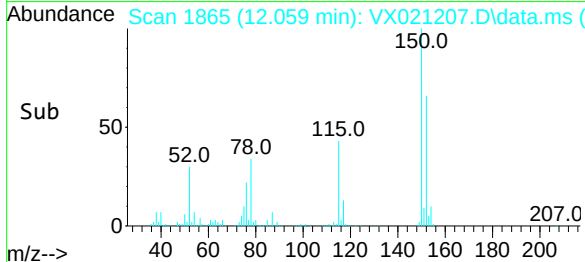
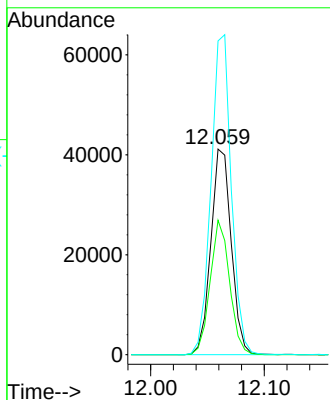
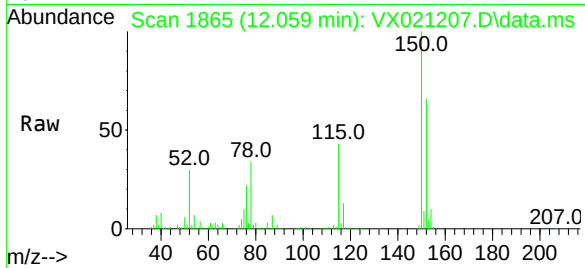




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. -0.006 min
 Lab File: VX021207.D
 Acq: 15 Mar 2021 18:07

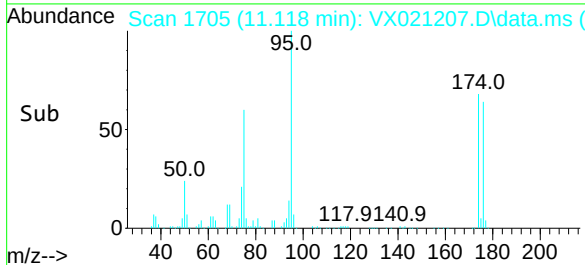
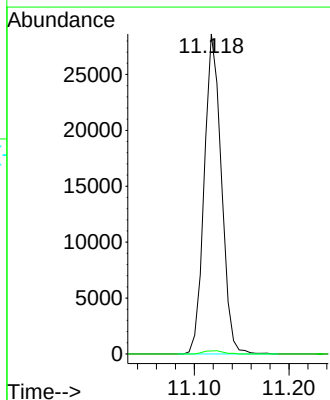
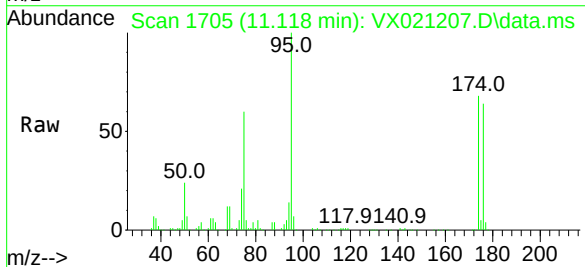
Instrument :
 MSVOA_X
 ClientSampled :
 TB-3-12-2021

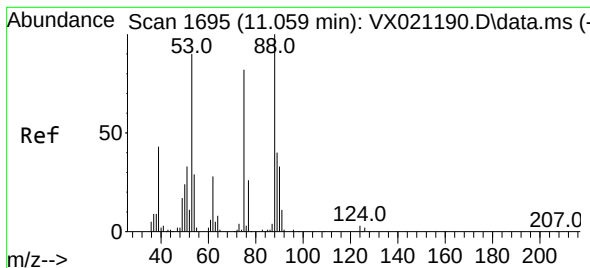
Tgt Ion:152 Resp: 51404
 Ion Ratio Lower Upper
 152 100
 115 62.2 41.1 123.3
 150 155.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.19 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021207.D
 Acq: 15 Mar 2021 18:07

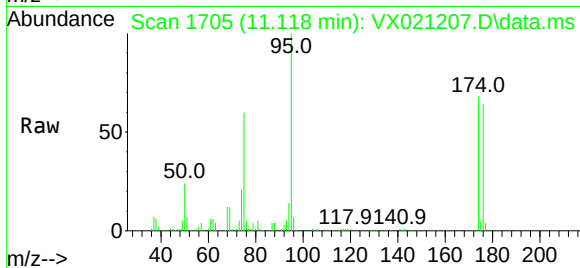
Tgt Ion: 75 Resp: 35931
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#



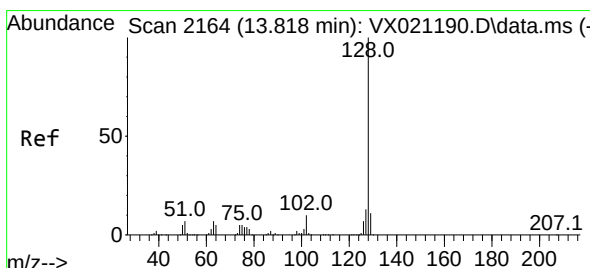
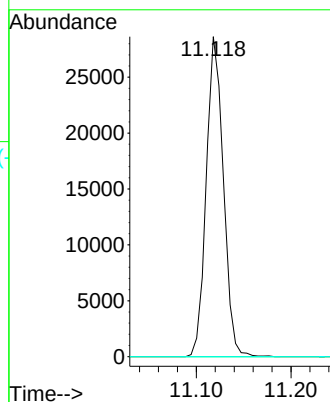
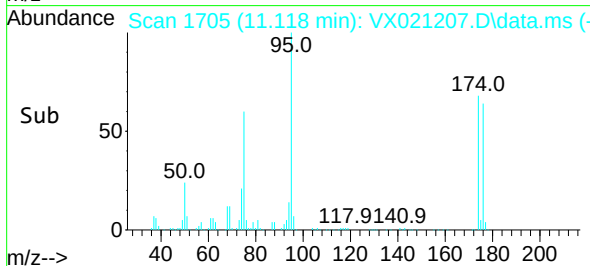


#81
trans-1,4-Dichloro-2-butene
Concen: 80.01 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021207.D
Acq: 15 Mar 2021 18:07

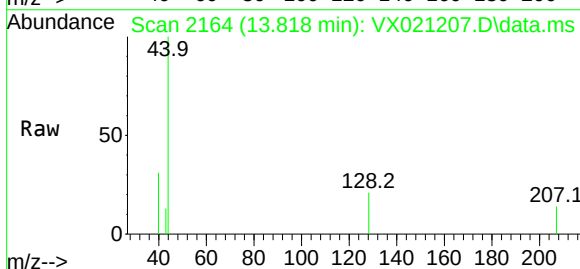
Instrument :
MSVOA_X
ClientSampleId :
TB-3-12-2021



Tgt Ion: 75 Resp: 35931
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.48 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021207.D
Acq: 15 Mar 2021 18:07



Tgt Ion: 128 Resp: 74
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

