

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030221\
 Data File : VX020944.D
 Acq On : 01 Mar 2021 19:09
 Operator : JC/MD
 Sample : PB134860ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB134860ZHE#03

Quant Time: Mar 02 00:31:46 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)

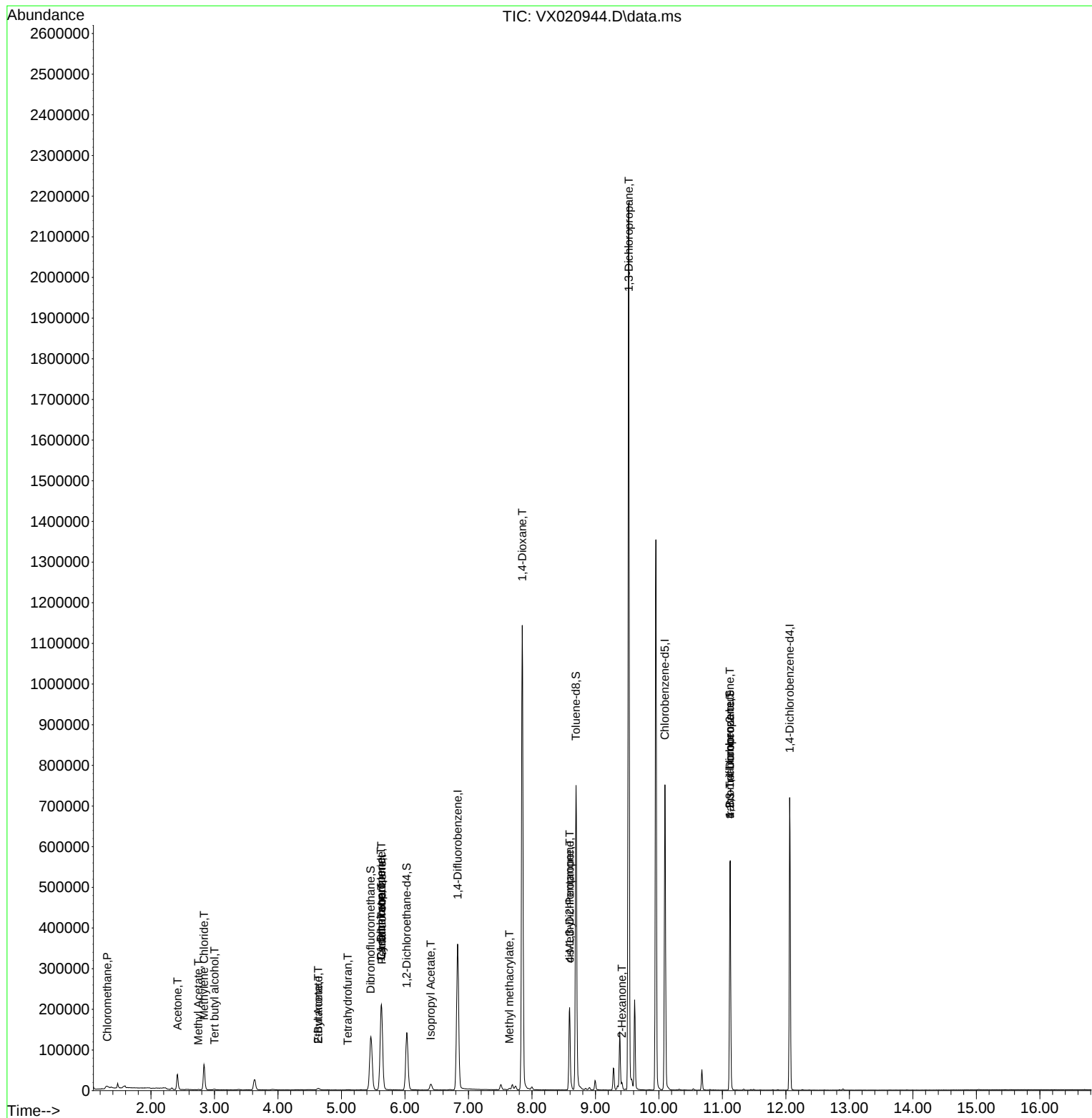
Internal Standards						
1) Pentafluorobenzene	5.635	168	211109	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	376129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	356634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	147308	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	132141	46.34	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.68%		
35) Dibromofluoromethane	5.458	113	117847	51.57	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.14%		
50) Toluene-d8	8.694	98	459724	51.59	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.18%		
62) 4-Bromofluorobenzene	11.118	95	168647	51.19	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.38%		
Target Compounds					Qvalue	
3) Chloromethane	1.311	50	530	0.21	ug/l #	42
5) Bromomethane	1.634	94	294	Below Cal		98
11) Tert butyl alcohol	2.999	59	1859	2.93	ug/l	96
16) Acetone	2.417	43	38722	32.96	ug/l	98
18) Methyl Acetate	2.746	43	925	0.33	ug/l	99
20) Methylene Chloride	2.834	84	30295	10.75	ug/l	97
25) 2-Butanone	4.635	43	6061	3.40	ug/l	91
29) Tetrahydrofuran	5.099	42	682	0.60	ug/l #	73
31) Cyclohexane	5.629	56	4019	0.97	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	15048	4.21	ug/l #	49
37) Ethyl Acetate	4.635	43	6061	1.78	ug/l #	66
38) Carbon Tetrachloride	5.629	117	19521	5.64	ug/l #	16
43) Isopropyl Acetate	6.405	43	19757	3.42	ug/l	99
48) Methyl methacrylate	7.647	41	4868	1.68	ug/l #	10
49) 1,4-Dioxane	7.847	88	178	2.63	ug/l #	1
51) 4-Methyl-2-Pentanone	8.594	43	67267	19.97	ug/l #	48
54) cis-1,3-Dichloropropene	8.594	75	37099	8.02	ug/l #	57
57) 1,3-Dichloropropane	9.523	76	19756	4.37	ug/l #	43
59) 2-Hexanone	9.418	43	8524	3.37	ug/l #	19
76) 1,2,3-Trichloropropane	11.118	75	78453	24.76	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	78453	54.81	ug/l #	12

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

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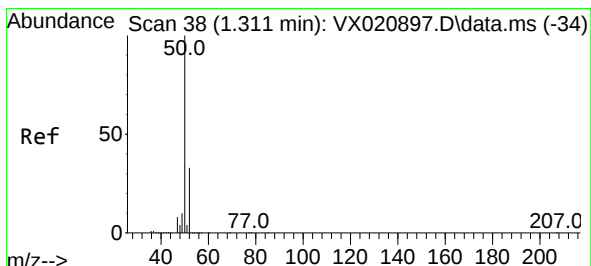
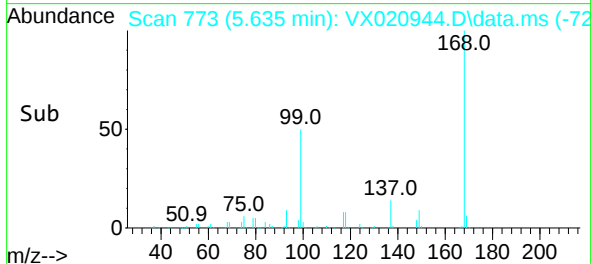
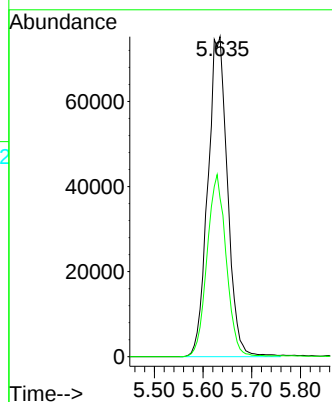
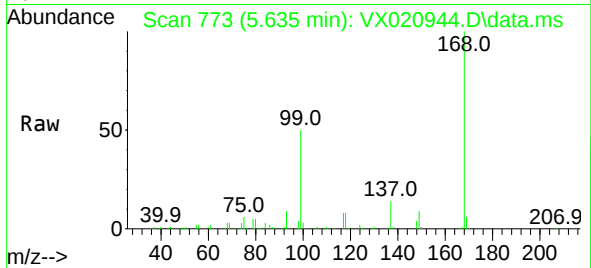




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX020944.D
Acq: 01 Mar 2021 19:09

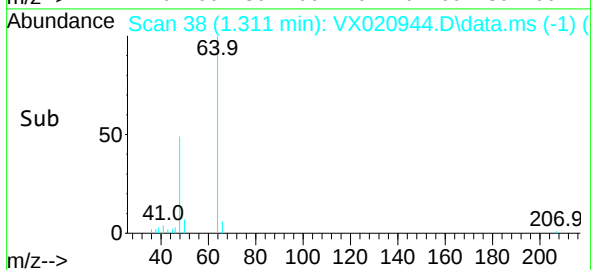
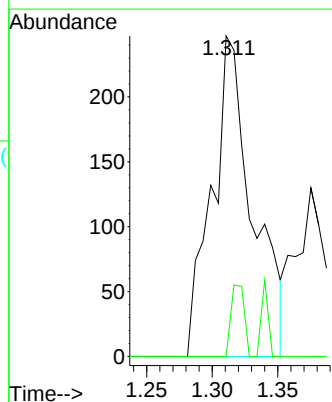
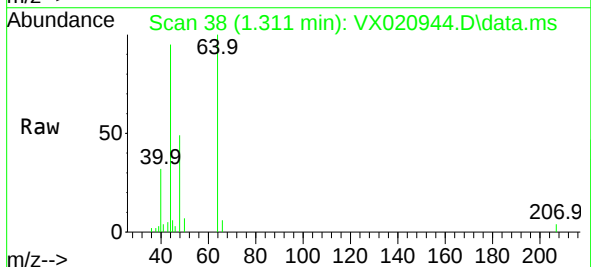
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#03

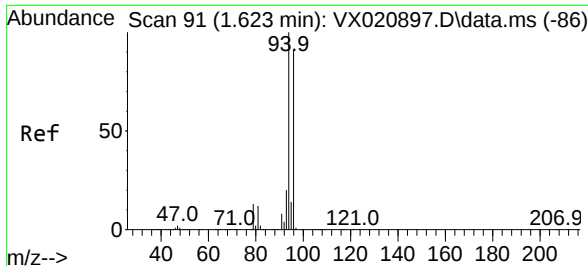
Tgt Ion:168 Resp: 211109
Ion Ratio Lower Upper
168 100
99 49.5 45.8 68.6



#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.311 min Scan# 38
Delta R.T. -0.000 min
Lab File: VX020944.D
Acq: 01 Mar 2021 19:09

Tgt Ion: 50 Resp: 530
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

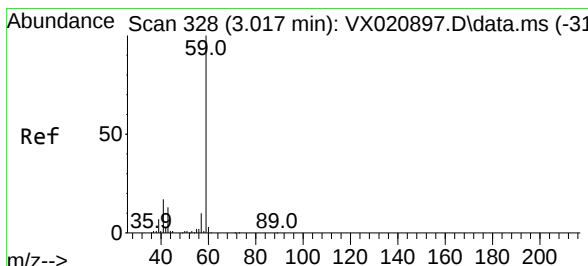
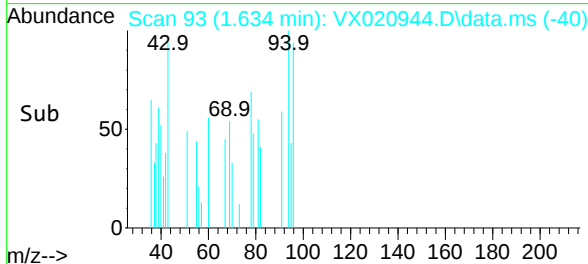
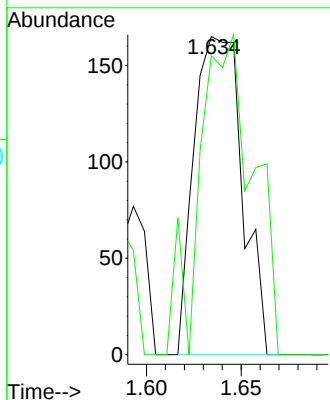
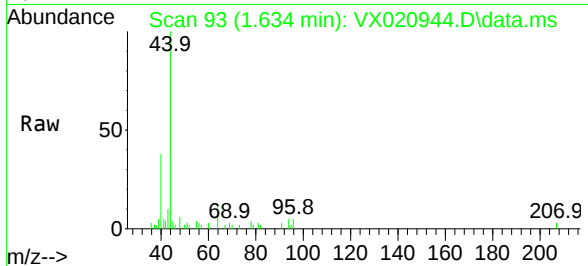




#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX020944.D
Acq: 01 Mar 2021 19:09

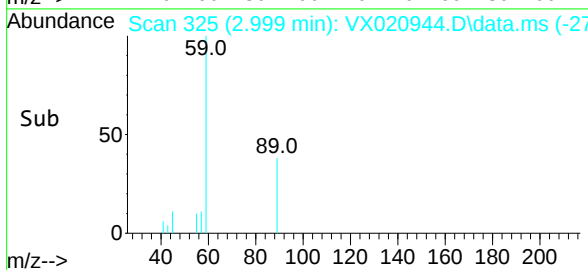
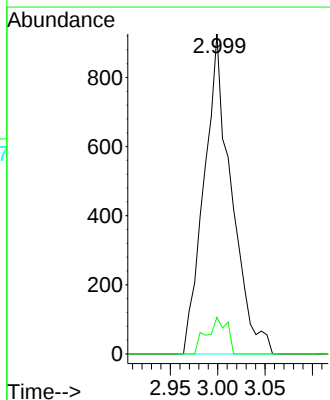
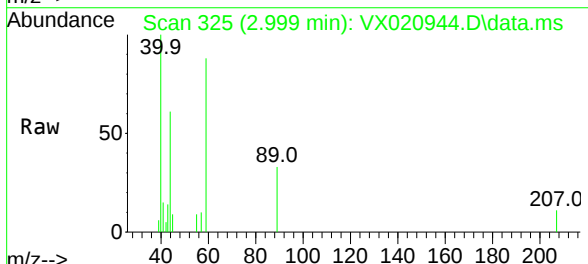
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#03

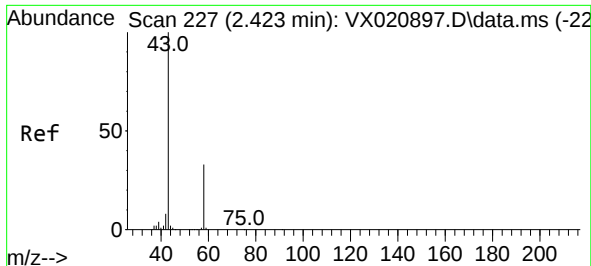
Tgt Ion: 94 Resp: 294
Ion Ratio Lower Upper
94 100
96 93.9 76.4 114.6



#11
Tert butyl alcohol
Concen: 2.93 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX020944.D
Acq: 01 Mar 2021 19:09

Tgt Ion: 59 Resp: 1859
Ion Ratio Lower Upper
59 100
57 8.4 7.8 11.8

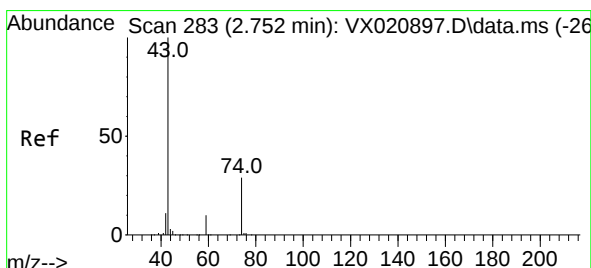
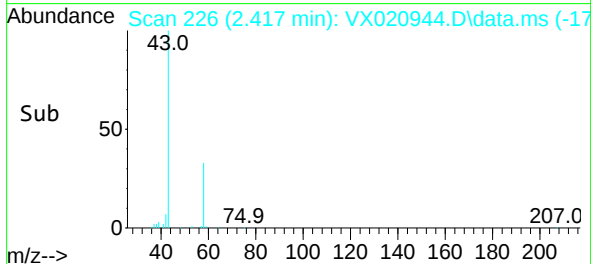
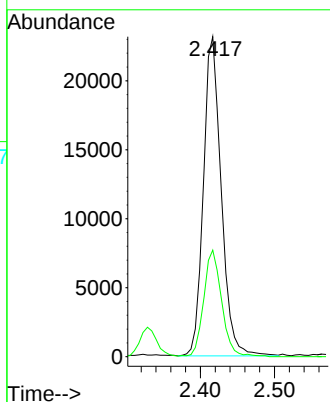
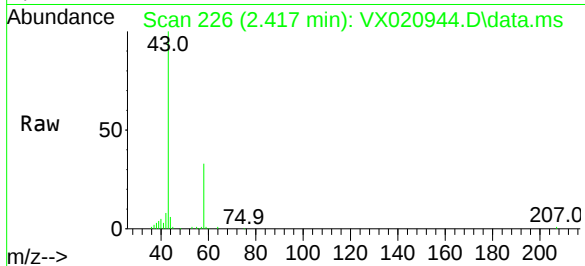




#16
Acetone
Concen: 32.96 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020944.D
Acq: 01 Mar 2021 19:09

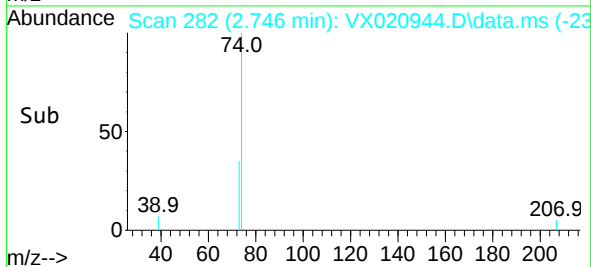
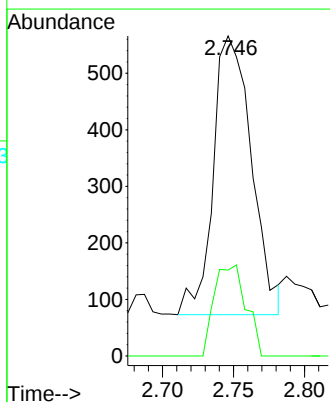
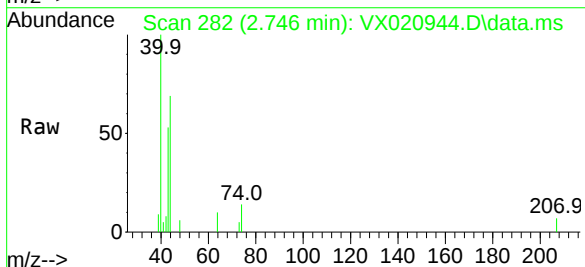
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#03

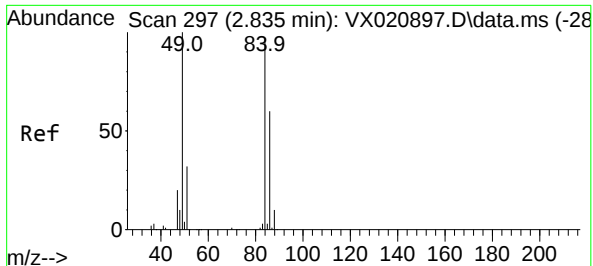
Tgt Ion: 43 Resp: 38722
Ion Ratio Lower Upper
43 100
58 33.4 27.8 41.8



#18
Methyl Acetate
Concen: 0.33 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX020944.D
Acq: 01 Mar 2021 19:09

Tgt Ion: 43 Resp: 925
Ion Ratio Lower Upper
43 100
74 27.1 21.9 32.9





#20

Methylene Chloride

Concen: 10.75 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.000 min

Lab File: VX020944.D

Acq: 01 Mar 2021 19:09

Tgt Ion: 84 Resp: 30295

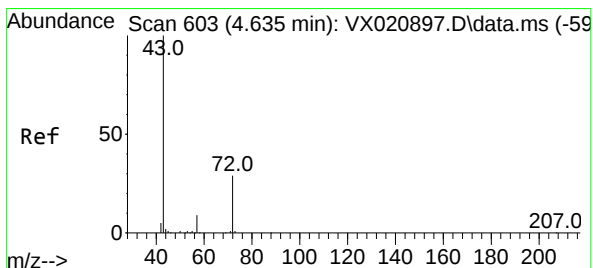
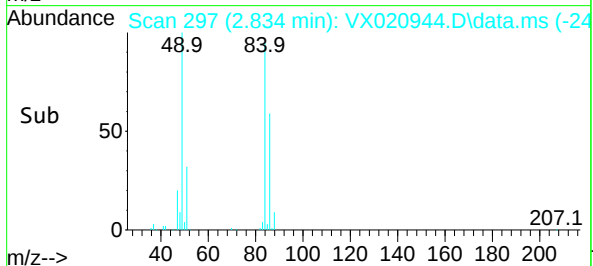
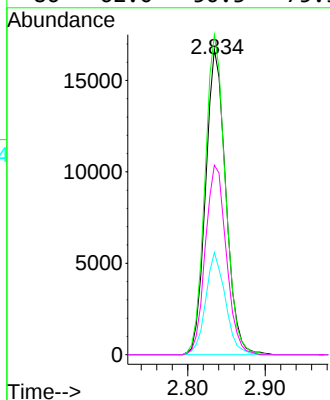
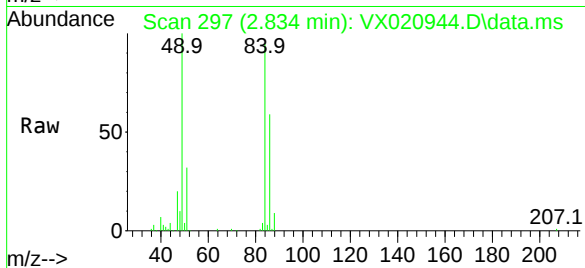
Ion Ratio Lower Upper

84 100

49 104.7 88.6 132.8

51 33.5 27.0 40.6

86 62.0 50.3 75.5



#25

2-Butanone

Concen: 3.40 ug/l

RT: 4.635 min Scan# 603

Delta R.T. -0.000 min

Lab File: VX020944.D

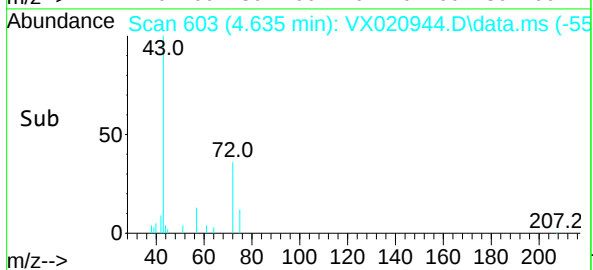
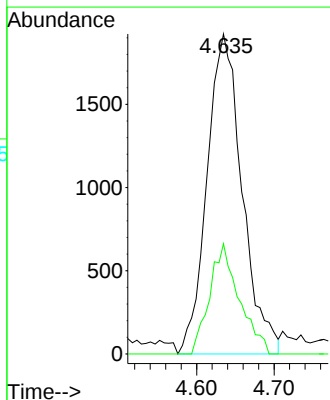
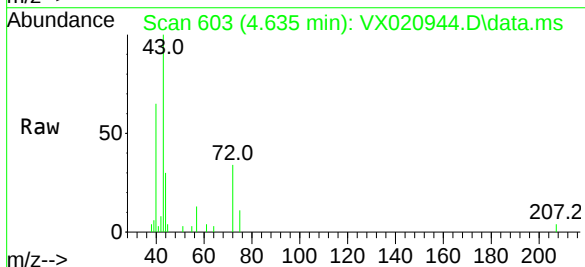
Acq: 01 Mar 2021 19:09

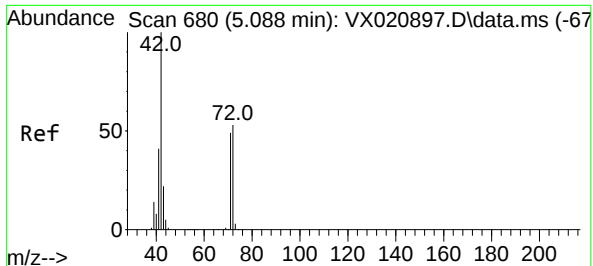
Tgt Ion: 43 Resp: 6061

Ion Ratio Lower Upper

43 100

72 34.4 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.60 ug/l

RT: 5.099 min Scan# 682

Delta R.T. 0.012 min

Lab File: VX020944.D

Acq: 01 Mar 2021 19:09

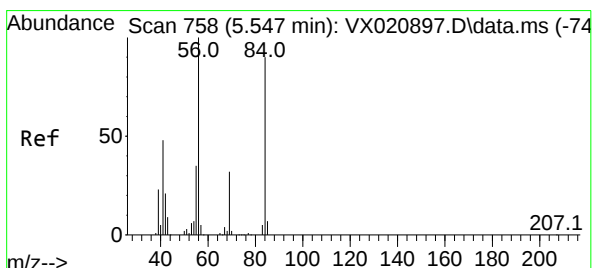
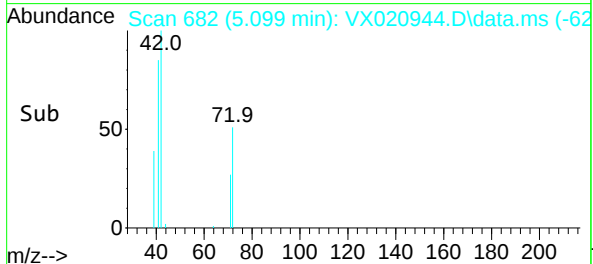
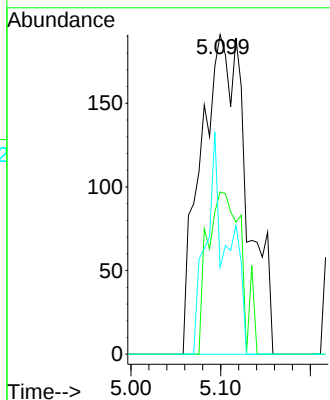
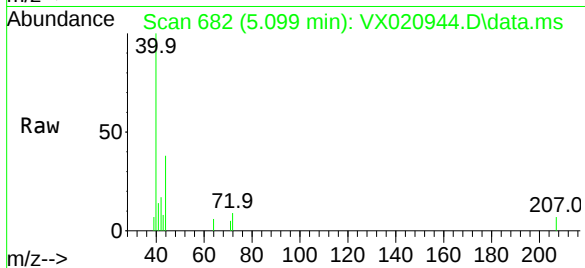
Instrument :

MSVOA_X

ClientSampleId :

PB134860ZHE#03

Tgt Ion:	42	Resp:	682
Ion	Ratio	Lower	Upper
42	100		
72	37.1	41.7	62.5#
71	26.0	38.4	57.6#



#31

Cyclohexane

Concen: 0.97 ug/l

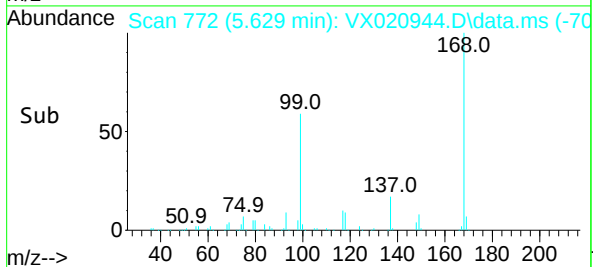
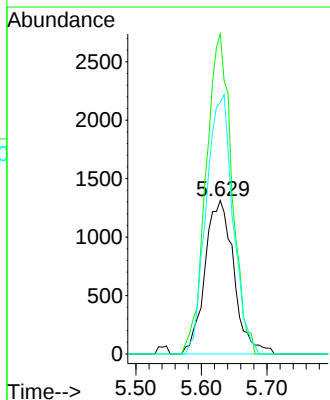
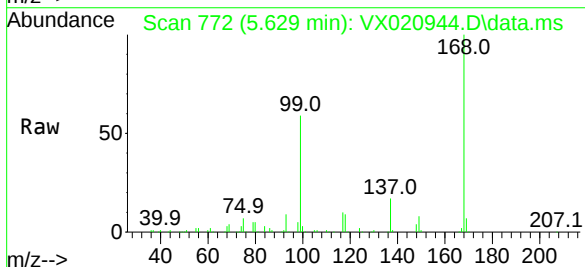
RT: 5.629 min Scan# 772

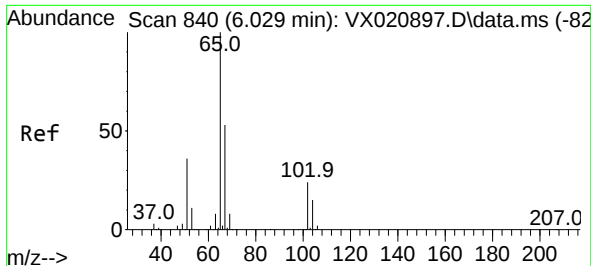
Delta R.T. 0.082 min

Lab File: VX020944.D

Acq: 01 Mar 2021 19:09

Tgt Ion:	56	Resp:	4019
Ion	Ratio	Lower	Upper
56	100		
69	208.5	25.3	37.9#
84	163.9	71.4	107.0#

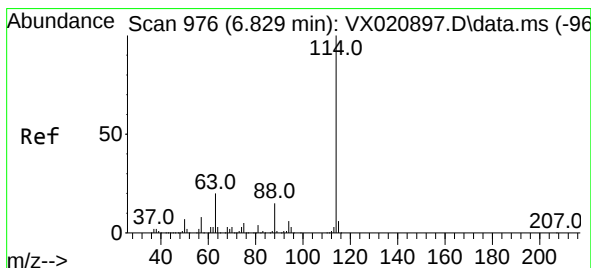
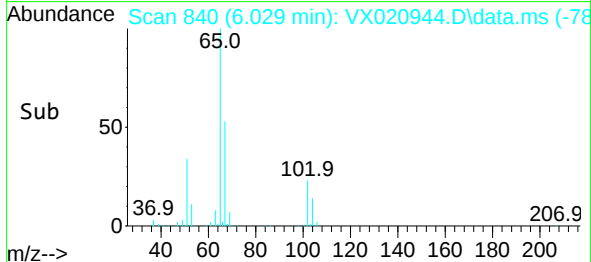
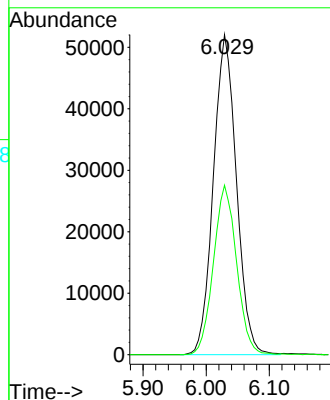
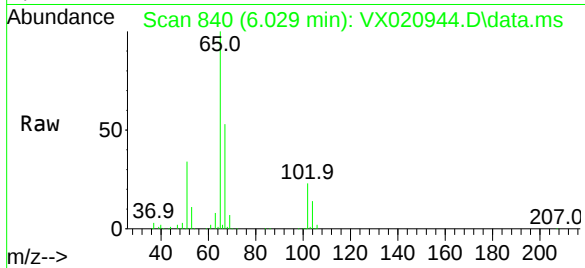




#33
 1,2-Dichloroethane-d4
 Concen: 46.34 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX020944.D
 Acq: 01 Mar 2021 19:09

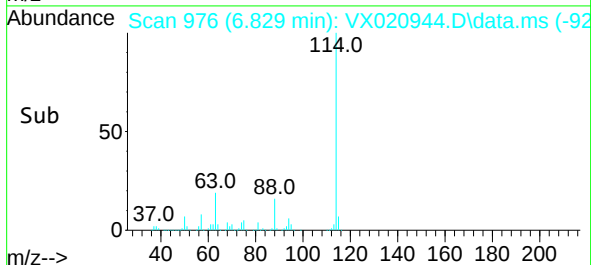
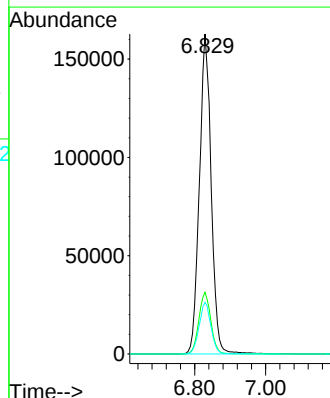
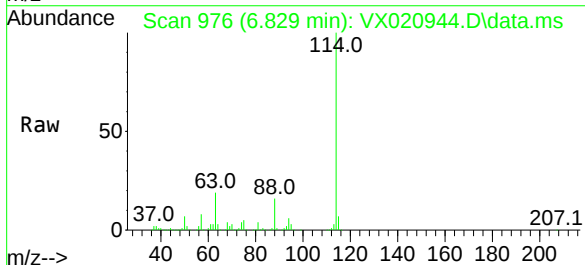
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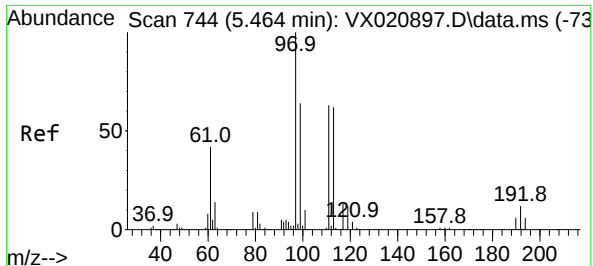
Tgt Ion: 65 Resp: 132141
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX020944.D
 Acq: 01 Mar 2021 19:09

Tgt Ion: 114 Resp: 376129
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.8
 88 16.1 0.0 32.8

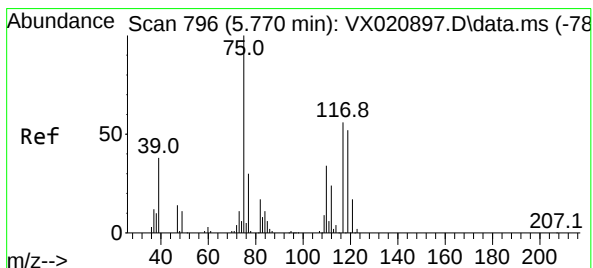
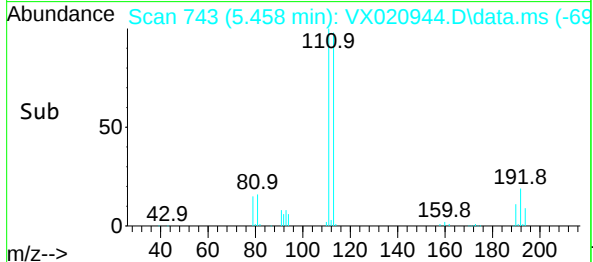
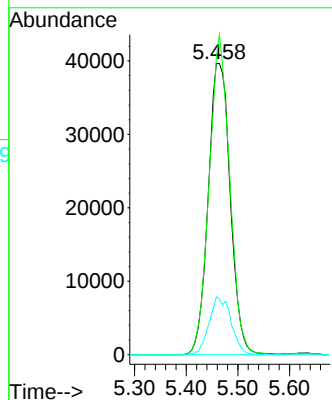
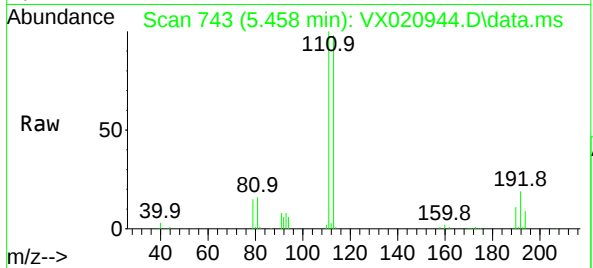




#35
Dibromofluoromethane
Concen: 51.57 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX020944.D
Acq: 01 Mar 2021 19:09

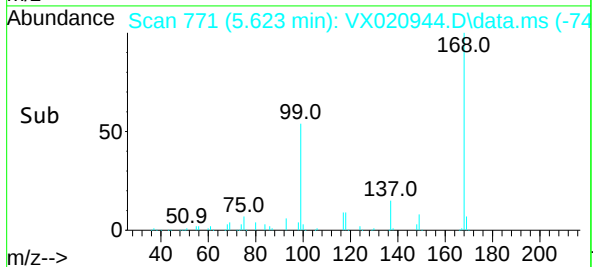
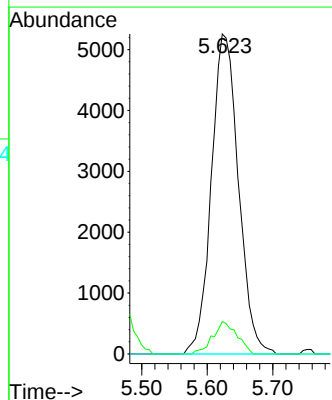
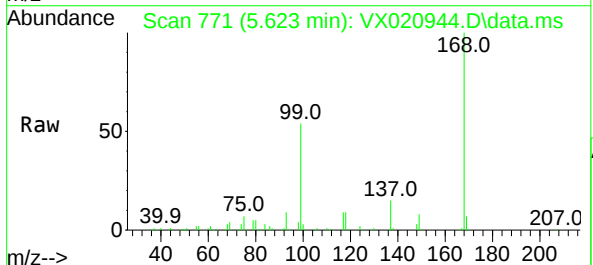
Instrument :
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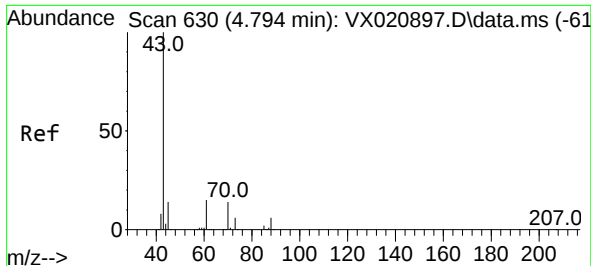
Tgt Ion:113 Resp: 117847
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 19.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.21 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX020944.D
Acq: 01 Mar 2021 19:09

Tgt Ion: 75 Resp: 15048
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 1.78 ug/l

RT: 4.635 min Scan# 603

Delta R.T. -0.159 min

Lab File: VX020944.D

Acq: 01 Mar 2021 19:09

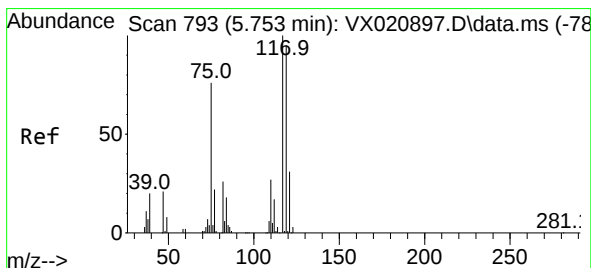
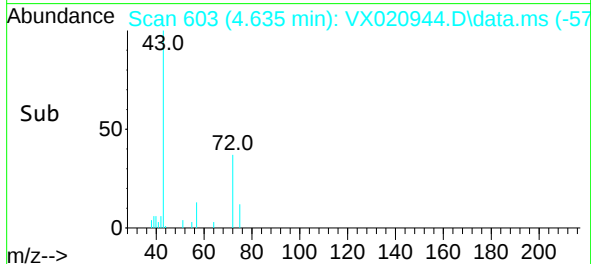
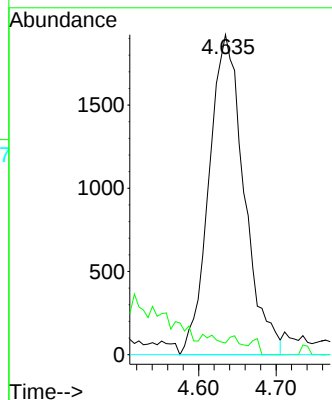
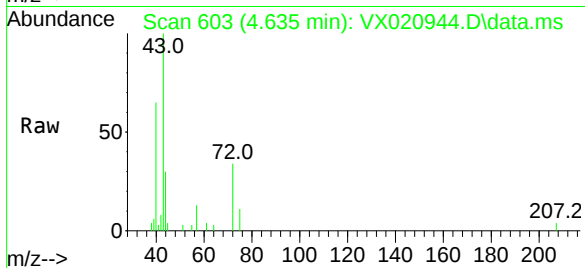
Instrument :

MSVOA_X

ClientSampleId :

PB134860ZHE#03

Tgt Ion:	43	Resp:	6061
Ion	Ratio	Lower	Upper
43	100		
61	1.4	12.8	19.2#
70	0.0	10.5	15.7#



#38

Carbon Tetrachloride

Concen: 5.64 ug/l

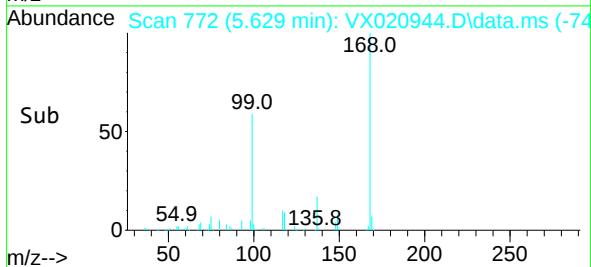
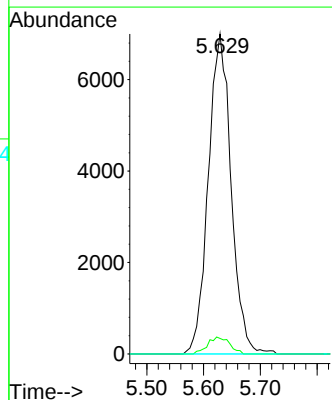
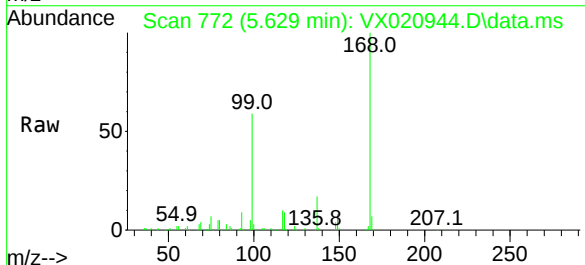
RT: 5.629 min Scan# 772

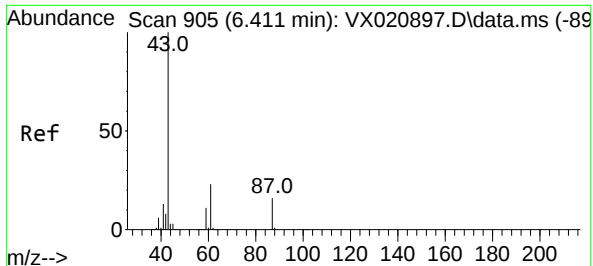
Delta R.T. -0.124 min

Lab File: VX020944.D

Acq: 01 Mar 2021 19:09

Tgt Ion:	117	Resp:	19521
Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.2	114.2#
121	0.0	24.8	37.2#

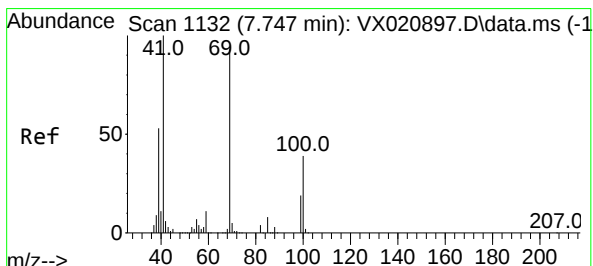
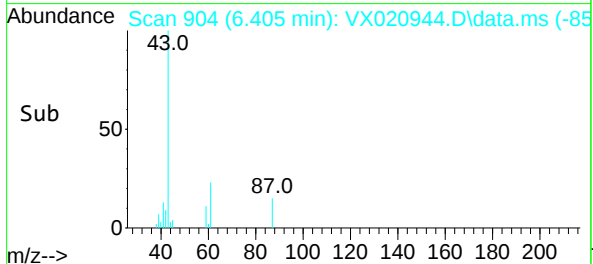
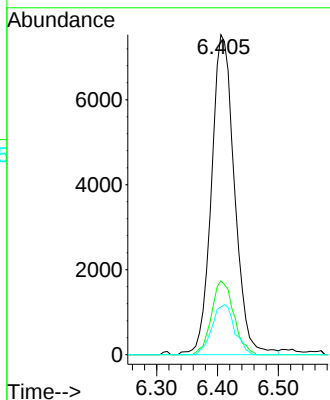
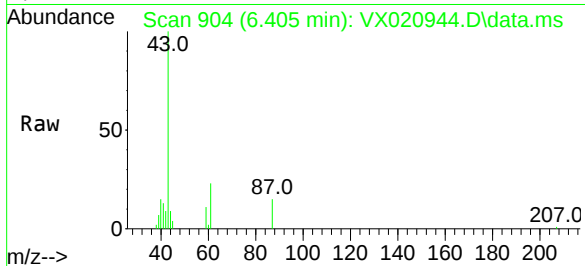




#43
Isopropyl Acetate
Concen: 3.42 ug/l
RT: 6.405 min Scan# 904
Delta R.T. -0.006 min
Lab File: VX020944.D
Acq: 01 Mar 2021 19:09

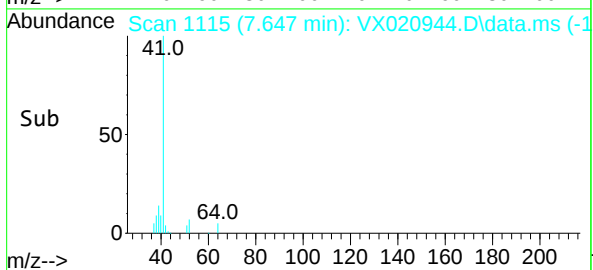
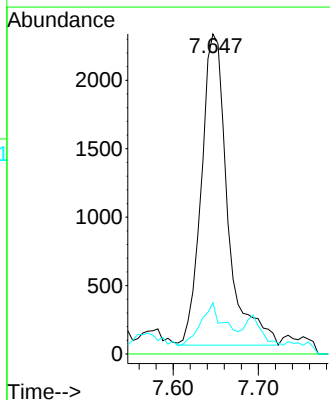
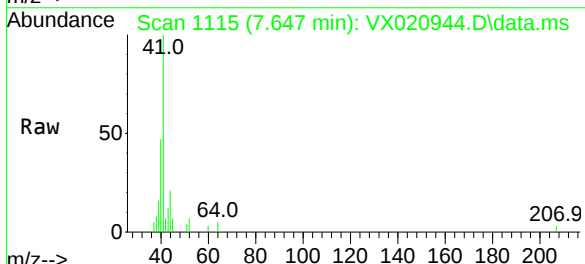
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#03

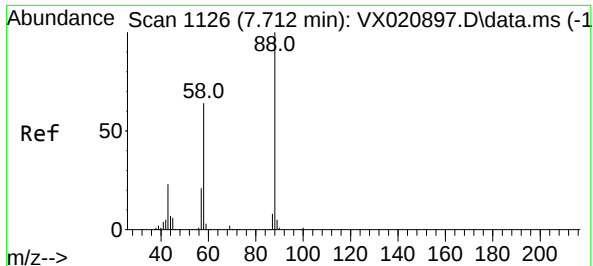
Tgt Ion: 43	Resp: 19757
Ion Ratio	Lower Upper
43 100	
61 22.3	18.2 27.4
87 15.3	12.5 18.7



#48
Methyl methacrylate
Concen: 1.68 ug/l
RT: 7.647 min Scan# 1115
Delta R.T. -0.100 min
Lab File: VX020944.D
Acq: 01 Mar 2021 19:09

Tgt Ion: 41	Resp: 4868
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: 2.63 ug/l

RT: 7.847 min Scan# 1149

Delta R.T. 0.135 min

Lab File: VX020944.D

Acq: 01 Mar 2021 19:09

Tgt Ion: 88 Resp: 178

Ion Ratio Lower Upper

88 100

43 560905.6 23.2 34.8#

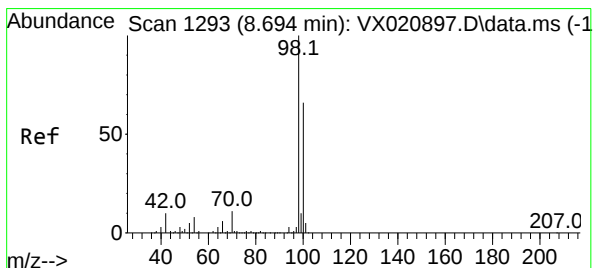
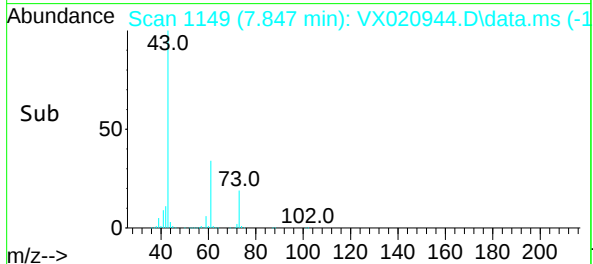
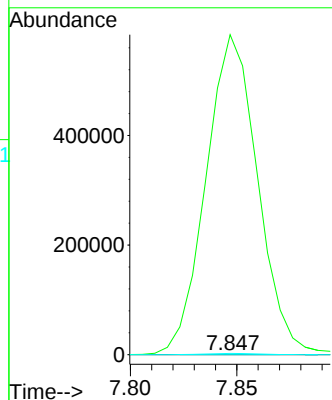
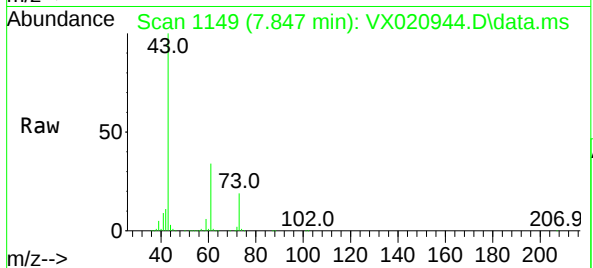
58 2397.2 55.0 82.4#

Instrument :

MSVOA_X

ClientSampleId :

PB134860ZHE#03



#50

Toluene-d8

Concen: 51.59 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. -0.000 min

Lab File: VX020944.D

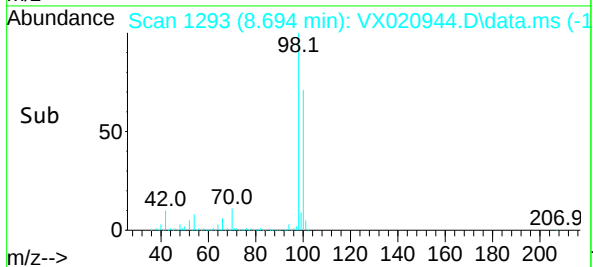
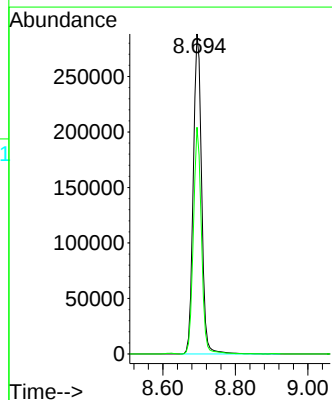
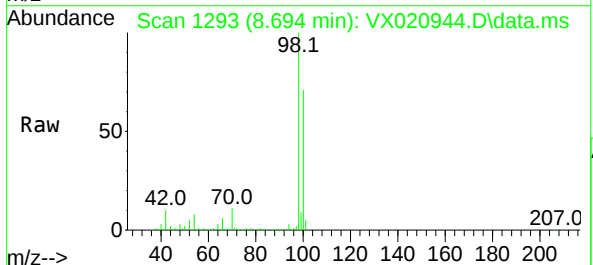
Acq: 01 Mar 2021 19:09

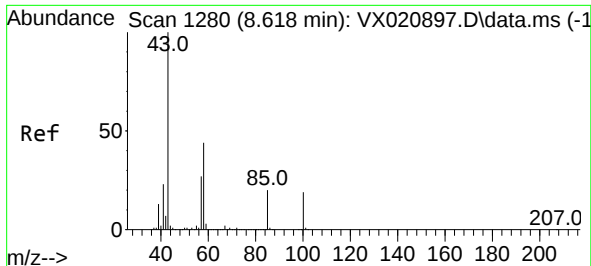
Tgt Ion: 98 Resp: 459724

Ion Ratio Lower Upper

98 100

100 68.3 51.9 77.9

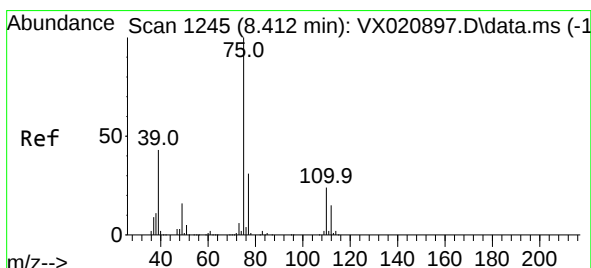
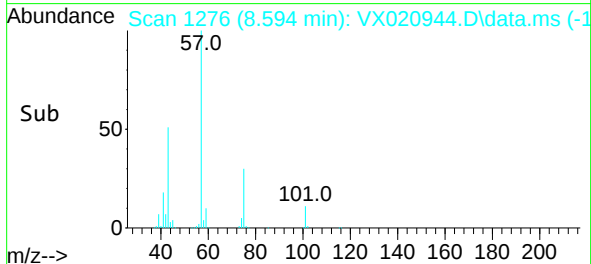
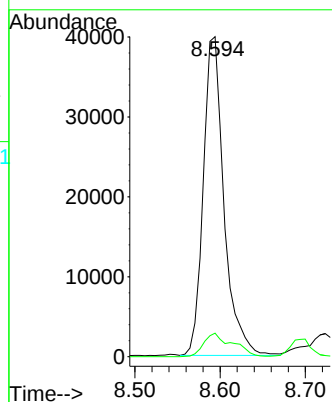
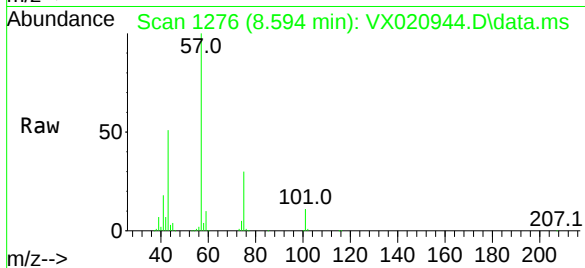




#51
4-Methyl-2-Pentanone
Concen: 19.97 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. -0.024 min
Lab File: VX020944.D
Acq: 01 Mar 2021 19:09

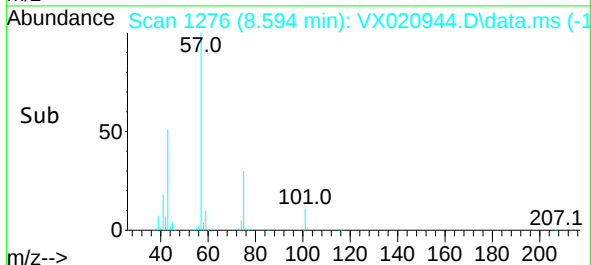
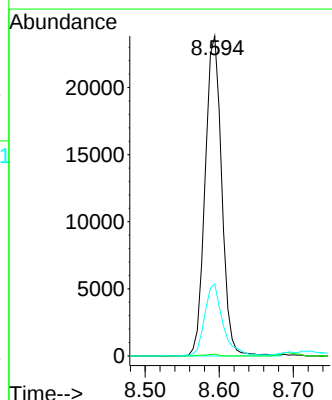
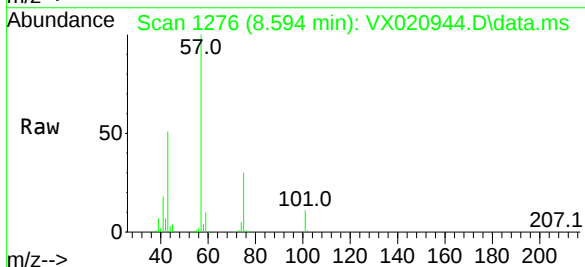
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#03

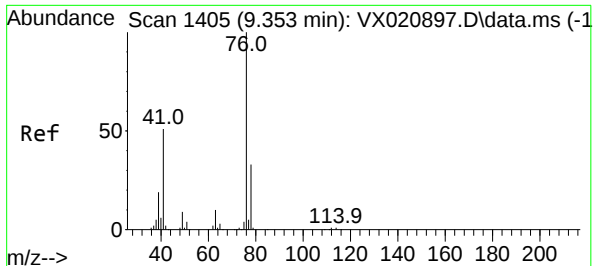
Tgt Ion: 43 Resp: 67267
Ion Ratio Lower Upper
43 100
58 10.4 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 8.02 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. 0.182 min
Lab File: VX020944.D
Acq: 01 Mar 2021 19:09

Tgt Ion: 75 Resp: 37099
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 22.5 35.1 52.7#

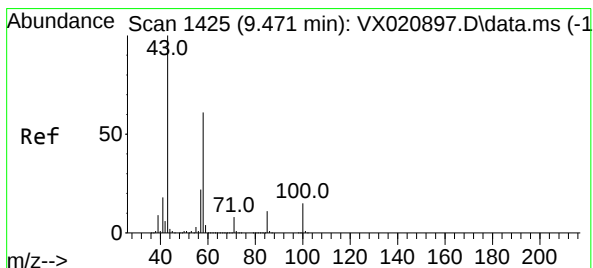
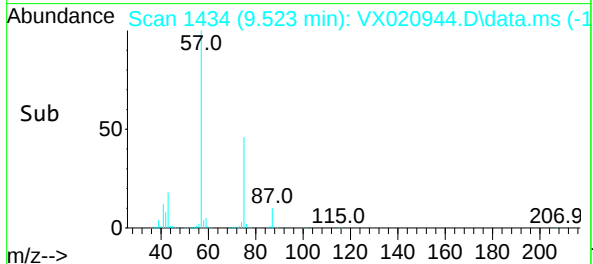
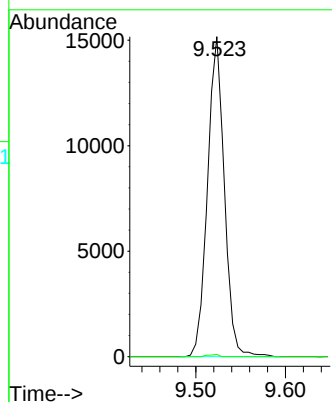
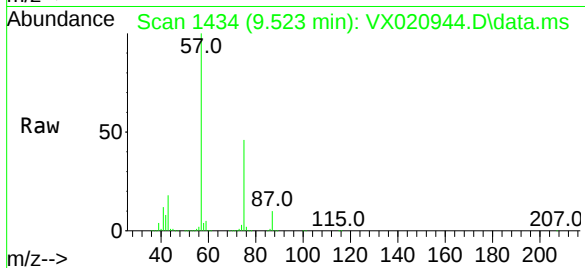




#57
1,3-Dichloropropane
Concen: 4.37 ug/l
RT: 9.523 min Scan# 1434
Delta R.T. 0.170 min
Lab File: VX020944.D
Acq: 01 Mar 2021 19:09

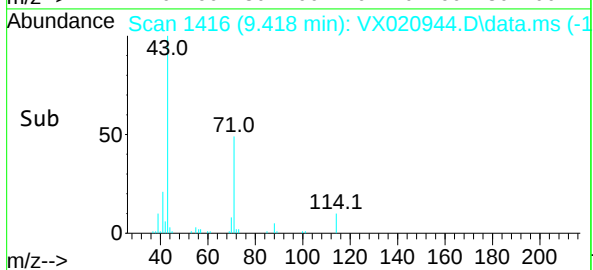
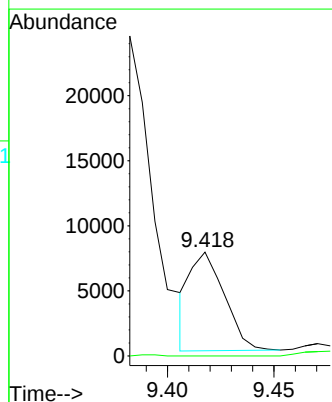
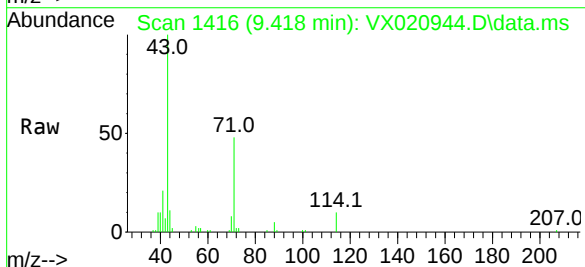
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#03

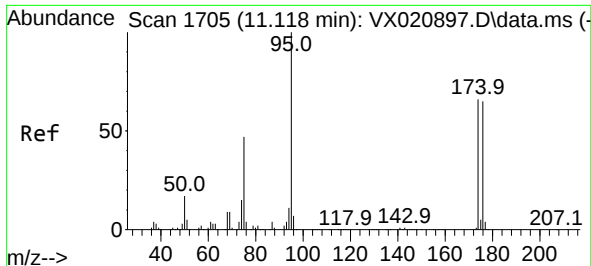
Tgt Ion: 76 Resp: 19756
Ion Ratio Lower Upper
76 100
78 0.4 26.2 39.2#



#59
2-Hexanone
Concen: 3.37 ug/l
RT: 9.418 min Scan# 1416
Delta R.T. -0.053 min
Lab File: VX020944.D
Acq: 01 Mar 2021 19:09

Tgt Ion: 43 Resp: 8524
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

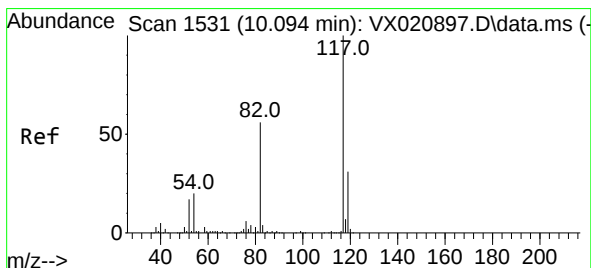
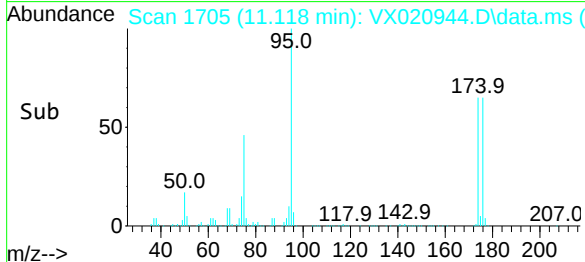
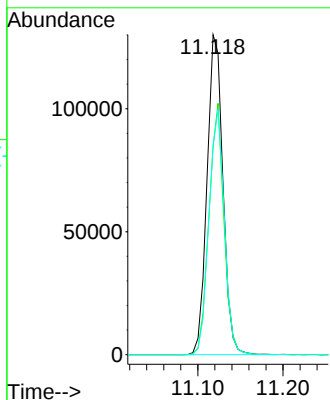
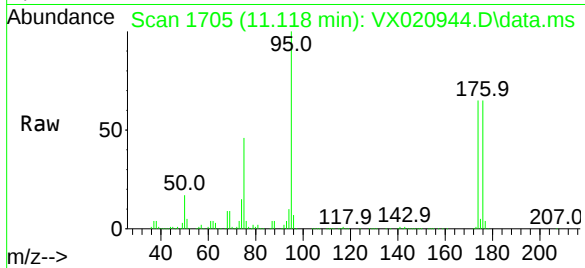




#62
4-Bromofluorobenzene
Concen: 51.19 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020944.D
Acq: 01 Mar 2021 19:09

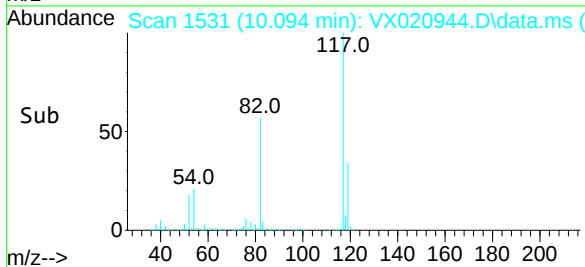
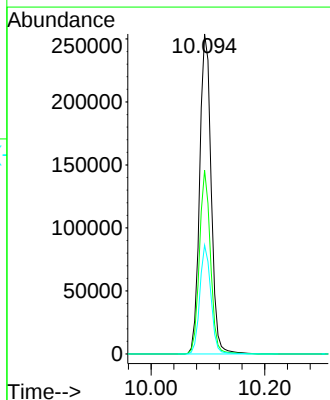
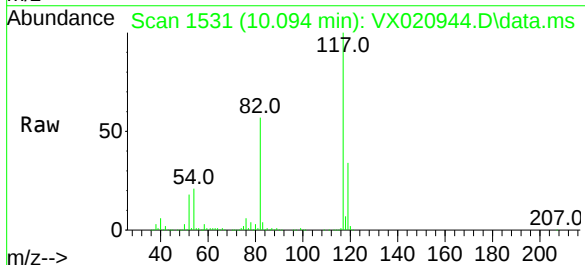
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#03

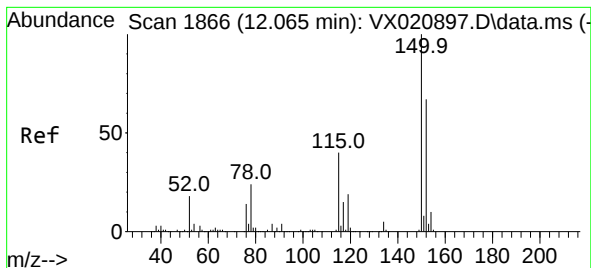
Tgt Ion: 95 Resp: 168647
Ion Ratio Lower Upper
95 100
174 74.0 0.0 154.6
176 74.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020944.D
Acq: 01 Mar 2021 19:09

Tgt Ion: 117 Resp: 356634
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 34.0 26.6 39.8

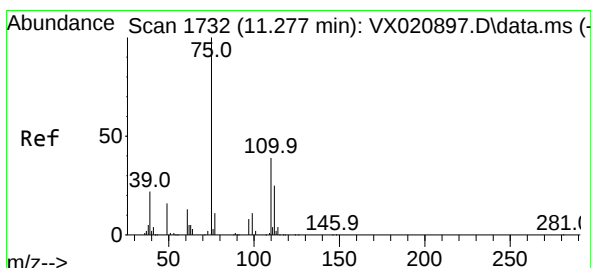
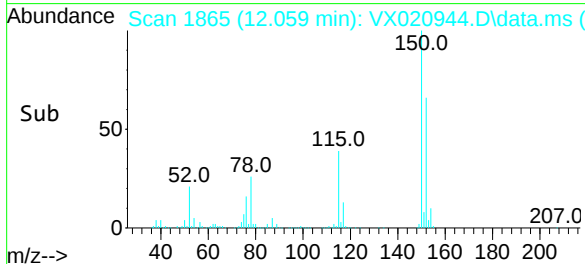
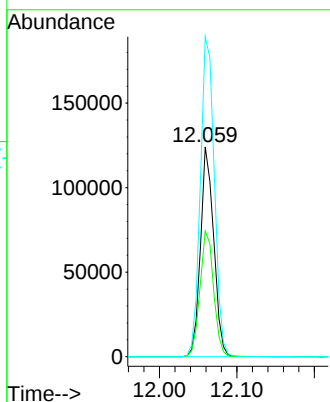
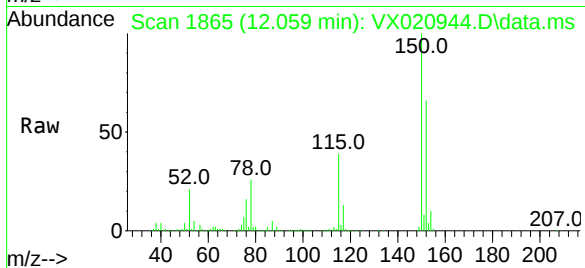




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020944.D
Acq: 01 Mar 2021 19:09

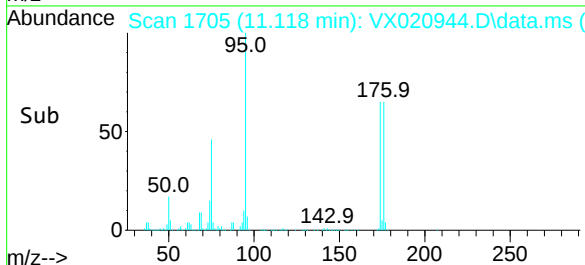
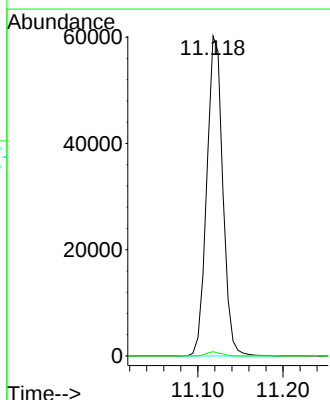
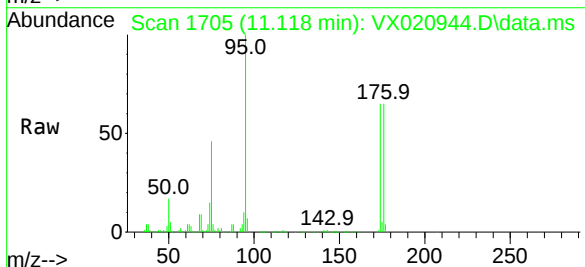
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#03

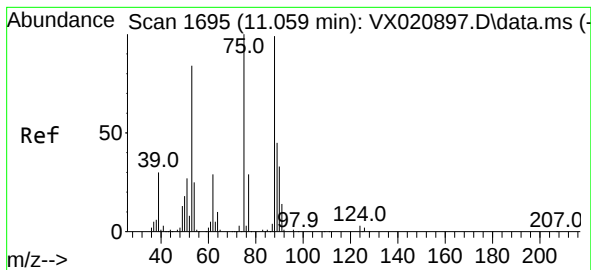
Tgt Ion:152 Resp: 147308
Ion Ratio Lower Upper
152 100
115 61.7 41.1 123.3
150 161.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.76 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020944.D
Acq: 01 Mar 2021 19:09

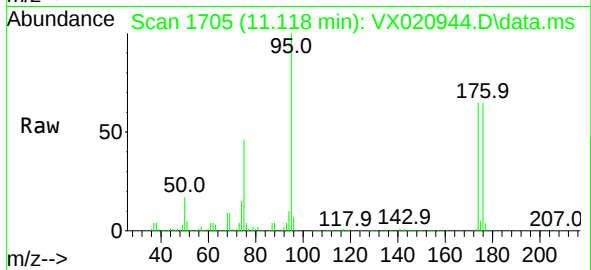
Tgt Ion: 75 Resp: 78453
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.81 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX020944.D
 Acq: 01 Mar 2021 19:09

Instrument :
 MSVOA_X
 ClientSampleId :
 PB134860ZHE#03



Tgt Ion: 75 Resp: 78453
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

