

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030221\
 Data File : VX020946.D
 Acq On : 01 Mar 2021 19:55
 Operator : JC/MD
 Sample : PB134860ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB134860ZHE#05

Quant Time: Mar 02 00:32:27 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

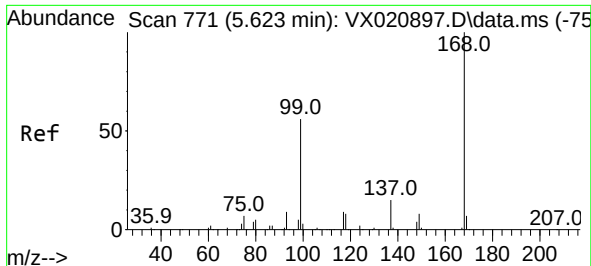
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.623	168	212751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	388557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	368964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	161149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	134875	46.93	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 93.86%			
35) Dibromofluoromethane	5.464	113	120566	51.07	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.14%			
50) Toluene-d8	8.694	98	471691	51.24	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.48%			
62) 4-Bromofluorobenzene	11.118	95	173032	50.84	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.68%			
Target Compounds					Qvalue	
3) Chloromethane	1.311	50	577	0.23	ug/l #	42
5) Bromomethane	1.634	94	209	Below Cal		98
11) Tert butyl alcohol	2.999	59	1935	3.02	ug/l #	85
13) Acrolein	2.270	56	189	0.48	ug/l	90
16) Acetone	2.417	43	39008	32.94	ug/l	97
18) Methyl Acetate	2.746	43	1029	0.37	ug/l	94
20) Methylene Chloride	2.834	84	29017	10.22	ug/l	96
25) 2-Butanone	4.635	43	6050	3.36	ug/l	96
29) Tetrahydrofuran	5.094	42	381	0.33	ug/l #	89
31) Cyclohexane	5.635	56	4147	1.00	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	15686	4.25	ug/l #	49
38) Carbon Tetrachloride	5.629	117	19639	5.49	ug/l #	17
43) Isopropyl Acetate	6.405	43	19341	3.24	ug/l	99
48) Methyl methacrylate	7.647	41	4940	1.65	ug/l #	10
49) 1,4-Dioxane	7.847	88	178	2.54	ug/l #	1
51) 4-Methyl-2-Pentanone	8.594	43	67384	19.36	ug/l #	48
54) cis-1,3-Dichloropropene	8.594	75	36700	7.68	ug/l #	55
57) 1,3-Dichloropropane	9.524	76	19745	4.23	ug/l #	43
59) 2-Hexanone	9.418	43	8434	3.23	ug/l #	19
76) 1,2,3-Trichloropropane	11.118	75	81955	23.64	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	81955	52.34	ug/l #	12

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

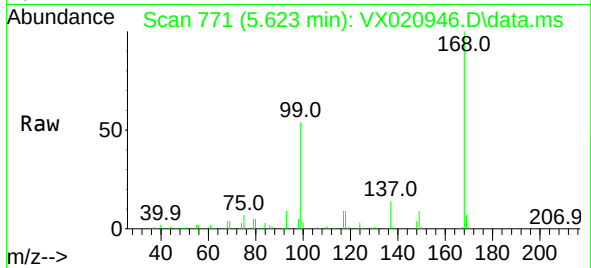
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration



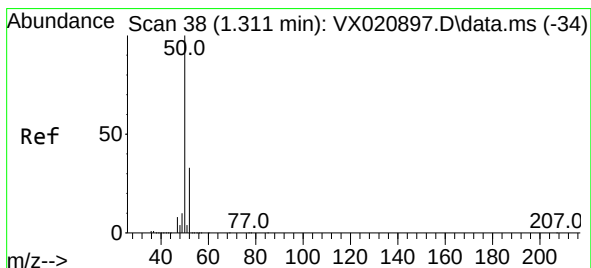
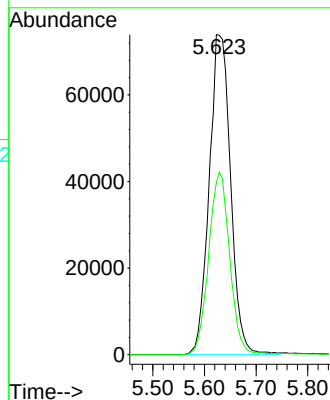
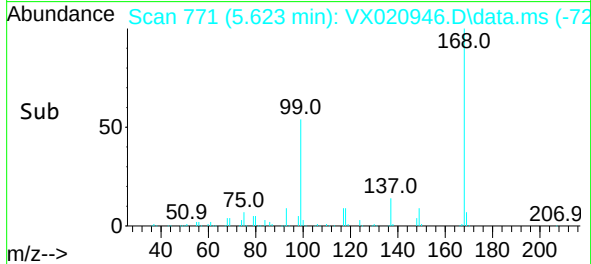


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.000 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

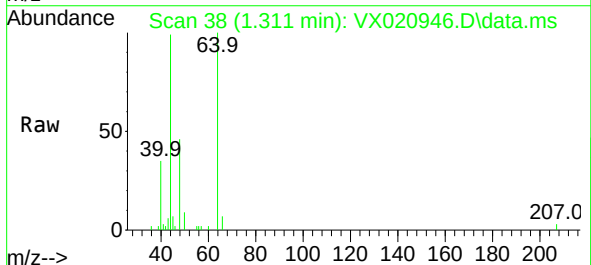
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#05



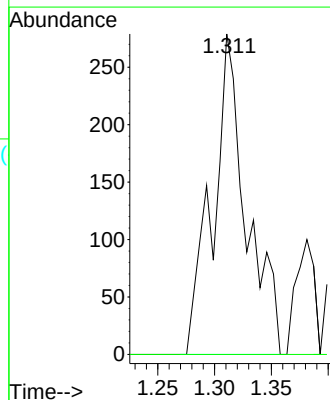
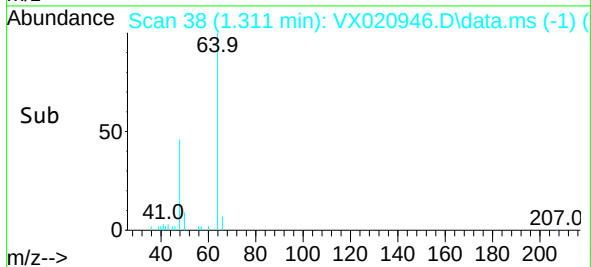
Tgt Ion:168 Resp: 212751
Ion Ratio Lower Upper
168 100
99 53.8 45.8 68.6

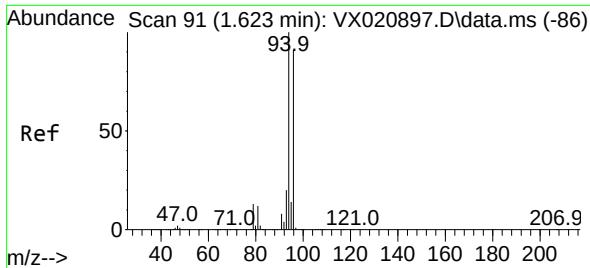


#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.311 min Scan# 38
Delta R.T. -0.000 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55



Tgt Ion: 50 Resp: 577
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

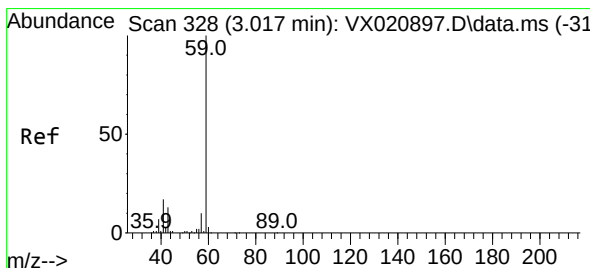
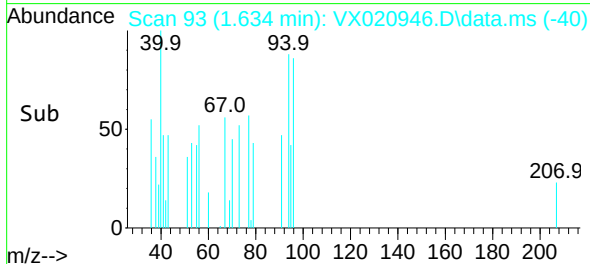
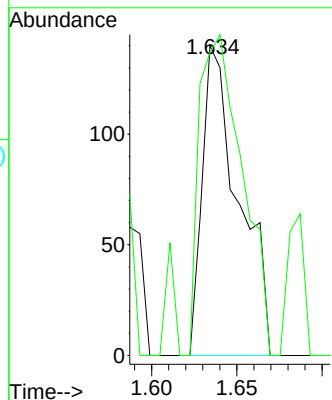
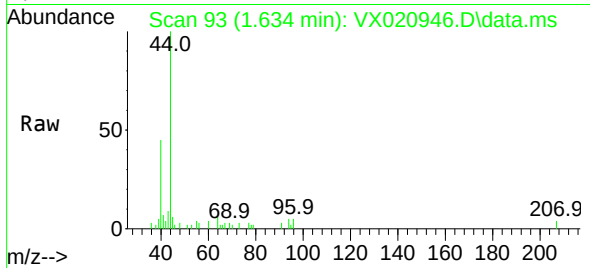




#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

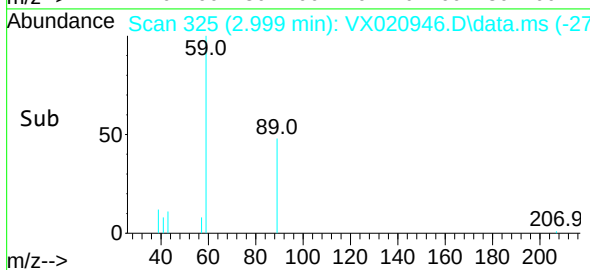
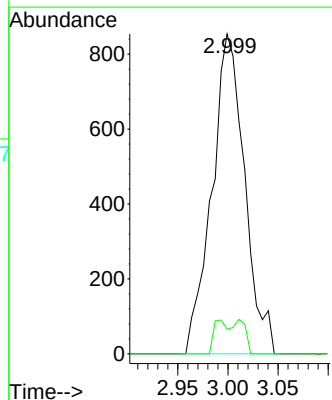
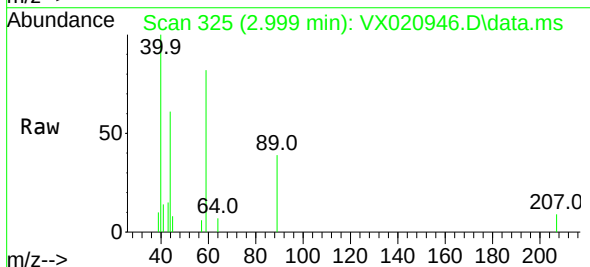
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#05

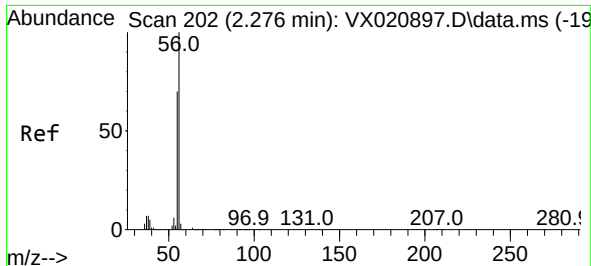
Tgt Ion: 94 Resp: 209
Ion Ratio Lower Upper
94 100
96 97.9 76.4 114.6



#11
Tert butyl alcohol
Concen: 3.02 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

Tgt Ion: 59 Resp: 1935
Ion Ratio Lower Upper
59 100
57 4.4 7.8 11.8#

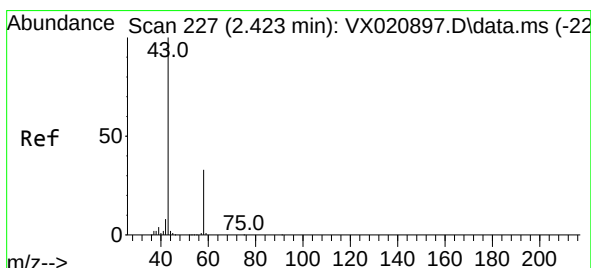
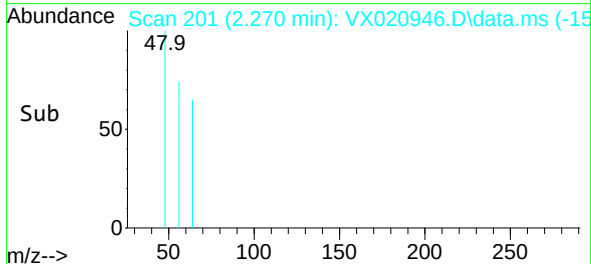
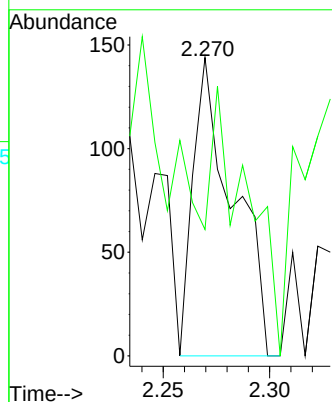
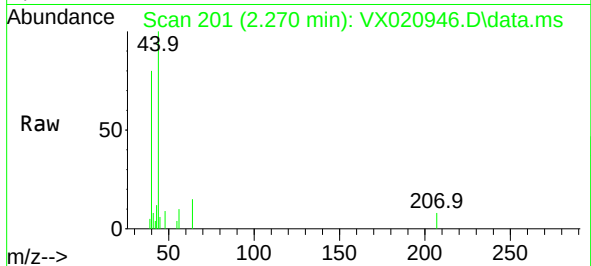




#13
Acrolein
Concen: 0.48 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

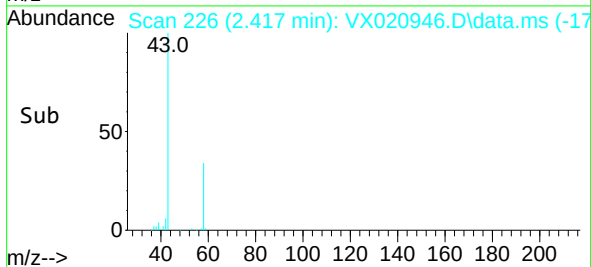
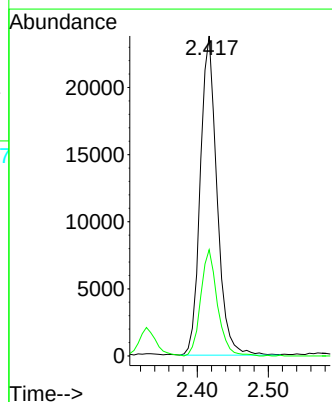
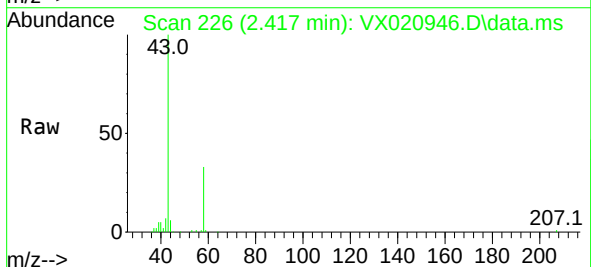
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#05

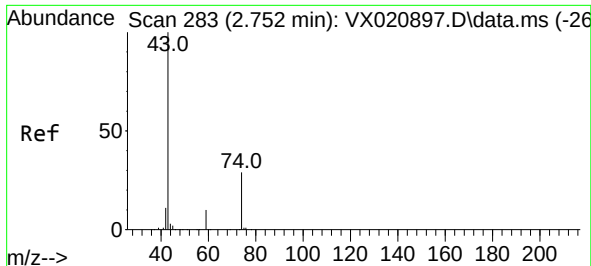
Tgt Ion: 56 Resp: 189
Ion Ratio Lower Upper
56 100
55 78.8 56.4 84.6



#16
Acetone
Concen: 32.94 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

Tgt Ion: 43 Resp: 39008
Ion Ratio Lower Upper
43 100
58 33.0 27.8 41.8

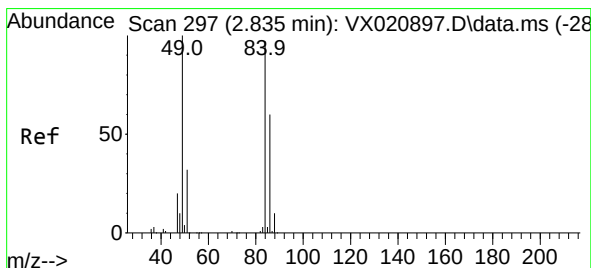
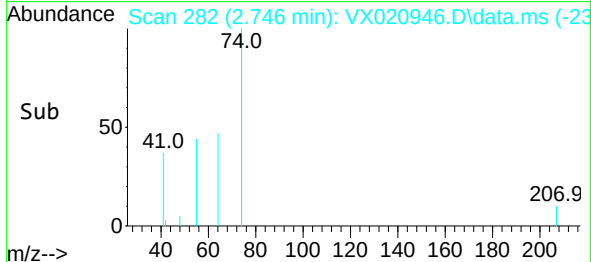
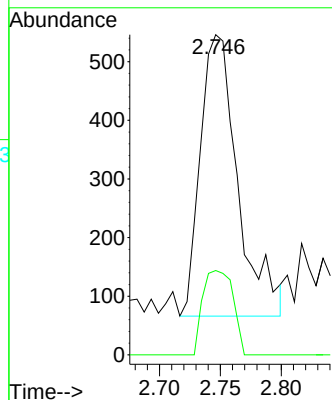
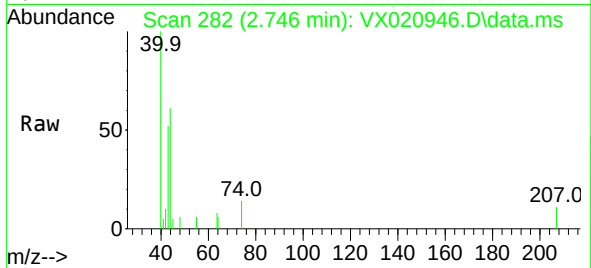




#18
Methyl Acetate
Concen: 0.37 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

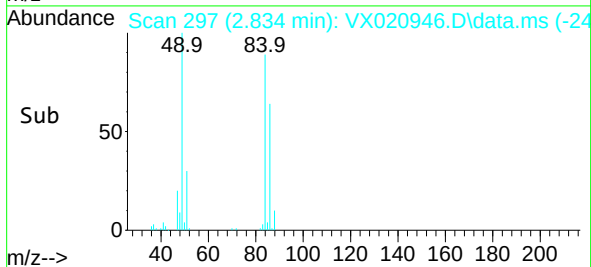
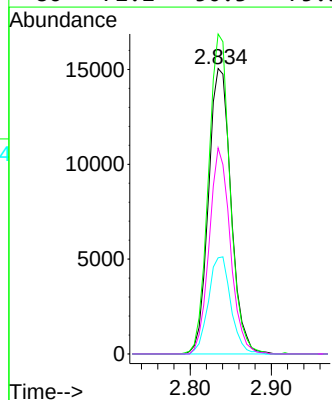
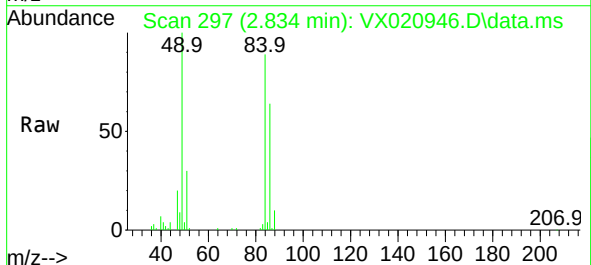
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#05

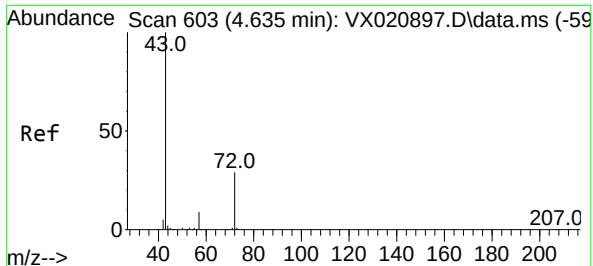
Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
74 24.2 21.9 32.9



#20
Methylene Chloride
Concen: 10.22 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

Tgt Ion: 84 Resp: 29017
Ion Ratio Lower Upper
84 100
49 112.1 88.6 132.8
51 33.7 27.0 40.6
86 72.2 50.3 75.5





#25

2-Butanone

Concen: 3.36 ug/l

RT: 4.635 min Scan# 603

Delta R.T. -0.000 min

Lab File: VX020946.D

Acq: 01 Mar 2021 19:55

Instrument :

MSVOA_X

ClientSampleId :

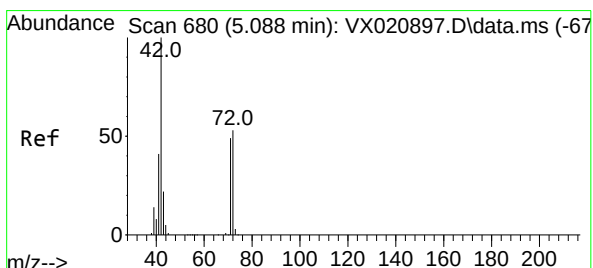
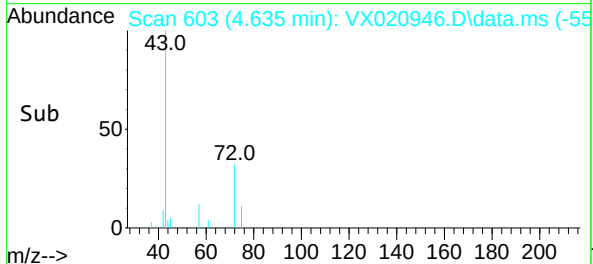
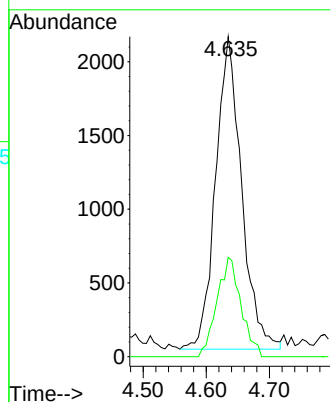
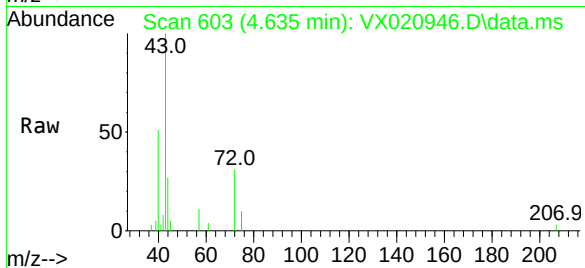
PB134860ZHE#05

Tgt Ion: 43 Resp: 6050

Ion Ratio Lower Upper

43 100

72 31.8 23.7 35.5



#29

Tetrahydrofuran

Concen: 0.33 ug/l

RT: 5.094 min Scan# 681

Delta R.T. 0.006 min

Lab File: VX020946.D

Acq: 01 Mar 2021 19:55

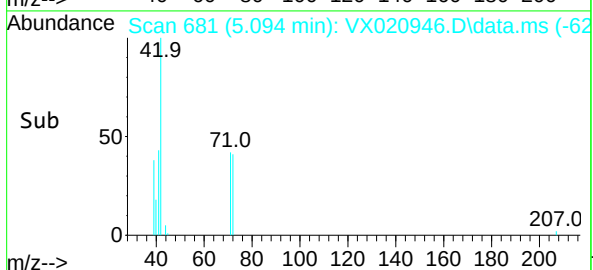
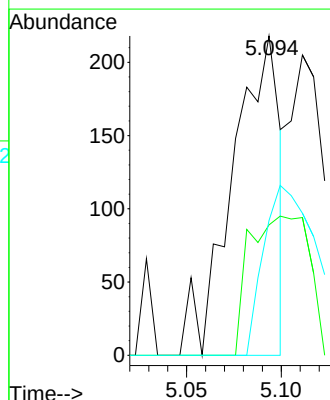
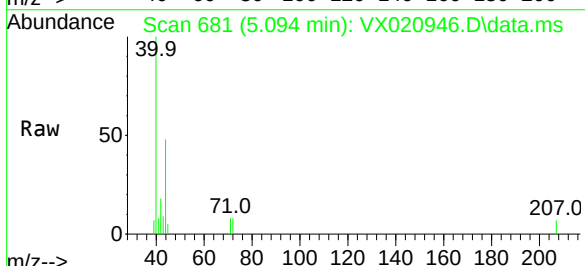
Tgt Ion: 42 Resp: 381

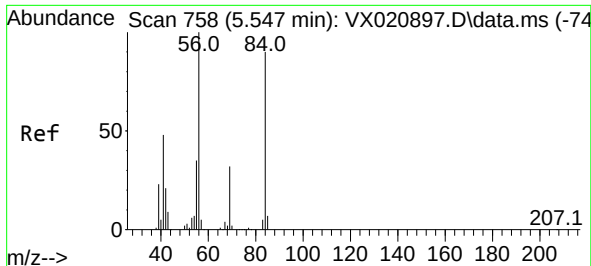
Ion Ratio Lower Upper

42 100

72 54.6 41.7 62.5

71 61.4 38.4 57.6#

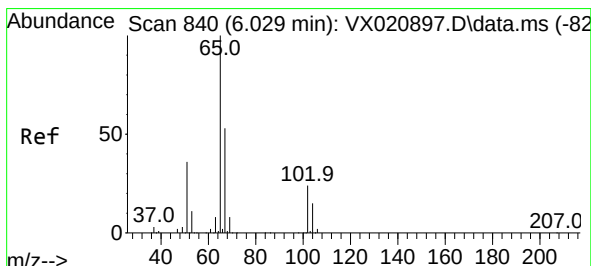
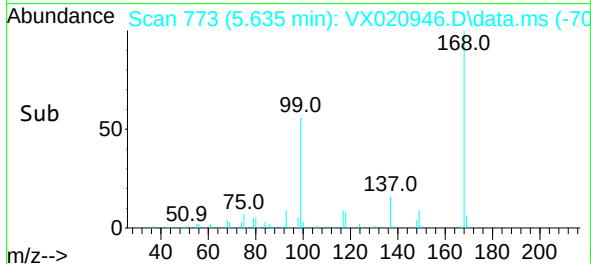
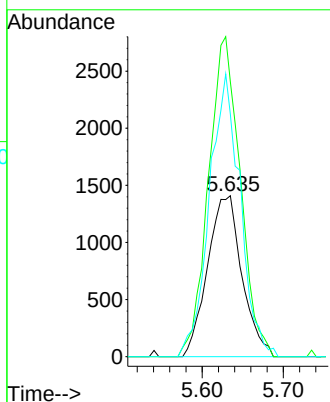
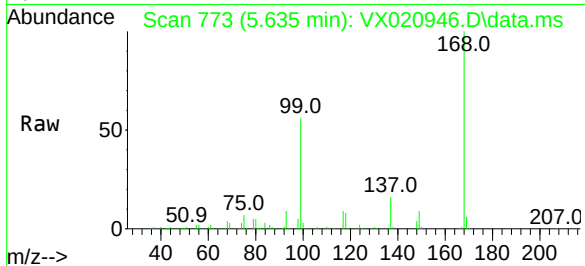




#31
Cyclohexane
Concen: 1.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

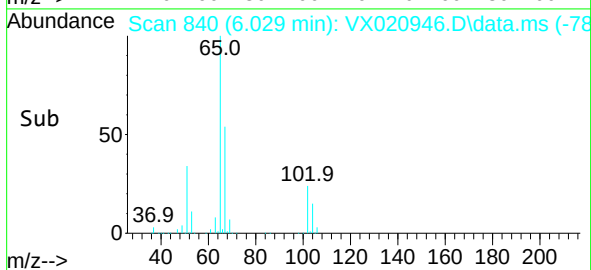
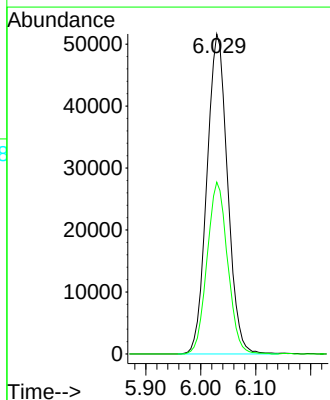
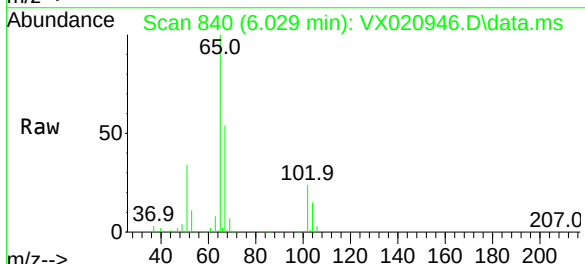
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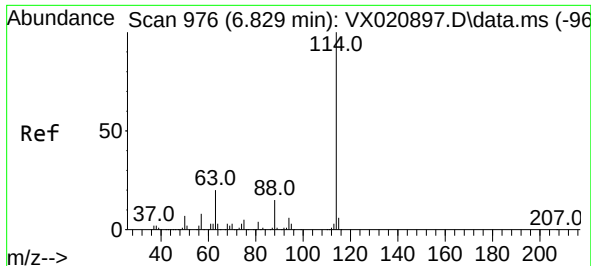
Tgt Ion: 56 Resp: 4147
Ion Ratio Lower Upper
56 100
69 170.8 25.3 37.9#
84 150.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 46.93 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

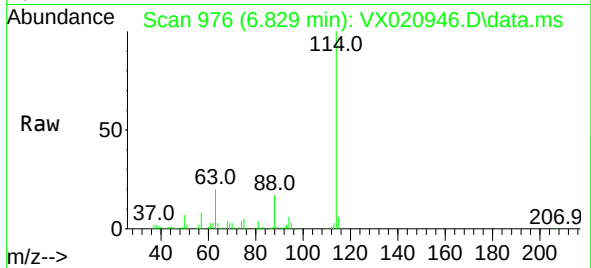
Tgt Ion: 65 Resp: 134875
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4



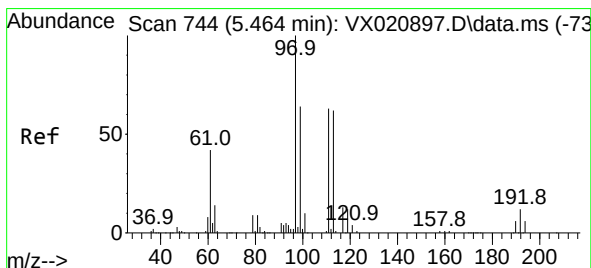
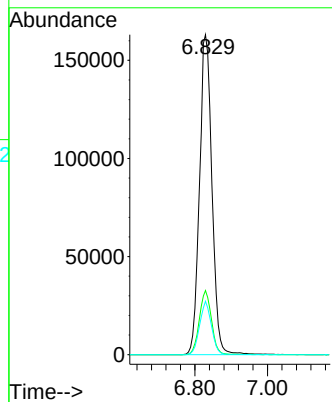
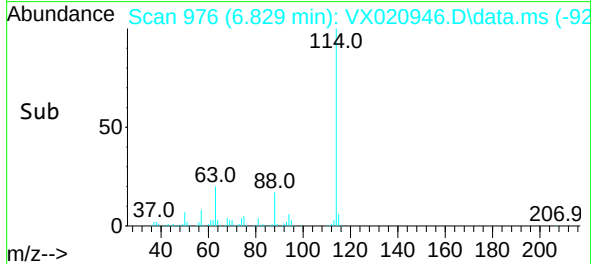


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

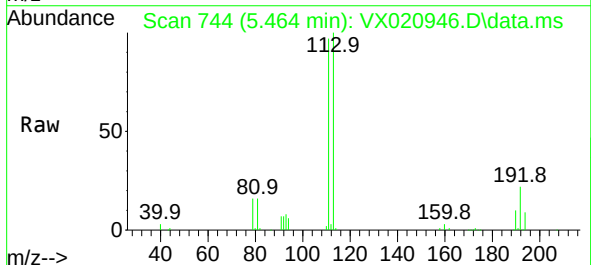
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#05



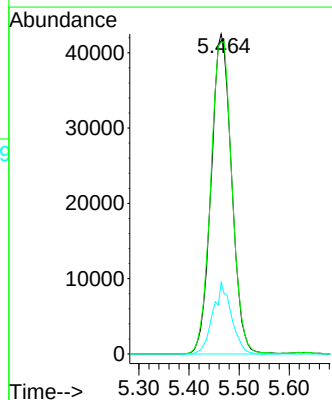
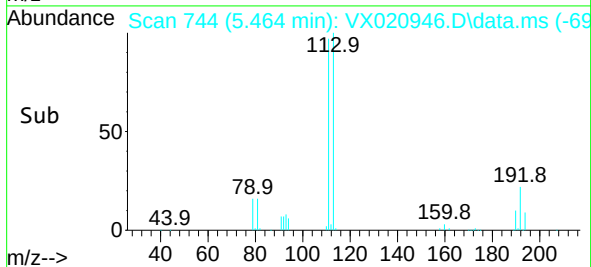
Tgt Ion:114 Resp: 388557
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 16.7 0.0 32.8

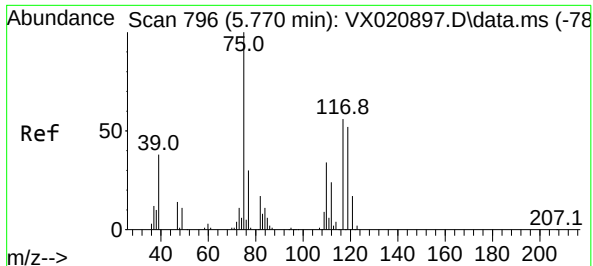


#35
Dibromofluoromethane
Concen: 51.07 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55



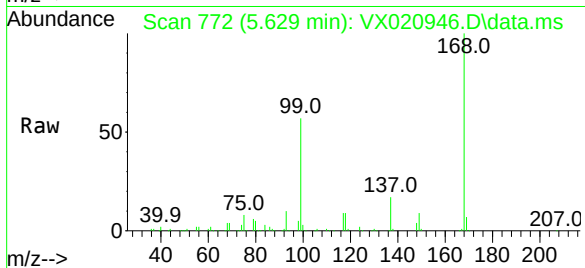
Tgt Ion:113 Resp: 120566
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 20.2 16.7 25.1



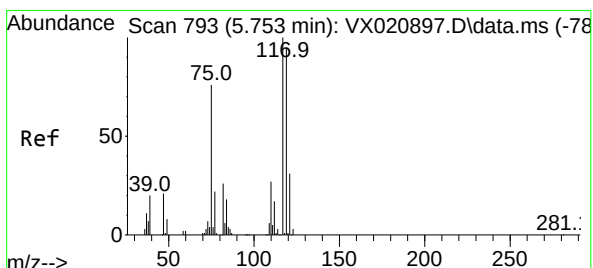
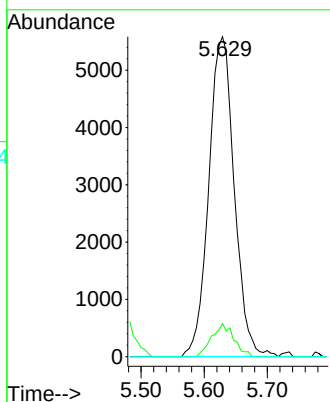
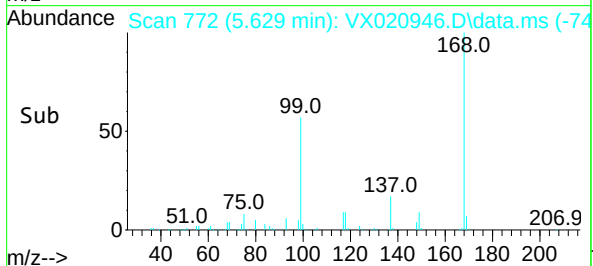


#36
1,1-Dichloropropene
Concen: 4.25 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

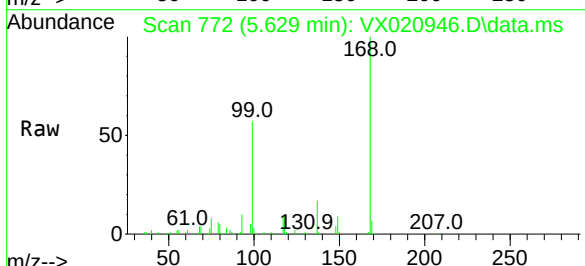
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#05



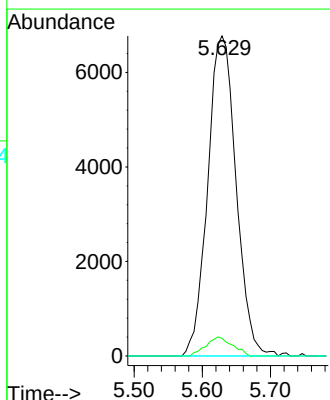
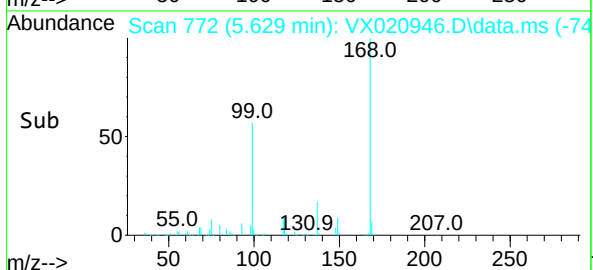
Tgt Ion: 75 Resp: 15686
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#

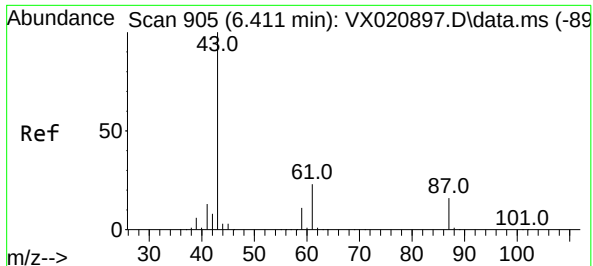


#38
Carbon Tetrachloride
Concen: 5.49 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55



Tgt Ion: 117 Resp: 19639
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

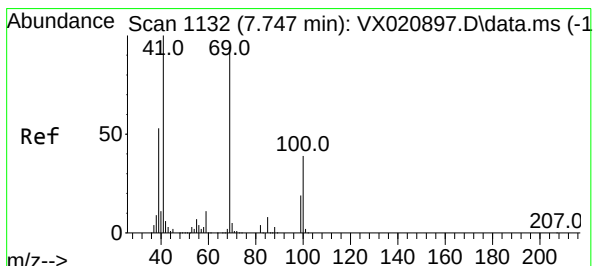
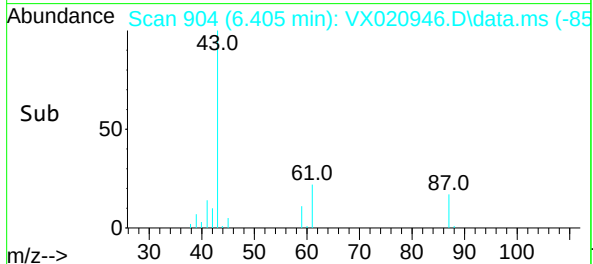
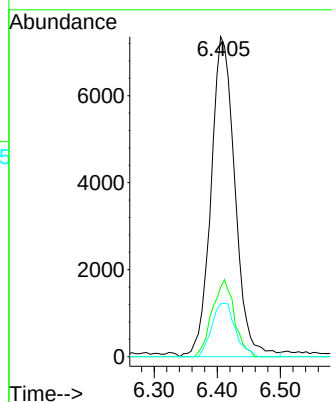
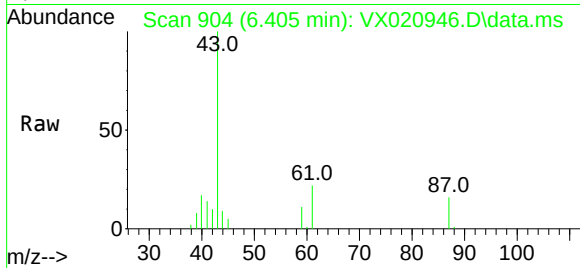




#43
Isopropyl Acetate
Concen: 3.24 ug/l
RT: 6.405 min Scan# 904
Delta R.T. -0.006 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

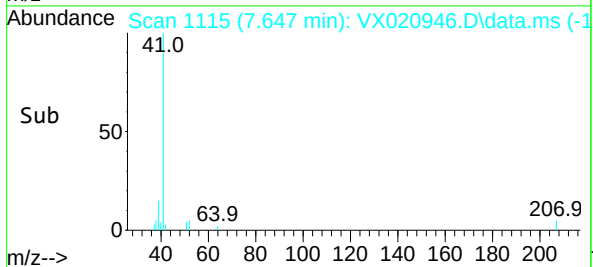
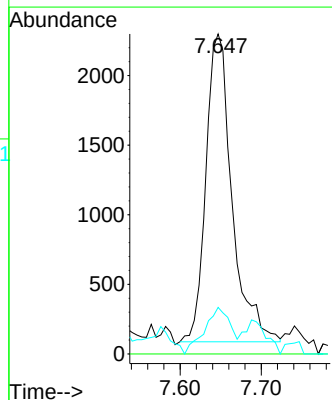
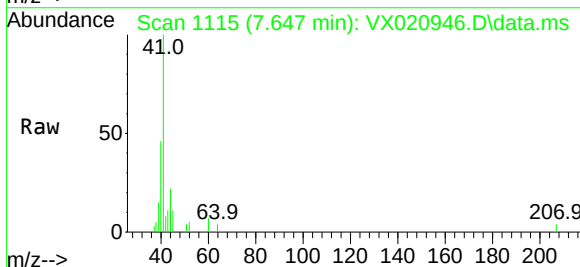
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#05

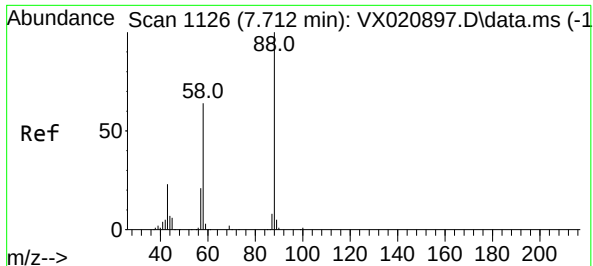
Tgt Ion: 43	Resp: 19341
Ion Ratio	Lower Upper
43 100	
61 22.3	18.2 27.4
87 16.4	12.5 18.7



#48
Methyl methacrylate
Concen: 1.65 ug/l
RT: 7.647 min Scan# 1115
Delta R.T. -0.100 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

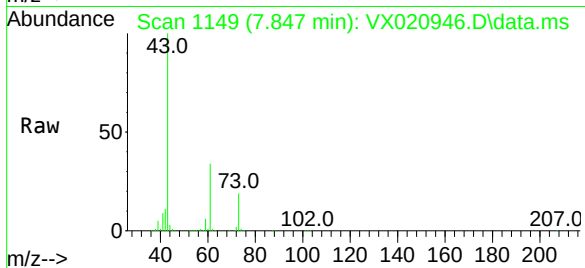
Tgt Ion: 41	Resp: 4940
Ion Ratio	Lower Upper
41 100	
69 0.0	76.0 114.0#
39 0.0	44.6 67.0#



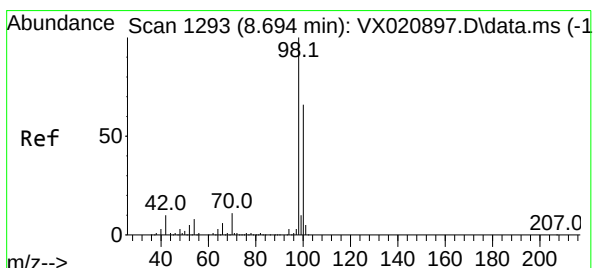
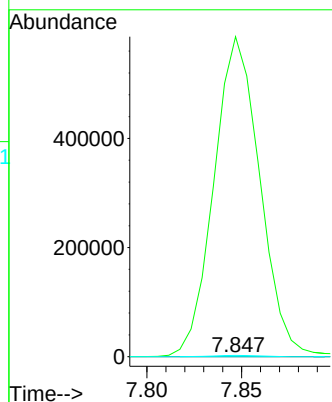
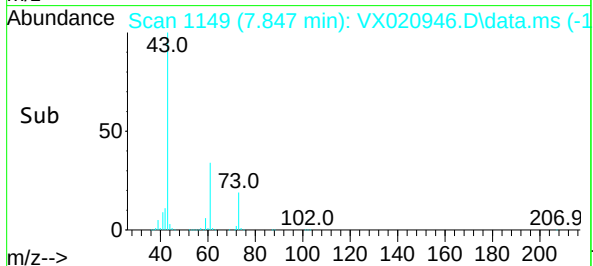


#49
1,4-Dioxane
Concen: 2.54 ug/l
RT: 7.847 min Scan# 1149
Delta R.T. 0.135 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

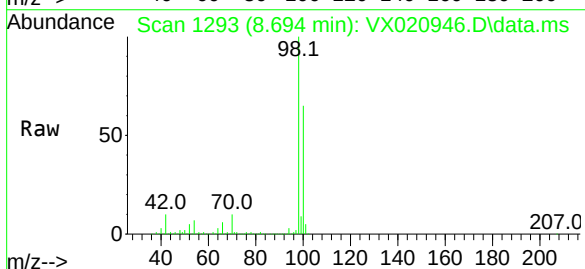
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#05



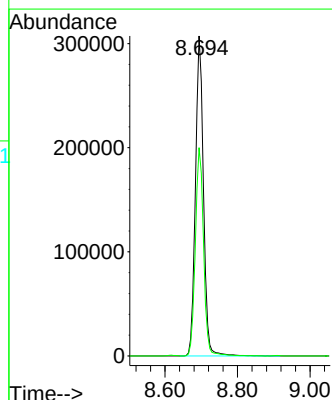
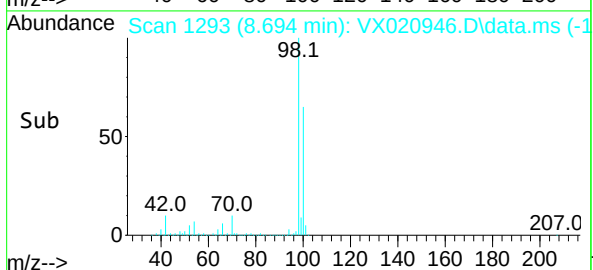
Tgt Ion: 88 Resp: 178
Ion Ratio Lower Upper
88 100
43 562292.7 23.2 34.8#
58 2427.0 55.0 82.4#

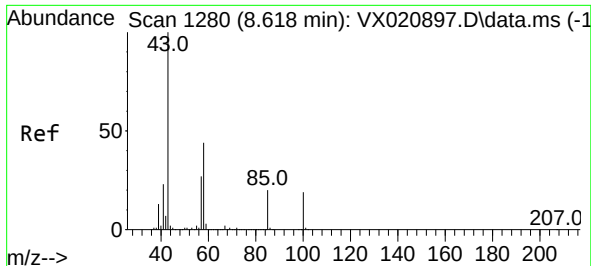


#50
Toluene-d8
Concen: 51.24 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55



Tgt Ion: 98 Resp: 471691
Ion Ratio Lower Upper
98 100
100 66.8 51.9 77.9

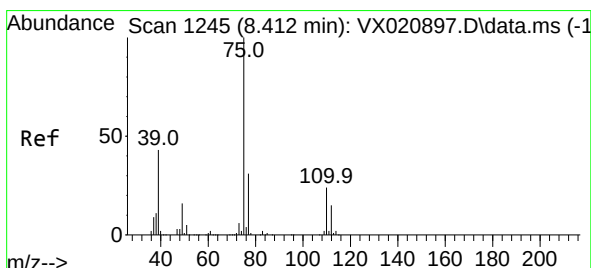
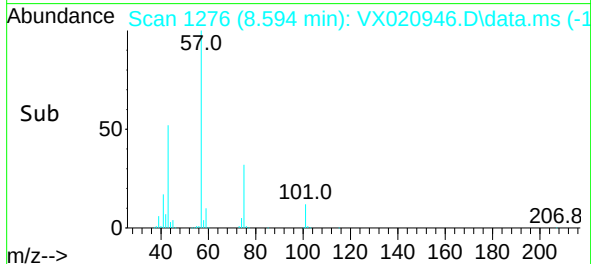
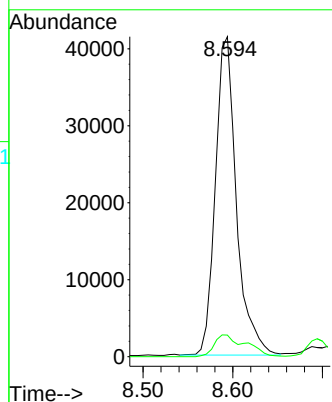
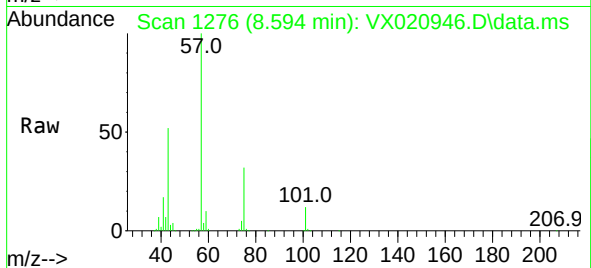




#51
4-Methyl-2-Pentanone
Concen: 19.36 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. -0.024 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

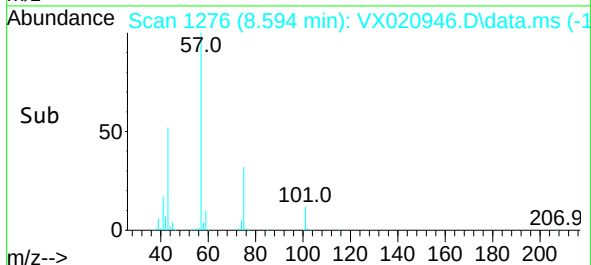
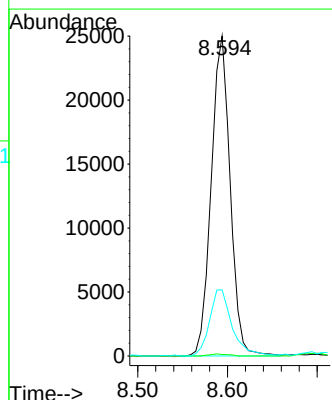
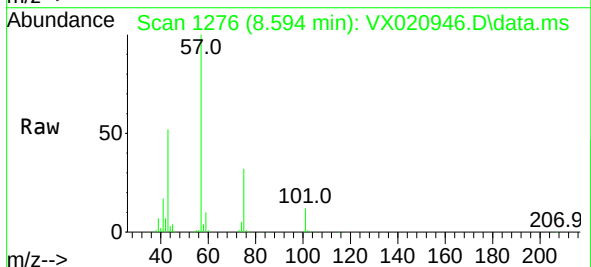
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#05

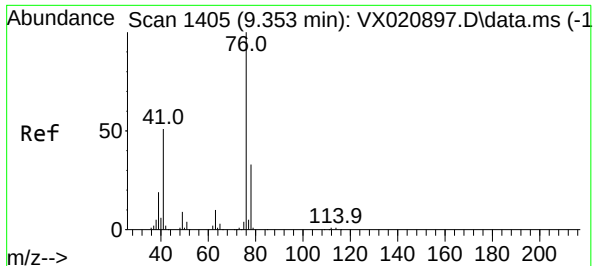
Tgt Ion: 43 Resp: 67384
Ion Ratio Lower Upper
43 100
58 10.3 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 7.68 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. 0.182 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

Tgt Ion: 75 Resp: 36700
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 20.6 35.1 52.7#

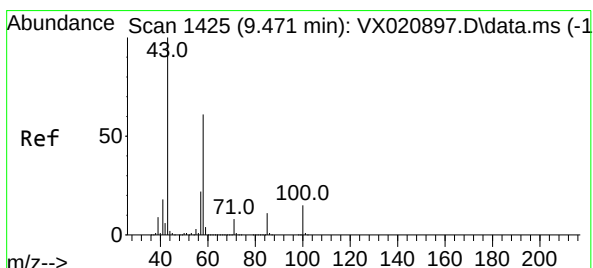
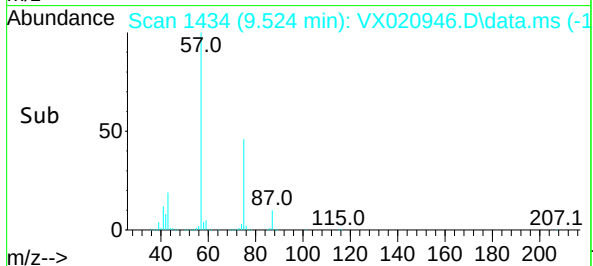
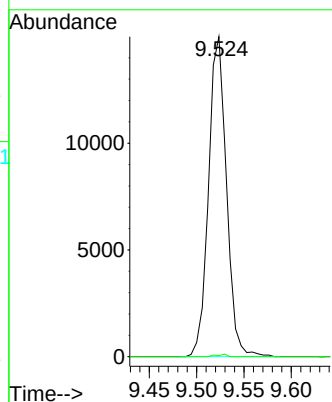
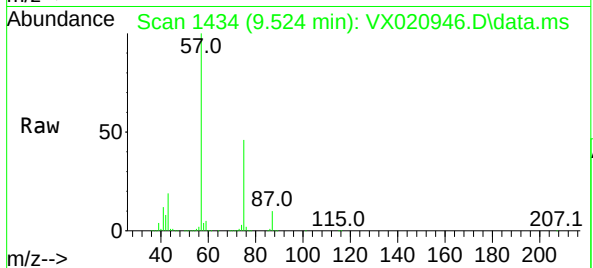




#57
1,3-Dichloropropane
Concen: 4.23 ug/l
RT: 9.524 min Scan# 1434
Delta R.T. 0.170 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

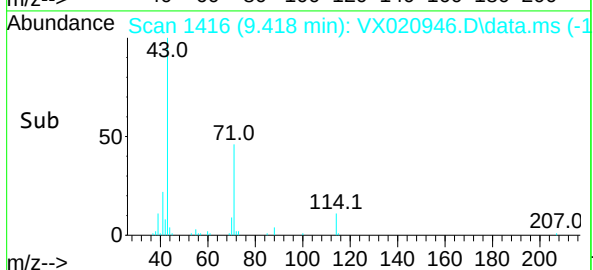
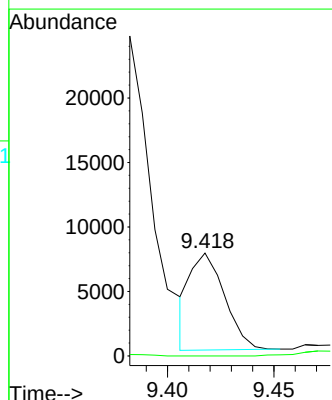
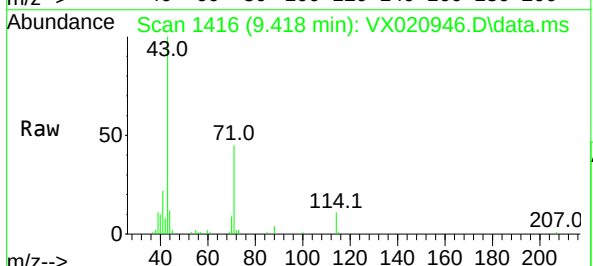
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#05

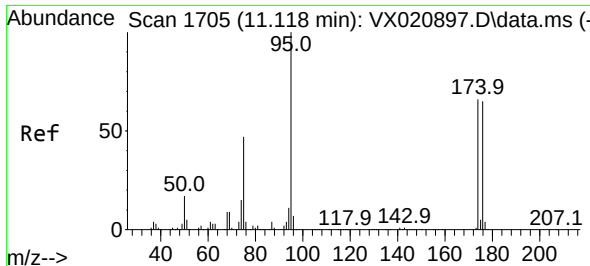
Tgt Ion: 76 Resp: 19745
Ion Ratio Lower Upper
76 100
78 0.4 26.2 39.2#



#59
2-Hexanone
Concen: 3.23 ug/l
RT: 9.418 min Scan# 1416
Delta R.T. -0.053 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

Tgt Ion: 43 Resp: 8434
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

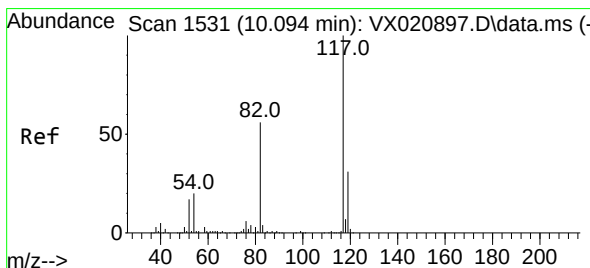
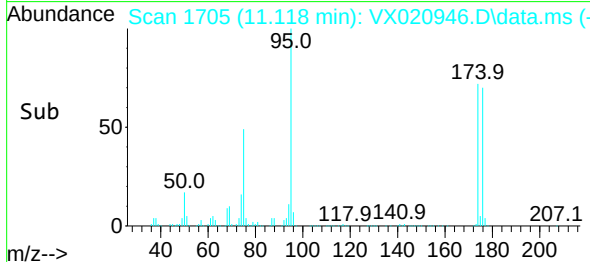
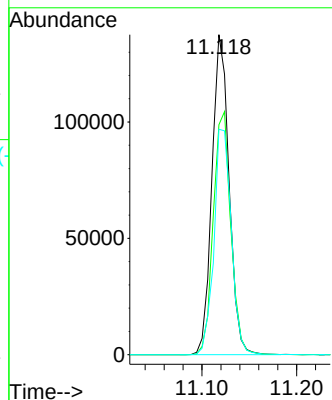
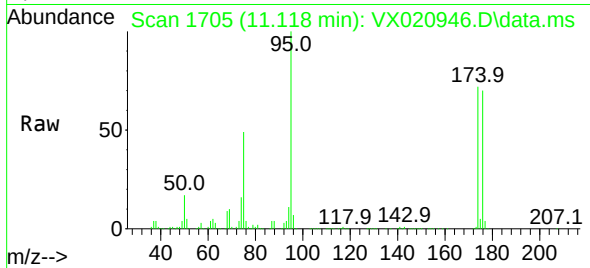




#62
4-Bromofluorobenzene
Concen: 50.84 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

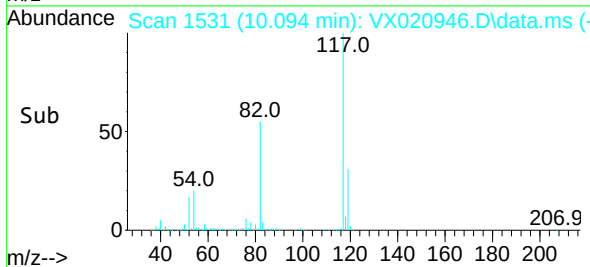
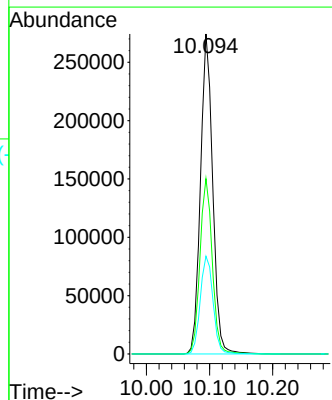
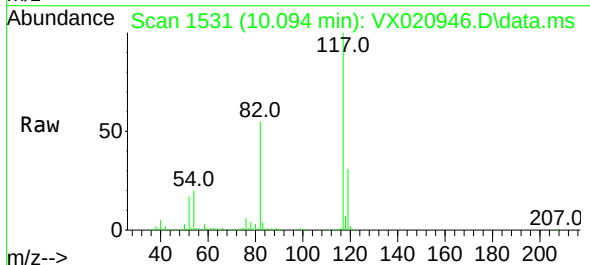
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#05

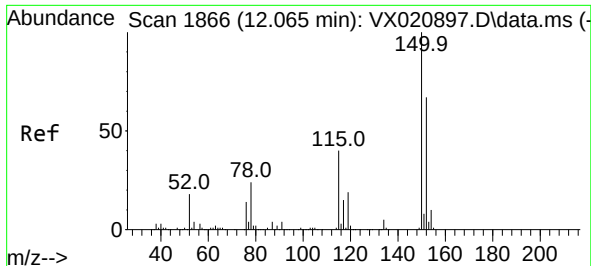
Tgt Ion: 95 Resp: 173032
Ion Ratio Lower Upper
95 100
174 77.7 0.0 154.6
176 71.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

Tgt Ion: 117 Resp: 368964
Ion Ratio Lower Upper
117 100
82 54.8 47.4 71.2
119 30.5 26.6 39.8

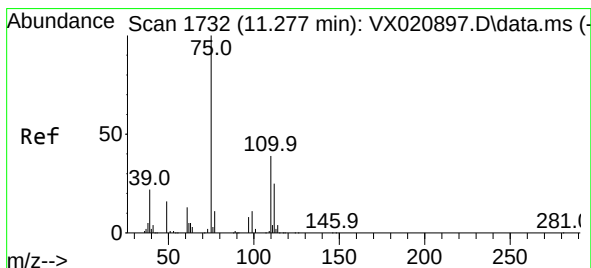
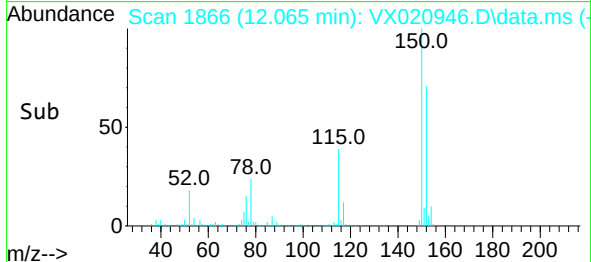
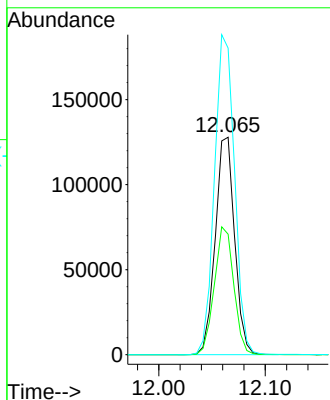
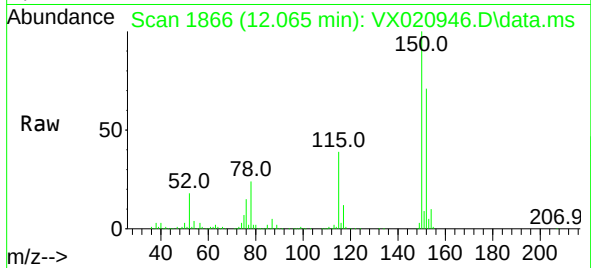




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

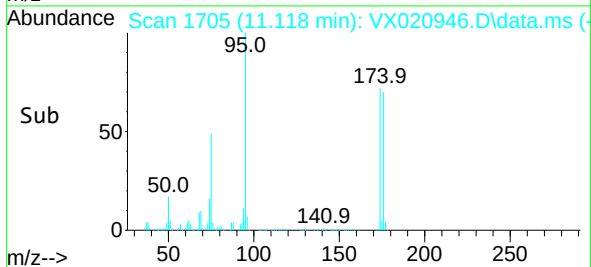
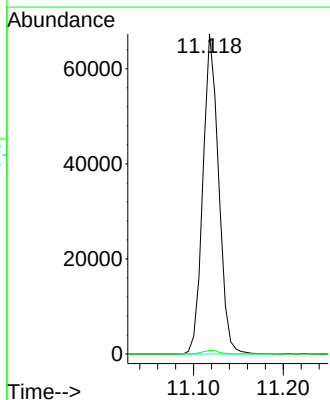
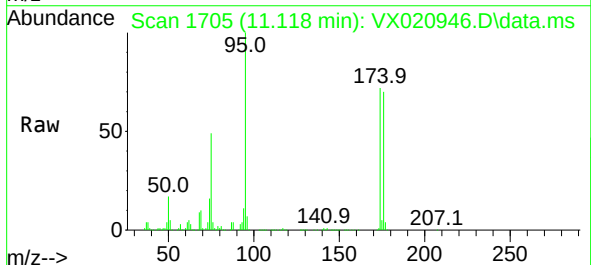
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#05

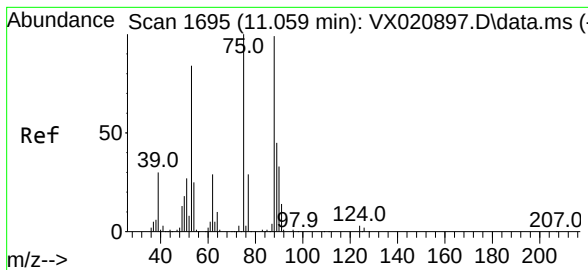
Tgt Ion:152 Resp: 161149
Ion Ratio Lower Upper
152 100
115 58.9 41.1 123.3
150 152.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.64 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020946.D
Acq: 01 Mar 2021 19:55

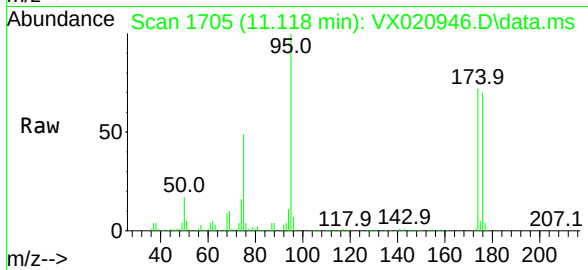
Tgt Ion: 75 Resp: 81955
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.34 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX020946.D
 Acq: 01 Mar 2021 19:55

Instrument :
 MSVOA_X
 ClientSampleId :
 PB134860ZHE#05



Tgt Ion: 75 Resp: 81955
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

