

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021053.D
 Acq On : 08 Mar 2021 12:30
 Operator : JC/MD
 Sample : M1594-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-030521

Quant Time: Mar 09 01:04:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

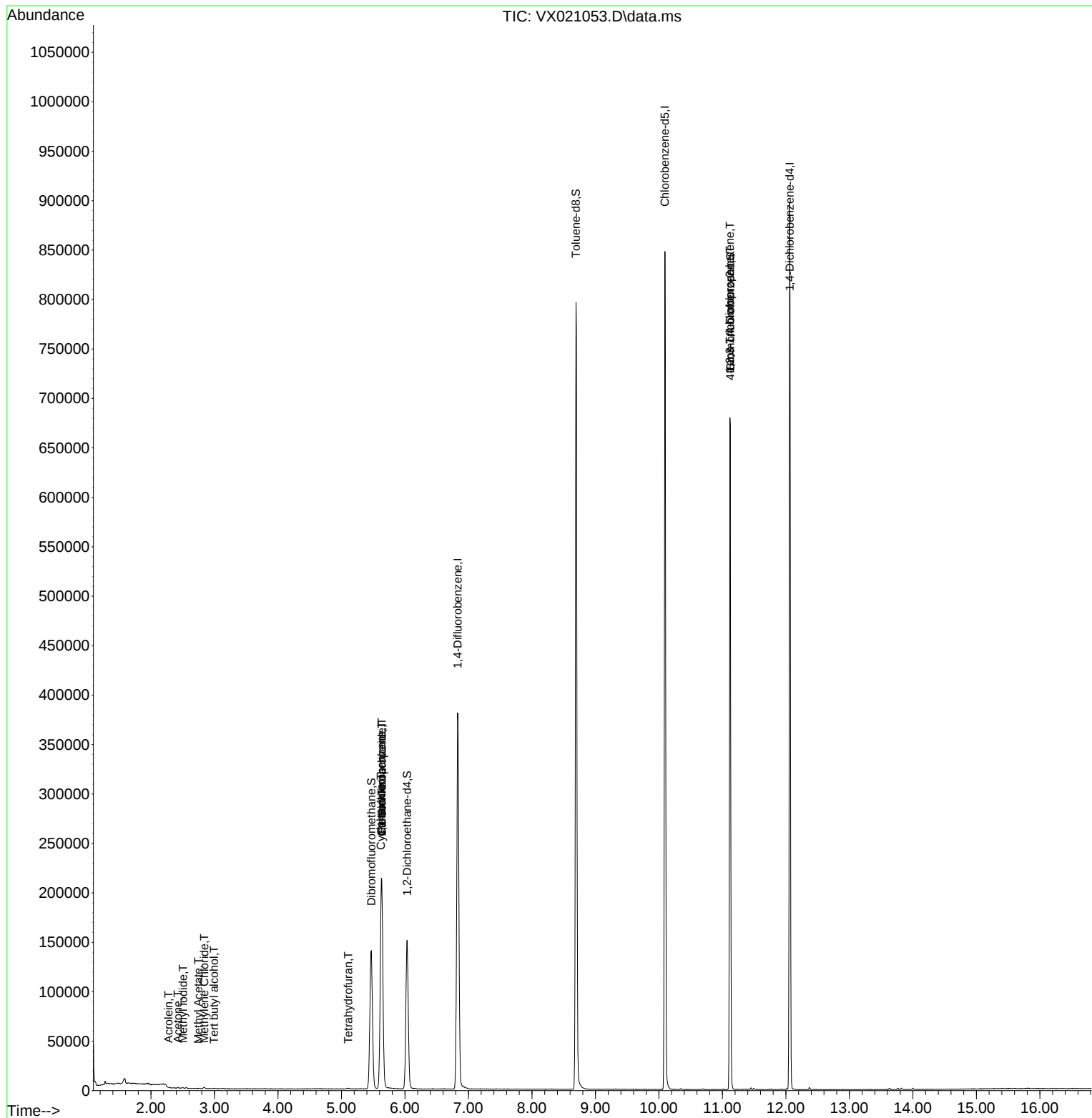
Internal Standards						
1) Pentafluorobenzene	5.629	168	213693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	398841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	394959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	186869	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	142449	49.35	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.70%		
35) Dibromofluoromethane	5.470	113	125065	51.61	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.22%		
50) Toluene-d8	8.694	98	503089	53.24	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.48%		
62) 4-Bromofluorobenzene	11.124	95	195724	56.02	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.04%		
Target Compounds						Qvalue
5) Bromomethane	1.646	94	400	Below Cal		84
10) Methyl Iodide	2.505	142	928	0.30 ug/l #		96
11) Tert butyl alcohol	2.993	59	241	0.37 ug/l #		73
13) Acrolein	2.276	56	224	0.56 ug/l #		44
16) Acetone	2.423	43	1068	0.90 ug/l		97
18) Methyl Acetate	2.746	43	630	0.22 ug/l #		72
20) Methylene Chloride	2.840	84	721	0.25 ug/l #		86
29) Tetrahydrofuran	5.105	42	457	0.39 ug/l #		69
31) Cyclohexane	5.623	56	4152	0.99 ug/l #		1
36) 1,1-Dichloropropene	5.635	75	16498	4.35 ug/l #		48
38) Carbon Tetrachloride	5.635	117	20296	5.53 ug/l #		16
76) 1,2,3-Trichloropropane	11.118	75	92454	23.00 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	92454	50.92 ug/l #		12

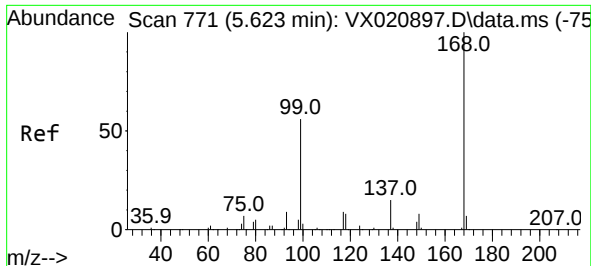
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

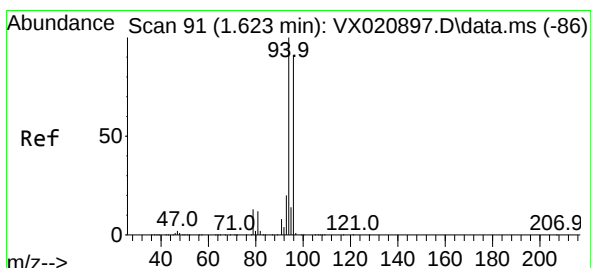
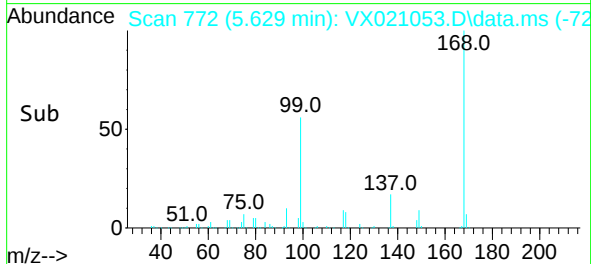
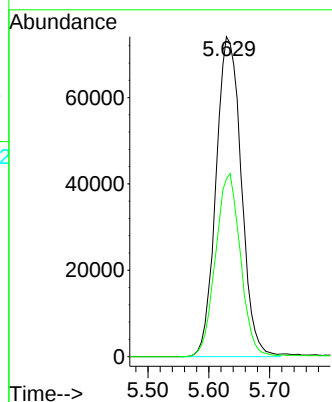
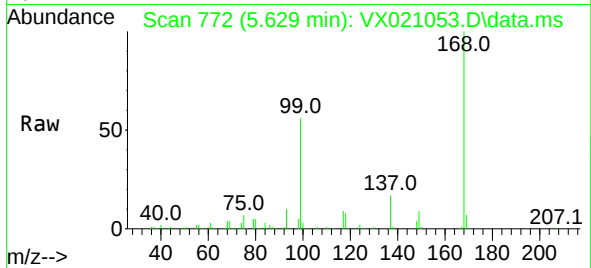




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021053.D
Acq: 08 Mar 2021 12:30

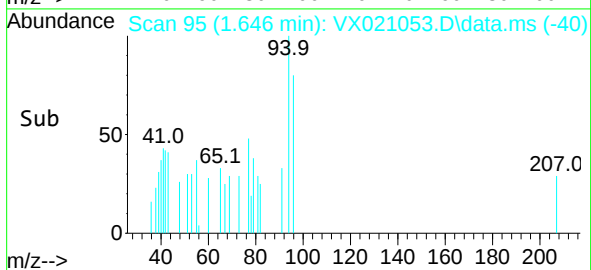
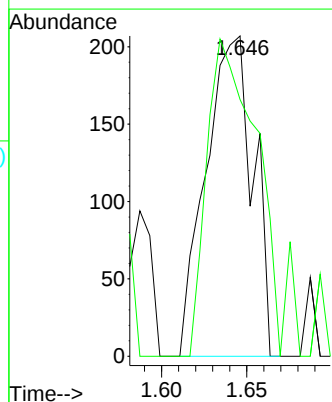
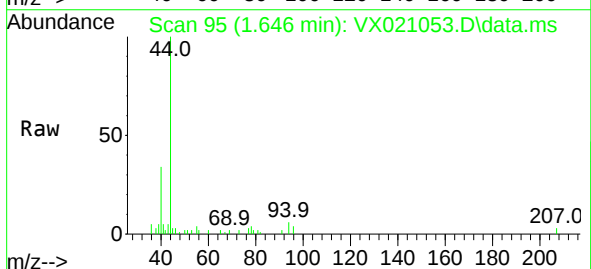
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030521

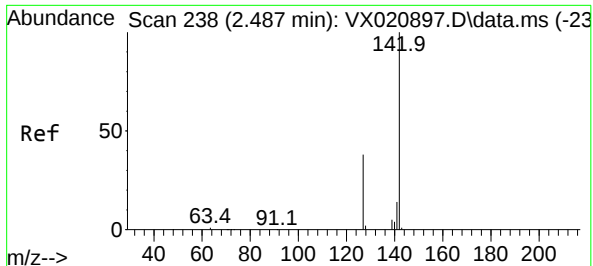
Tgt Ion:168 Resp: 213693
Ion Ratio Lower Upper
168 100
99 55.5 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.646 min Scan# 95
Delta R.T. 0.023 min
Lab File: VX021053.D
Acq: 08 Mar 2021 12:30

Tgt Ion: 94 Resp: 400
Ion Ratio Lower Upper
94 100
96 80.2 76.4 114.6

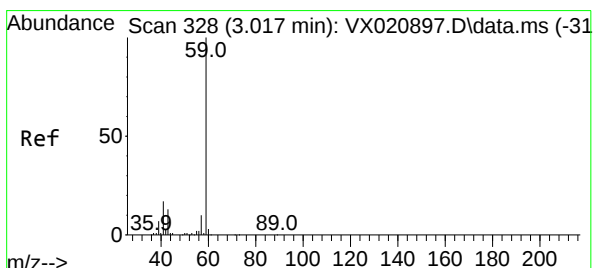
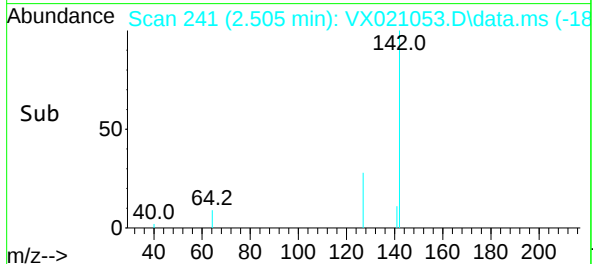
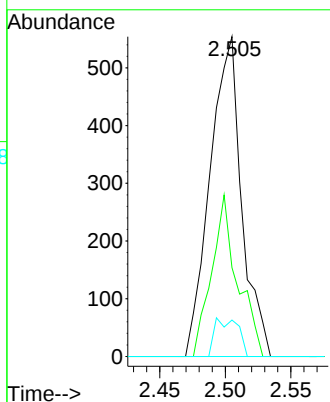
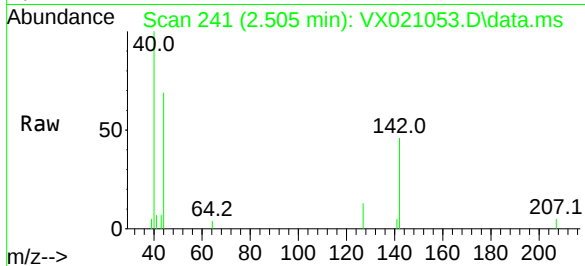




#10
Methyl Iodide
Concen: 0.30 ug/l
RT: 2.505 min Scan# 241
Delta R.T. 0.018 min
Lab File: VX021053.D
Acq: 08 Mar 2021 12:30

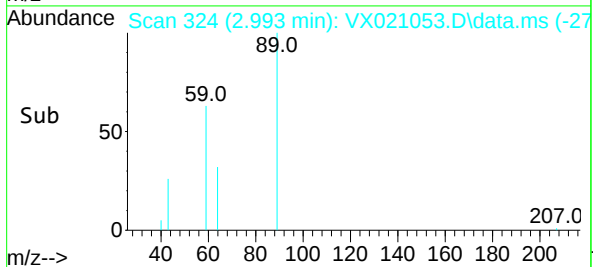
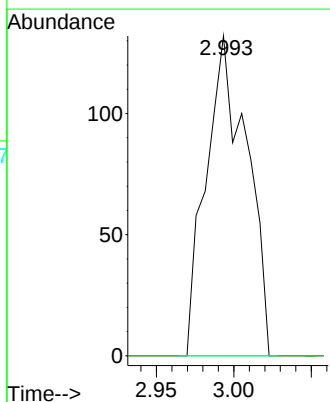
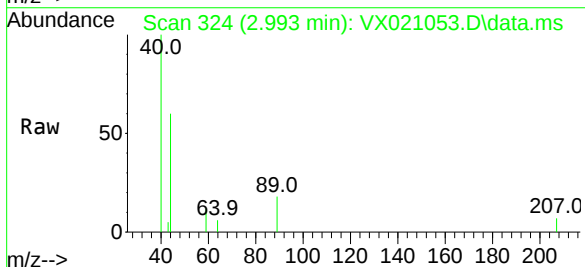
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030521

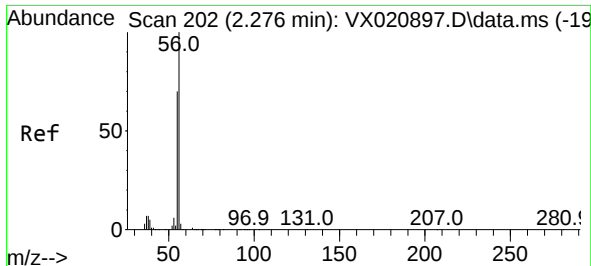
Tgt Ion:142 Resp: 928
Ion Ratio Lower Upper
142 100
127 41.4 33.3 49.9
141 8.8 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.37 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021053.D
Acq: 08 Mar 2021 12:30

Tgt Ion: 59 Resp: 241
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

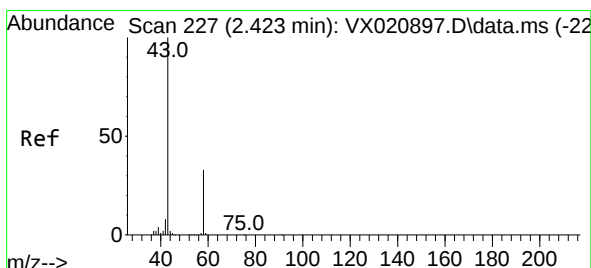
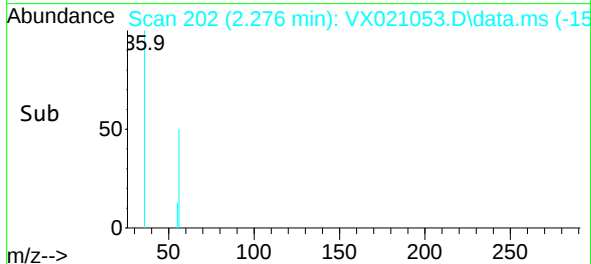
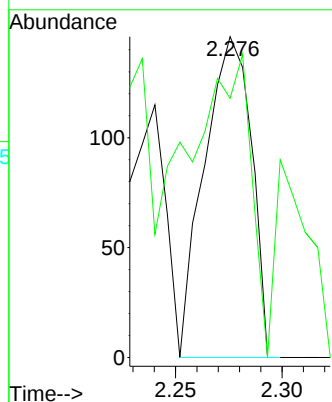
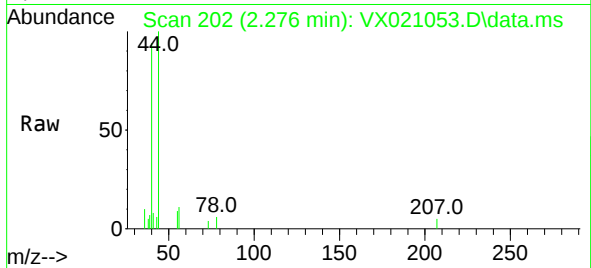




#13
Acrolein
Concen: 0.56 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021053.D
Acq: 08 Mar 2021 12:30

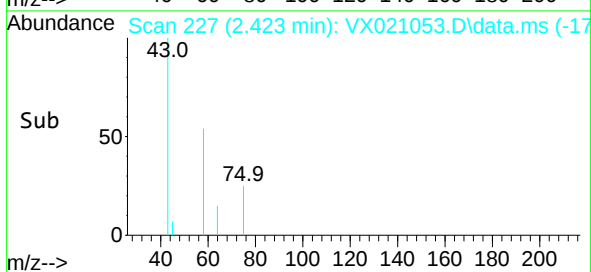
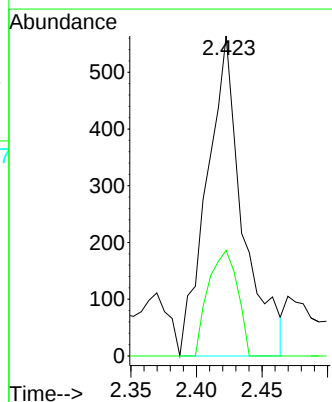
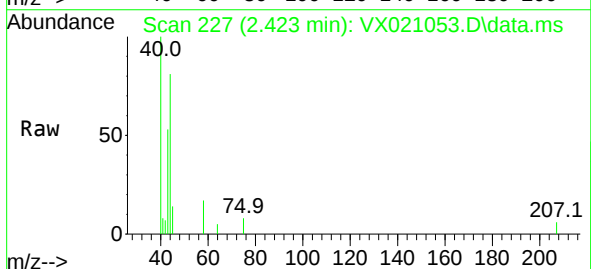
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030521

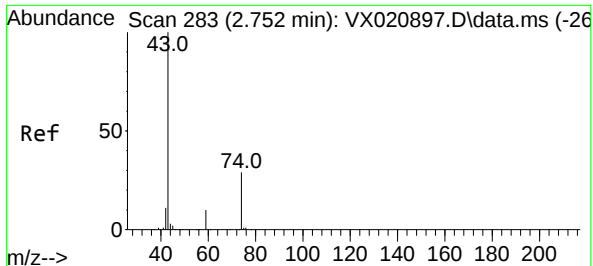
Tgt Ion: 56 Resp: 224
Ion Ratio Lower Upper
56 100
55 116.5 56.4 84.6#



#16
Acetone
Concen: 0.90 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021053.D
Acq: 08 Mar 2021 12:30

Tgt Ion: 43 Resp: 1068
Ion Ratio Lower Upper
43 100
58 33.0 27.8 41.8





#18

Methyl Acetate

Concen: 0.22 ug/l

RT: 2.746 min Scan# 282

Delta R.T. -0.006 min

Lab File: VX021053.D

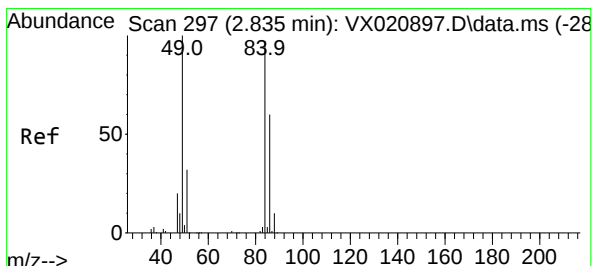
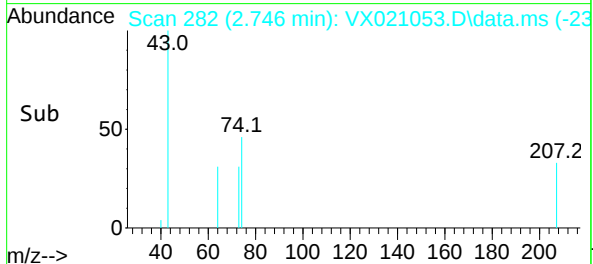
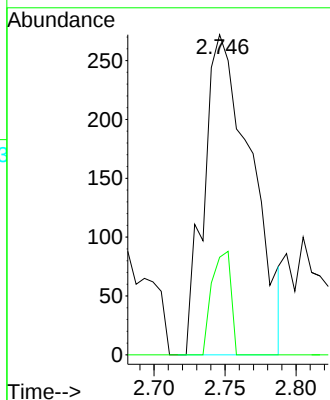
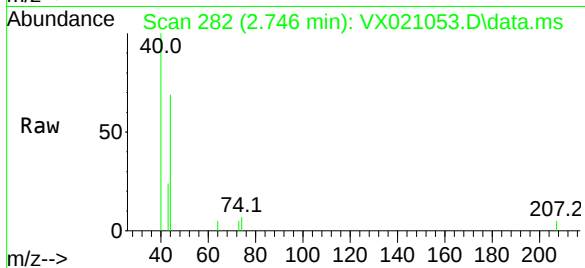
Acq: 08 Mar 2021 12:30

Tgt Ion: 43 Resp: 630

Ion Ratio Lower Upper

43 100

74 13.0 21.9 32.9#



#20

Methylene Chloride

Concen: 0.25 ug/l

RT: 2.840 min Scan# 298

Delta R.T. 0.006 min

Lab File: VX021053.D

Acq: 08 Mar 2021 12:30

Tgt Ion: 84 Resp: 721

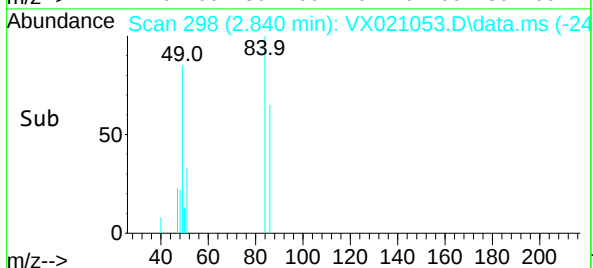
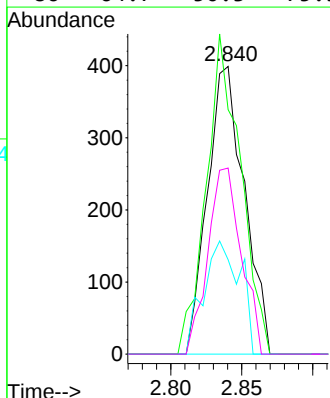
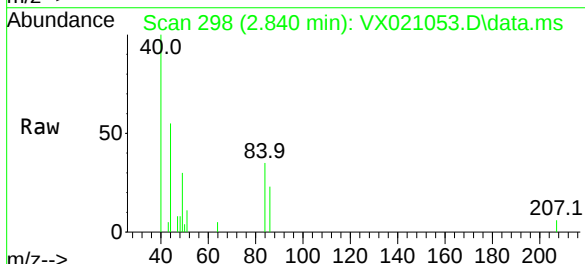
Ion Ratio Lower Upper

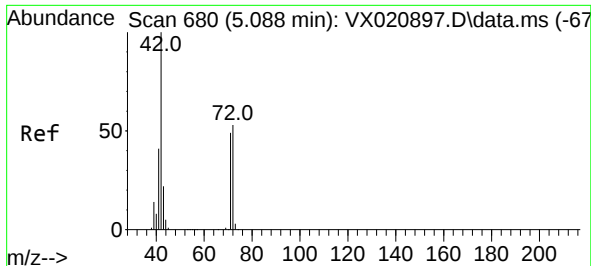
84 100

49 85.0 88.6 132.8#

51 32.8 27.0 40.6

86 64.7 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.39 ug/l

RT: 5.105 min Scan# 683

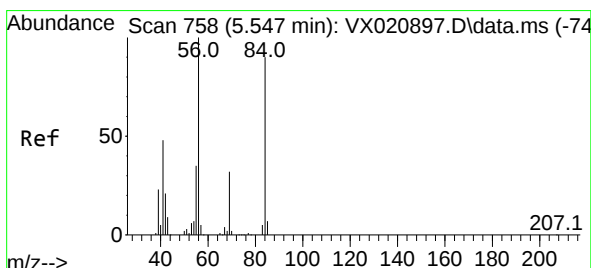
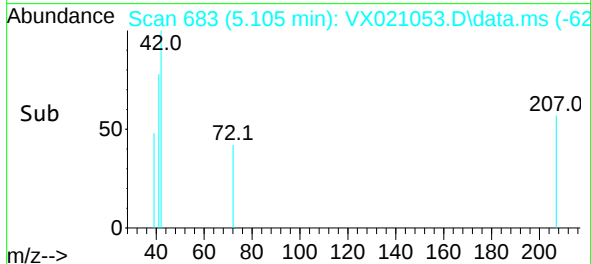
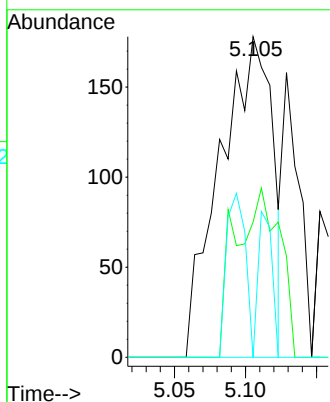
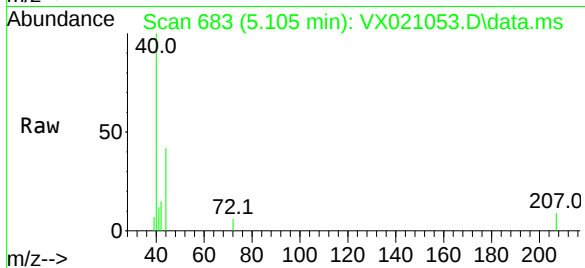
Delta R.T. 0.018 min

Lab File: VX021053.D

Acq: 08 Mar 2021 12:30

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Tgt Ion: 42	Resp: 457		
Ion Ratio	Lower	Upper	
42 100			
72 44.6	41.7	62.5	
71 11.8	38.4	57.6#	



#31

Cyclohexane

Concen: 0.99 ug/l

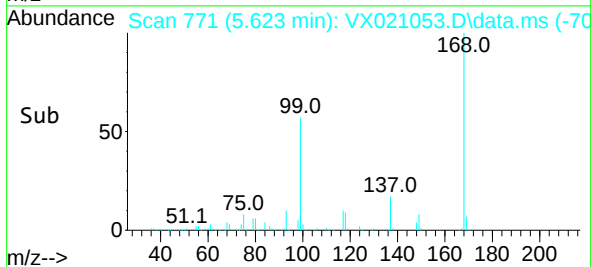
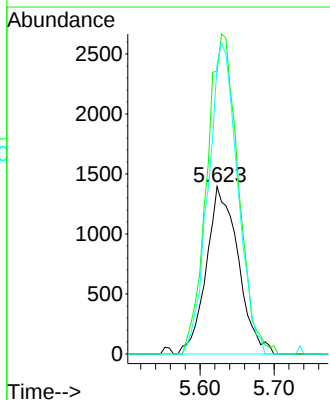
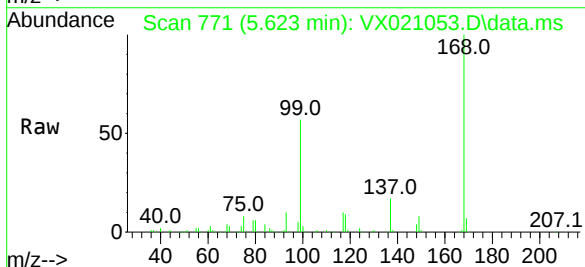
RT: 5.623 min Scan# 771

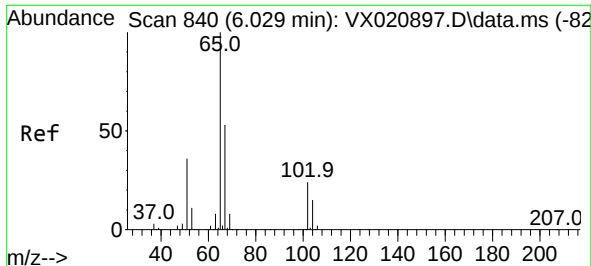
Delta R.T. 0.076 min

Lab File: VX021053.D

Acq: 08 Mar 2021 12:30

Tgt Ion: 56	Resp: 4152		
Ion Ratio	Lower	Upper	
56	100		
69	169.0	25.3	37.9#
84	173.0	71.4	107.0#

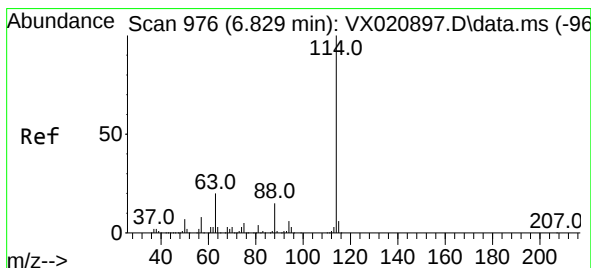
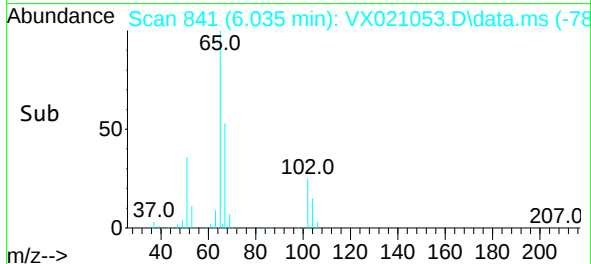
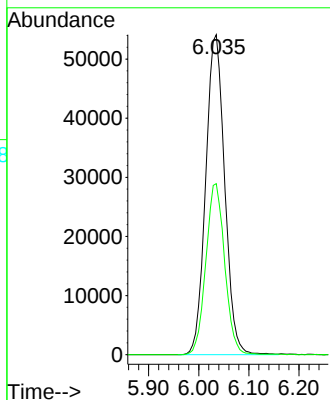
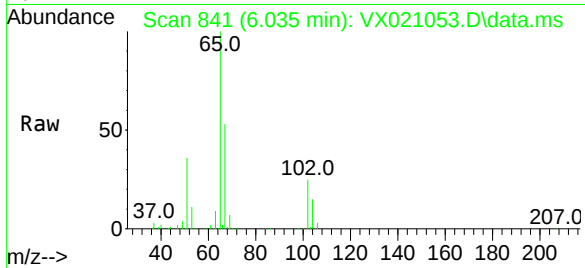




#33
 1,2-Dichloroethane-d4
 Concen: 49.35 ug/l
 RT: 6.035 min Scan# 841
 Delta R.T. 0.006 min
 Lab File: VX021053.D
 Acq: 08 Mar 2021 12:30

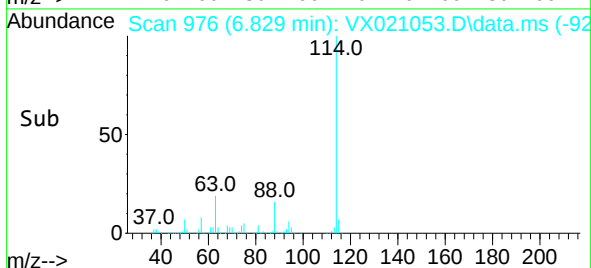
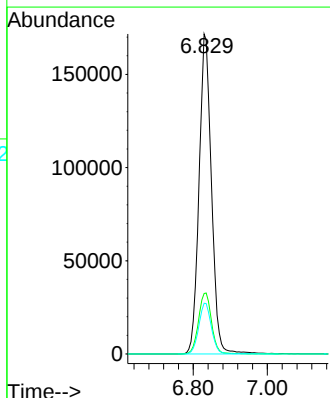
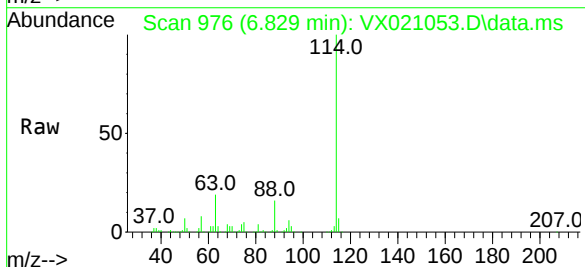
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 MSVOA_X
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 TB-01-030521

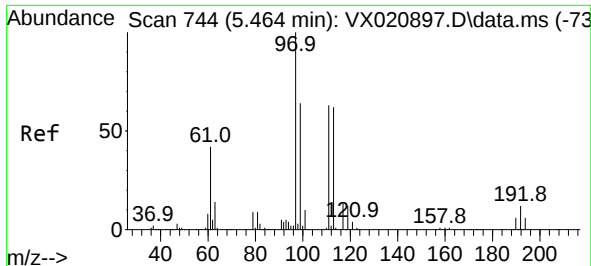
Tgt Ion: 65 Resp: 142449
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX021053.D
 Acq: 08 Mar 2021 12:30

Tgt Ion: 114 Resp: 398841
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.8
 88 15.9 0.0 32.8

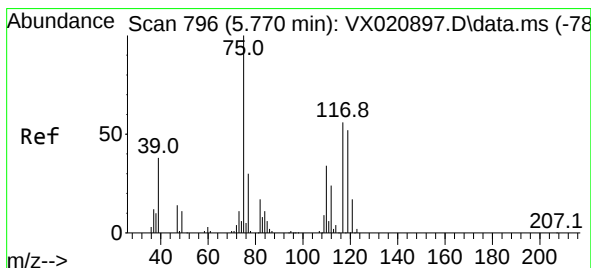
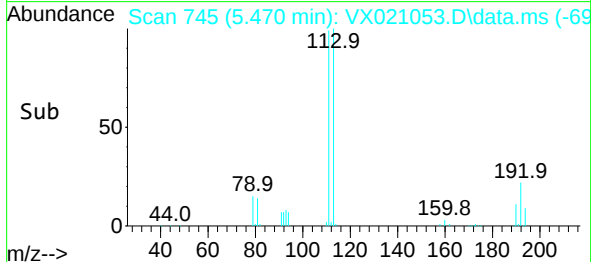
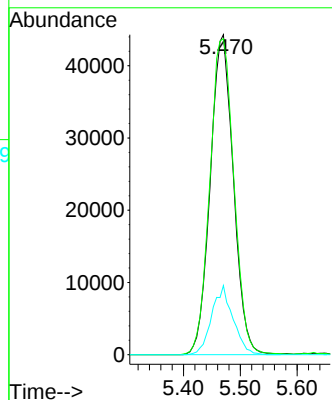
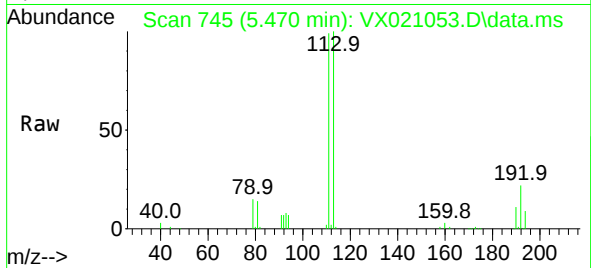




#35
Dibromofluoromethane
Concen: 51.61 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021053.D
Acq: 08 Mar 2021 12:30

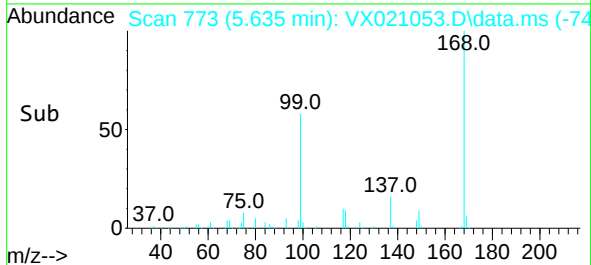
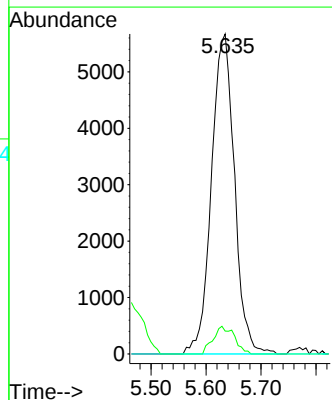
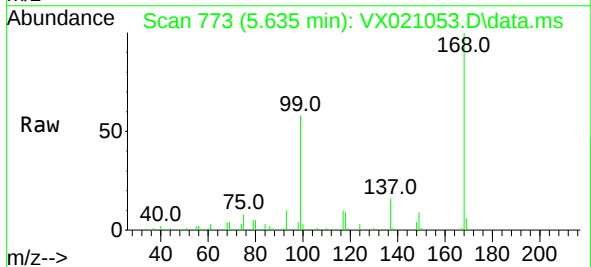
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TB-01-030521

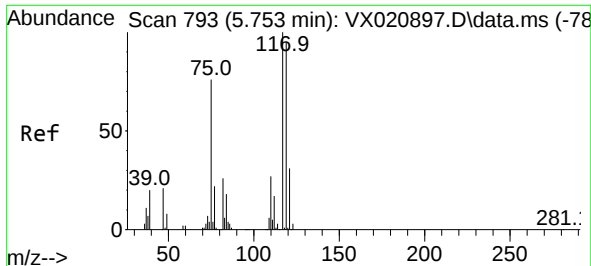
Tgt Ion:113 Resp: 125065
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 19.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.35 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.135 min
Lab File: VX021053.D
Acq: 08 Mar 2021 12:30

Tgt Ion: 75 Resp: 16498
Ion Ratio Lower Upper
75 100
110 8.0 18.1 54.4#
77 0.0 25.3 37.9#

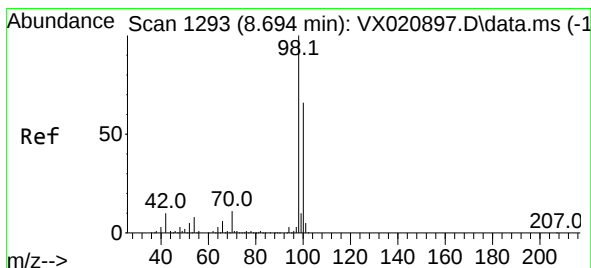
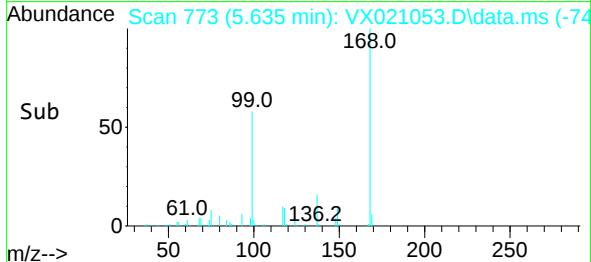
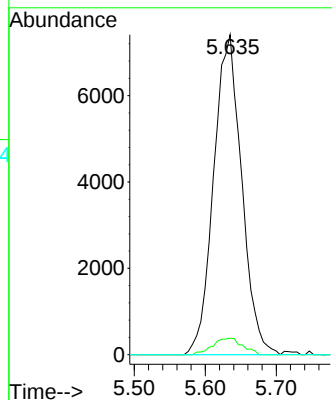
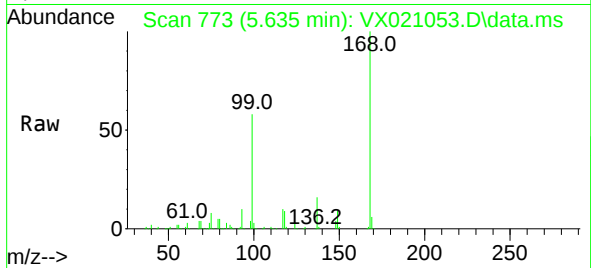




#38
Carbon Tetrachloride
Concen: 5.53 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.118 min
Lab File: VX021053.D
Acq: 08 Mar 2021 12:30

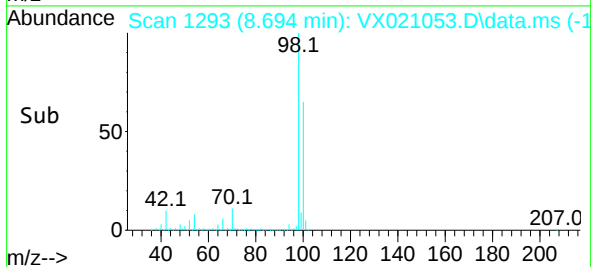
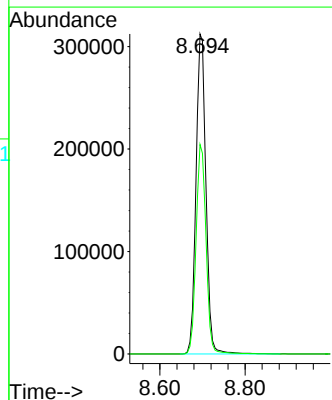
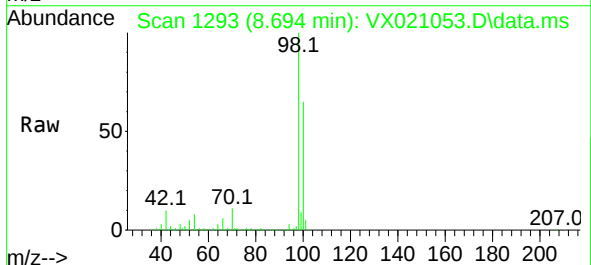
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030521

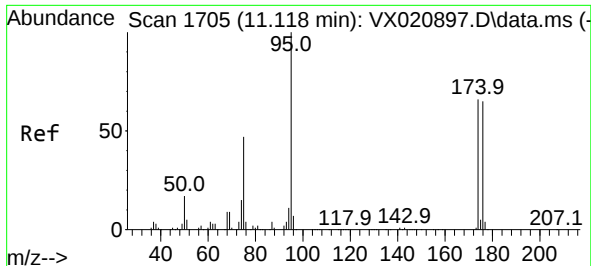
Tgt Ion:117 Resp: 20296
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.24 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021053.D
Acq: 08 Mar 2021 12:30

Tgt Ion: 98 Resp: 503089
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

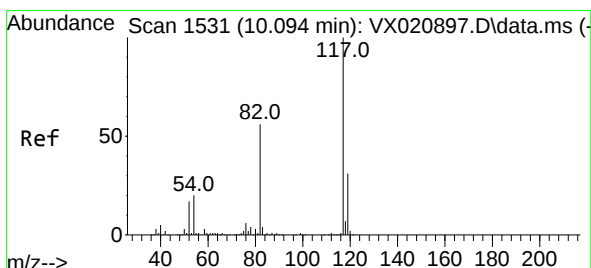
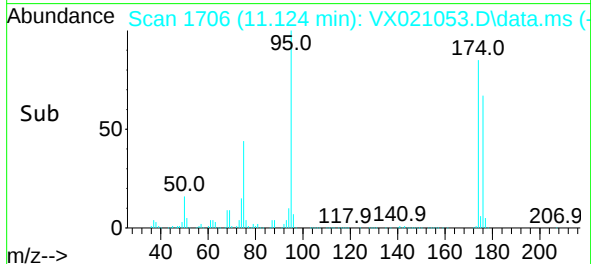
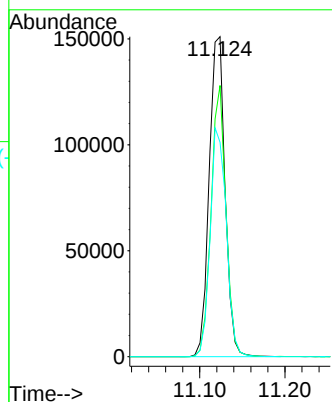
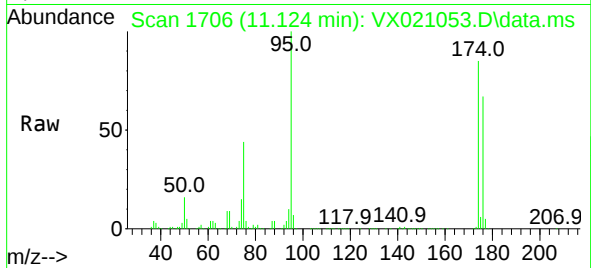




#62
4-Bromofluorobenzene
Concen: 56.02 ug/l
RT: 11.124 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VX021053.D
Acq: 08 Mar 2021 12:30

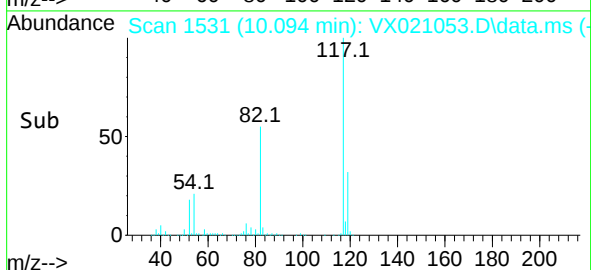
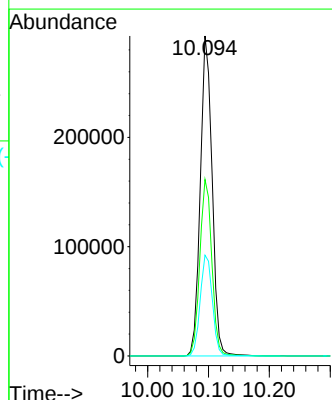
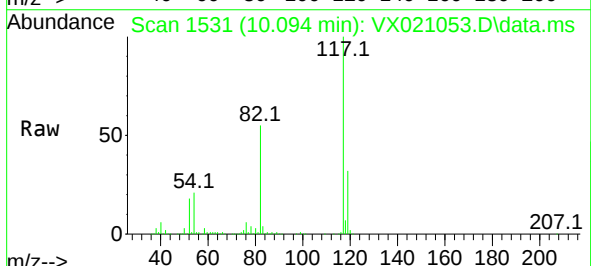
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030521

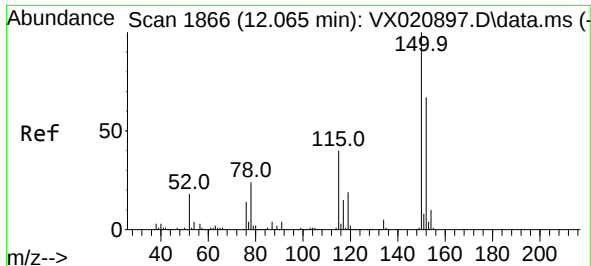
Tgt Ion: 95 Resp: 195724
Ion Ratio Lower Upper
95 100
174 79.4 0.0 154.6
176 72.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021053.D
Acq: 08 Mar 2021 12:30

Tgt Ion: 117 Resp: 394959
Ion Ratio Lower Upper
117 100
82 55.2 47.4 71.2
119 31.5 26.6 39.8

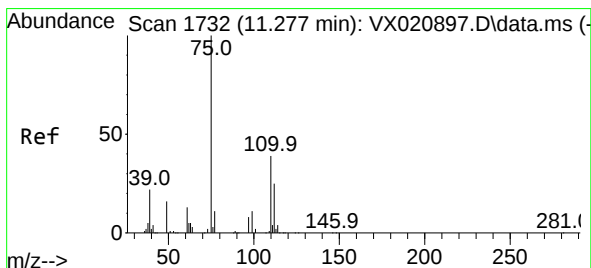
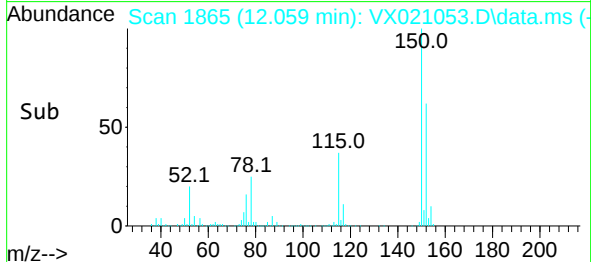
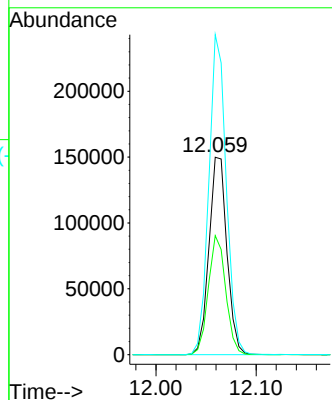
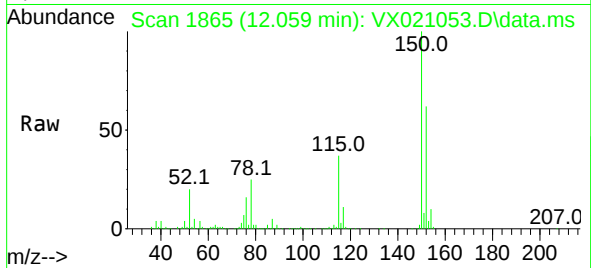




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. -0.006 min
 Lab File: VX021053.D
 Acq: 08 Mar 2021 12:30

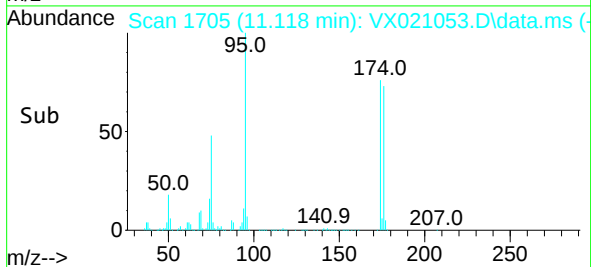
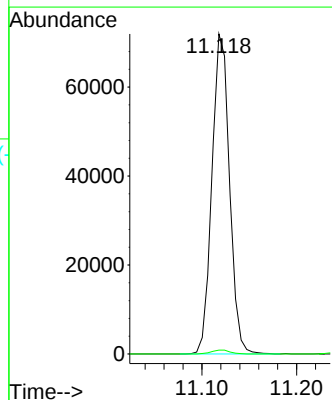
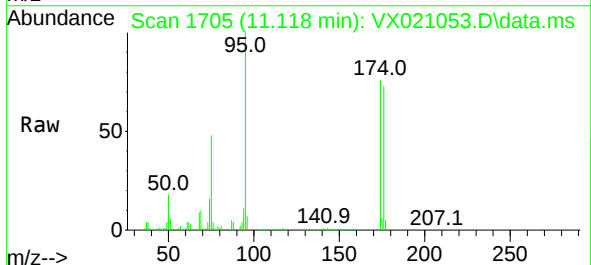
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-030521

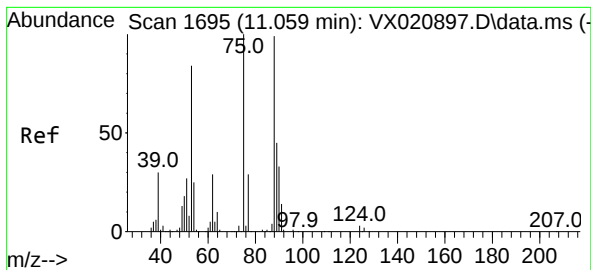
Tgt Ion:152 Resp: 186869
 Ion Ratio Lower Upper
 152 100
 115 58.3 41.1 123.3
 150 156.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 23.00 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021053.D
 Acq: 08 Mar 2021 12:30

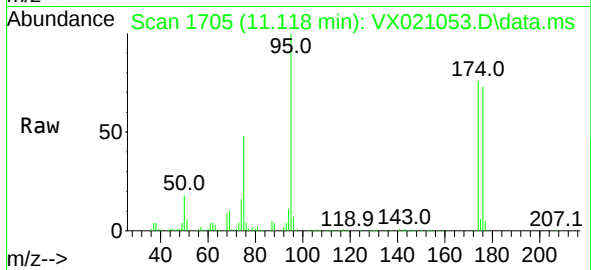
Tgt Ion: 75 Resp: 92454
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.92 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021053.D
 Acq: 08 Mar 2021 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-030521



Tgt Ion: 75 Resp: 92454
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

