

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021121.D
 Acq On : 09 Mar 2021 19:53
 Operator : JC/MD
 Sample : PB135055ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 10 00:35:11 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)

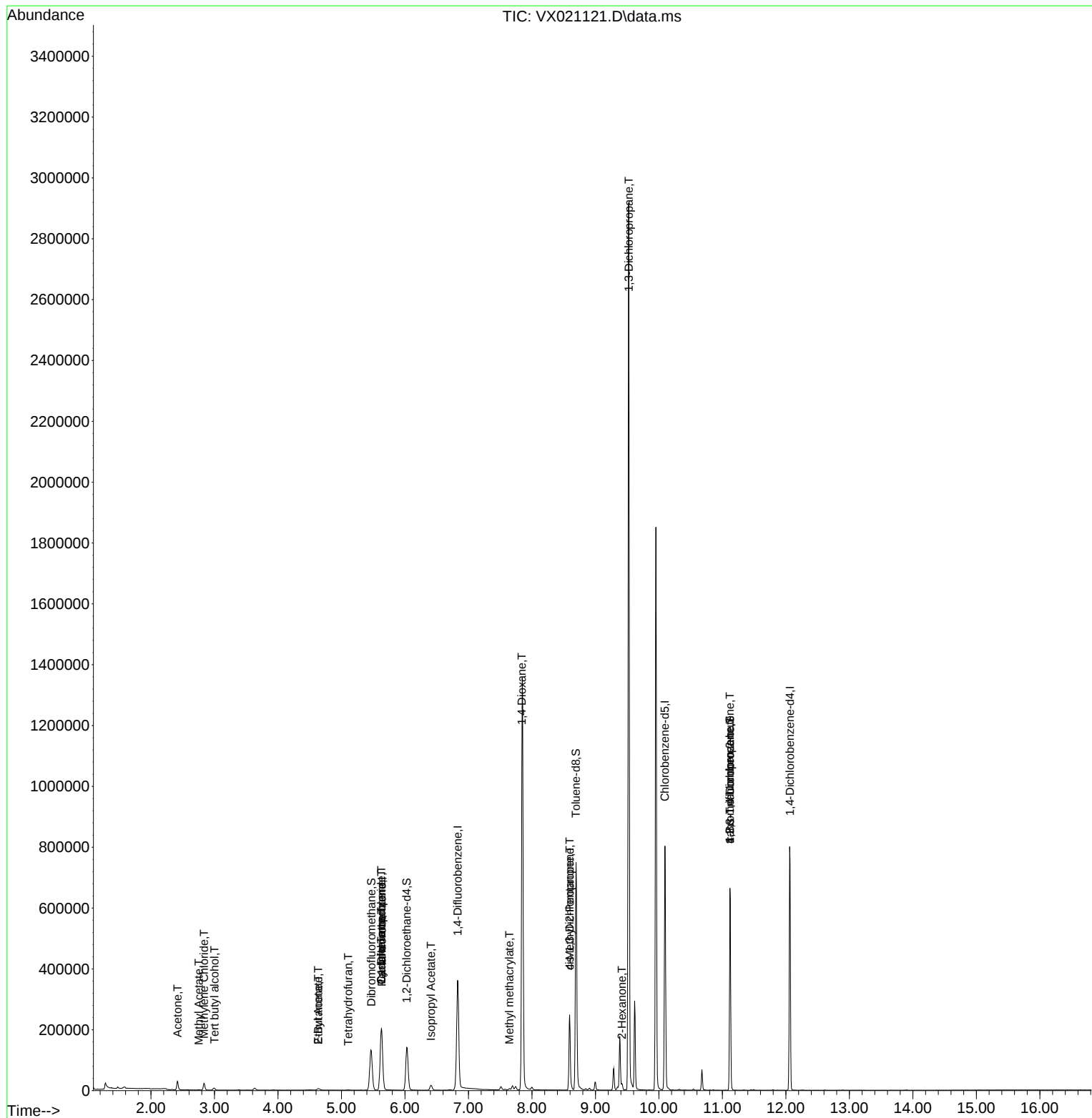
Internal Standards						
1) Pentafluorobenzene	5.635	168	197613	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	371441	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	372964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	173203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	134005	50.20	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.40%			
35) Dibromofluoromethane	5.470	113	116674	51.70	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.40%			
50) Toluene-d8	8.694	98	469891	53.40	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.80%			
62) 4-Bromofluorobenzene	11.118	95	183847	56.50	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.00%			
Target Compounds						
5) Bromomethane	1.652	94	230	Below Cal	#	49
11) Tert butyl alcohol	2.999	59	3904	6.57	ug/l #	75
16) Acetone	2.417	43	28956	26.33	ug/l	100
18) Methyl Acetate	2.752	43	1528	0.59	ug/l #	89
20) Methylene Chloride	2.834	84	10400	3.94	ug/l	99
25) 2-Butanone	4.635	43	6135	3.67	ug/l #	87
29) Tetrahydrofuran	5.105	42	874	0.81	ug/l #	74
31) Cyclohexane	5.629	56	3757	0.97	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	15176	4.30	ug/l #	47
37) Ethyl Acetate	4.635	43	6135	1.83	ug/l #	75
38) Carbon Tetrachloride	5.629	117	19500	5.70	ug/l #	16
43) Isopropyl Acetate	6.411	43	21356	3.74	ug/l	97
48) Methyl methacrylate	7.647	41	5212	1.82	ug/l #	10
49) 1,4-Dioxane	7.841	88	215	3.21	ug/l #	1
51) 4-Methyl-2-Pentanone	8.594	43	79123	23.79	ug/l #	46
54) cis-1,3-Dichloropropene	8.594	75	42446	9.29	ug/l #	59
57) 1,3-Dichloropropane	9.523	76	26057	5.83	ug/l #	43
59) 2-Hexanone	9.418	43	10309	4.13	ug/l #	19
76) 1,2,3-Trichloropropane	11.118	75	87513	23.49	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	87513	52.00	ug/l #	12

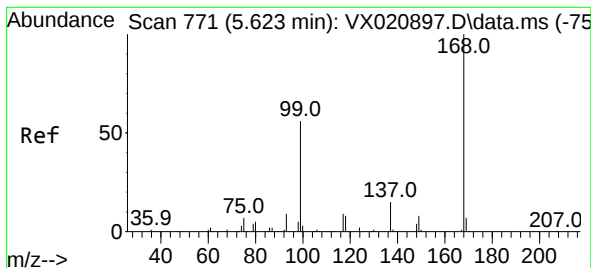
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 10 00:35:11 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.635 min Scan# 773

Delta R.T. 0.012 min

Lab File: VX021121.D

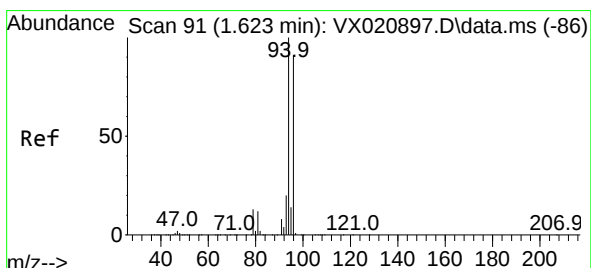
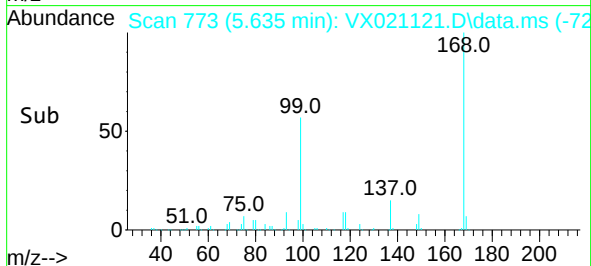
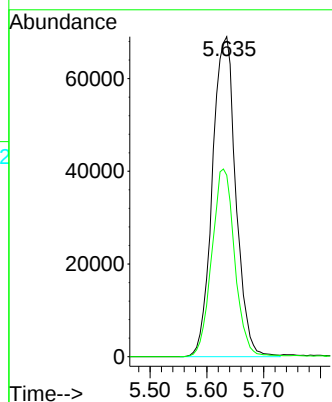
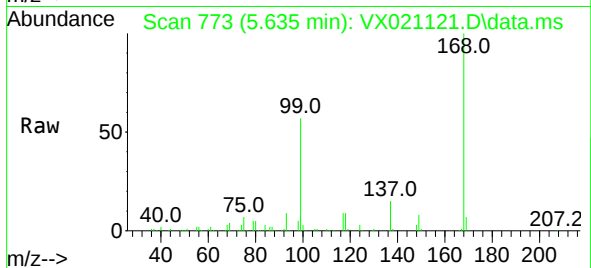
Acq: 09 Mar 2021 19:53

Tgt Ion:168 Resp: 197613

Ion Ratio Lower Upper

168 100

99 56.7 45.8 68.6



#5

Bromomethane

Concen: Below Cal

RT: 1.652 min Scan# 96

Delta R.T. 0.029 min

Lab File: VX021121.D

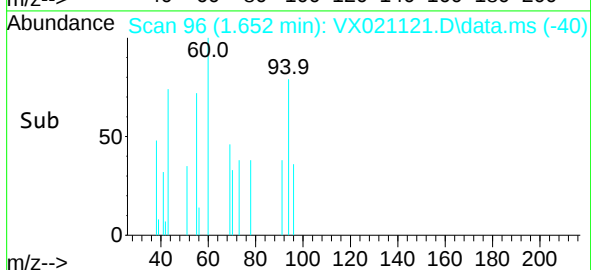
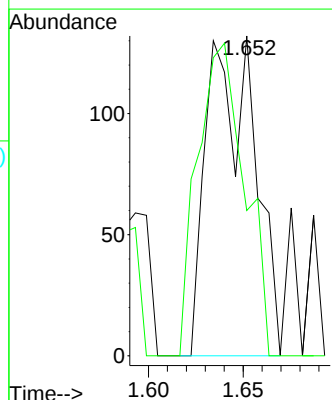
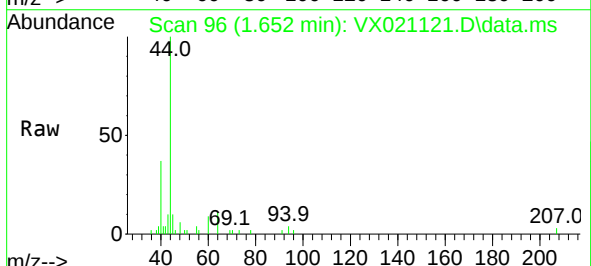
Acq: 09 Mar 2021 19:53

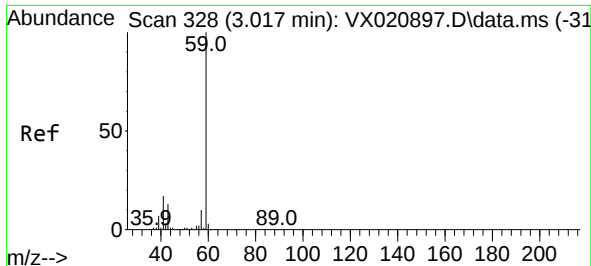
Tgt Ion: 94 Resp: 230

Ion Ratio Lower Upper

94 100

96 45.5 76.4 114.6#



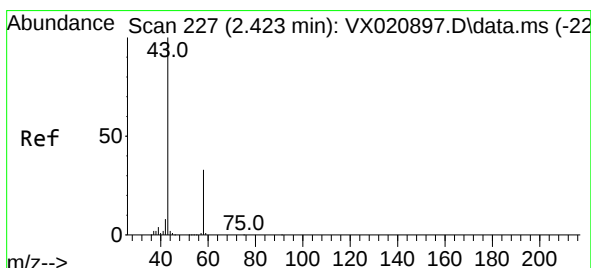
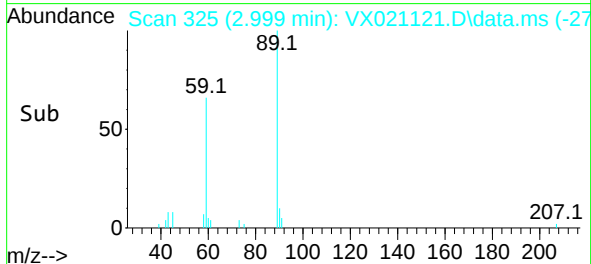
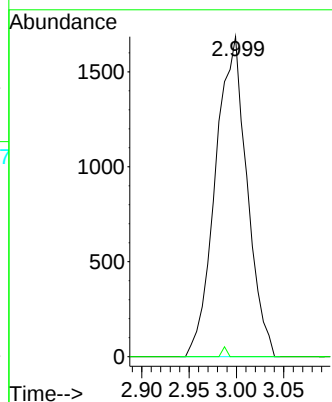
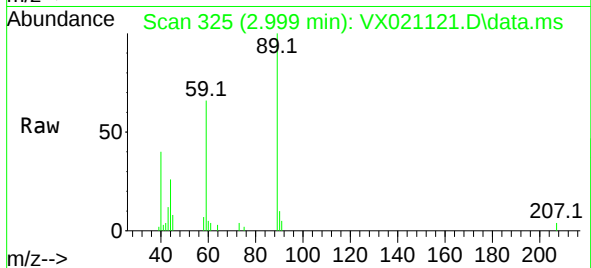


#11

Tert butyl alcohol
Concen: 6.57 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53

Instrument :
MSVOA_X
ClientSampled :

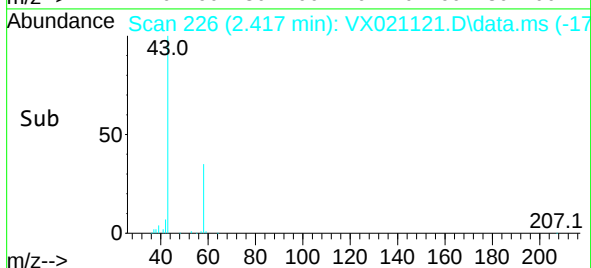
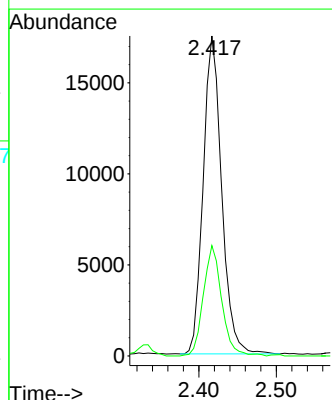
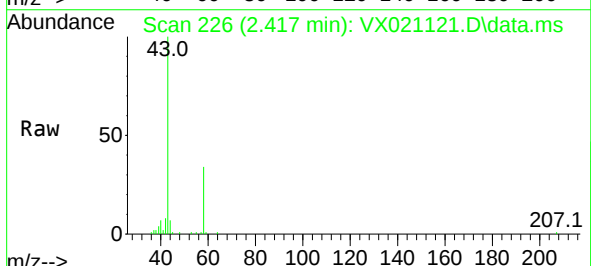
Tgt Ion: 59 Resp: 3904
Ion Ratio Lower Upper
59 100
57 0.5 7.8 11.8#

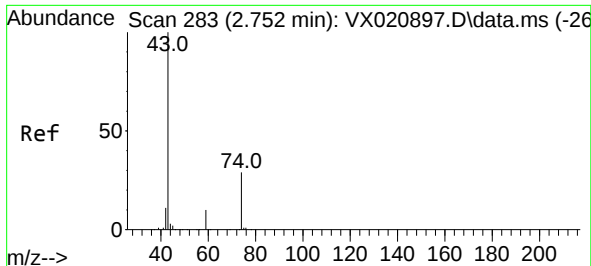


#16

Acetone
Concen: 26.33 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53

Tgt Ion: 43 Resp: 28956
Ion Ratio Lower Upper
43 100
58 34.7 27.8 41.8





#18

Methyl Acetate

Concen: 0.59 ug/l

RT: 2.752 min Scan# 283

Delta R.T. -0.000 min

Lab File: VX021121.D

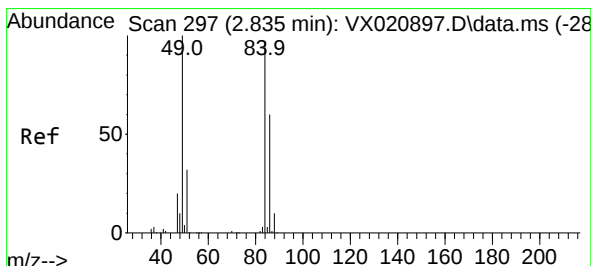
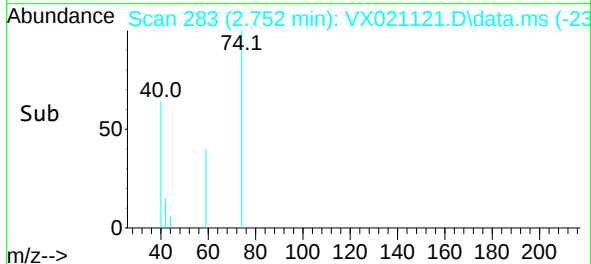
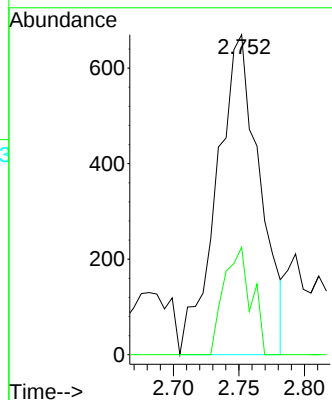
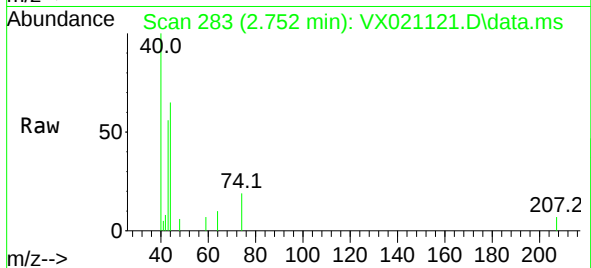
Acq: 09 Mar 2021 19:53

Tgt Ion: 43 Resp: 1528

Ion Ratio Lower Upper

43 100

74 21.5 21.9 32.9#



#20

Methylene Chloride

Concen: 3.94 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.000 min

Lab File: VX021121.D

Acq: 09 Mar 2021 19:53

Tgt Ion: 84 Resp: 10400

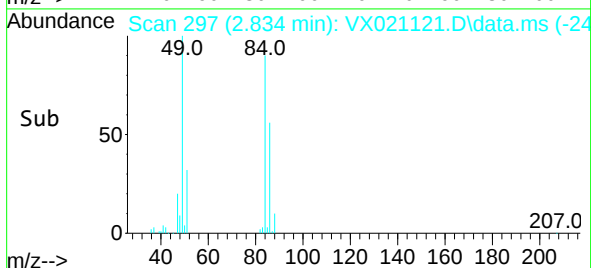
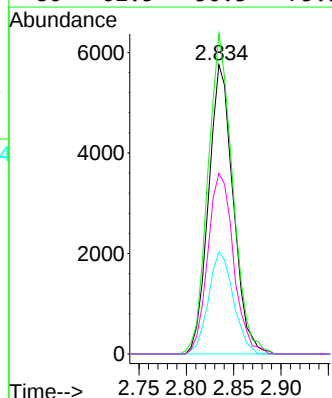
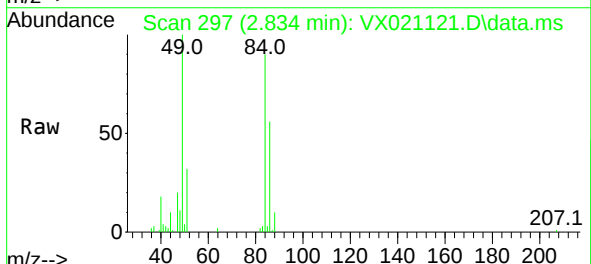
Ion Ratio Lower Upper

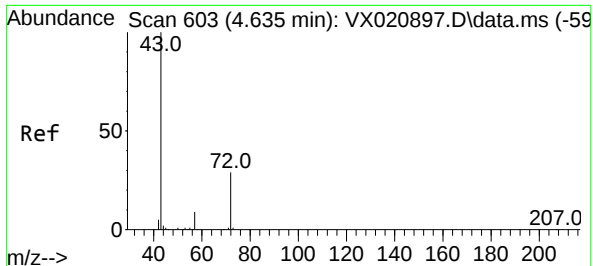
84 100

49 110.6 88.6 132.8

51 35.3 27.0 40.6

86 62.5 50.3 75.5

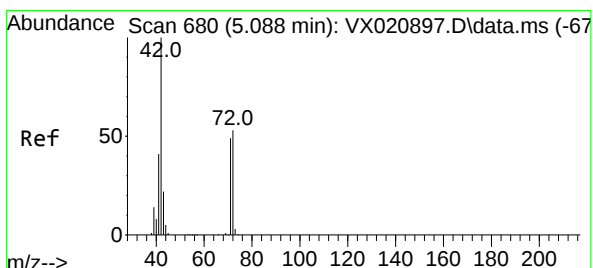
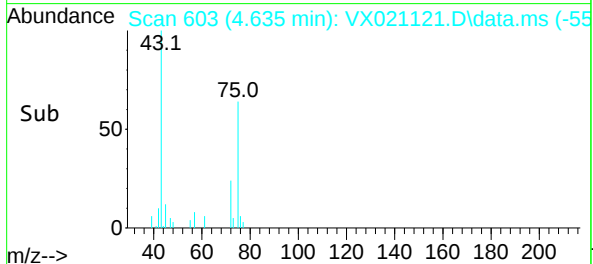
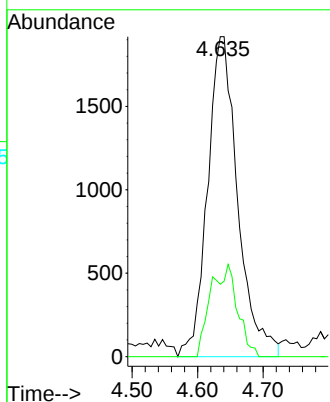
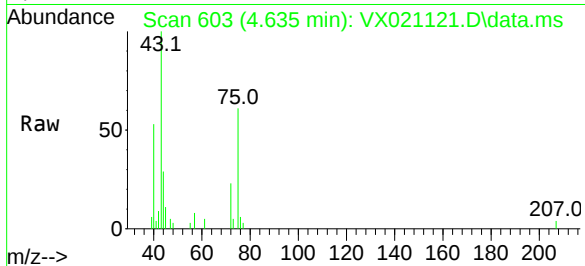




#25
2-Butanone
Concen: 3.67 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53

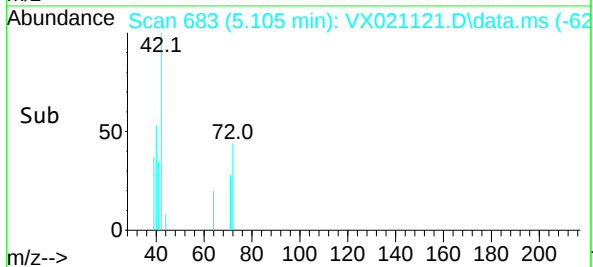
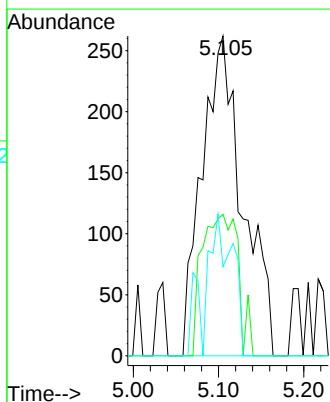
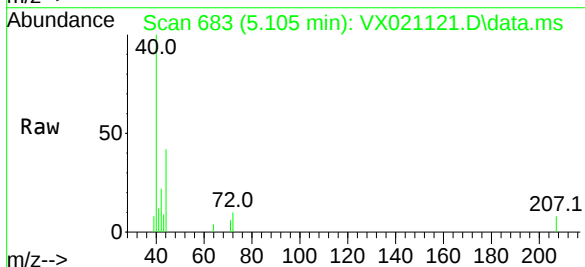
Instrument :
MSVOA_X
ClientSampled :

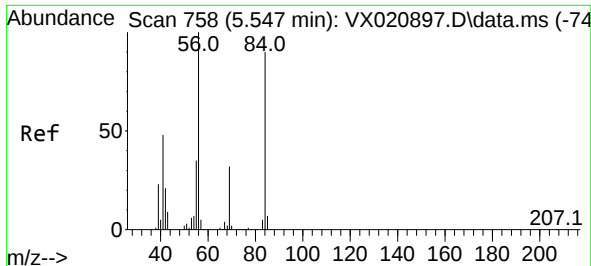
Tgt Ion: 43 Resp: 6135
Ion Ratio Lower Upper
43 100
72 22.6 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.81 ug/l
RT: 5.105 min Scan# 683
Delta R.T. 0.018 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53

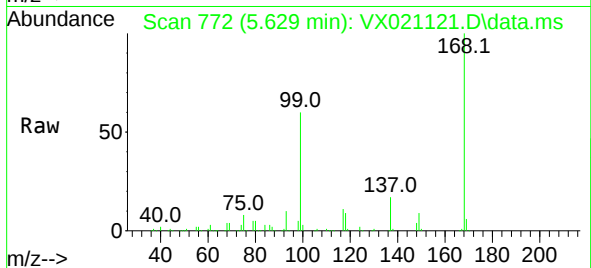
Tgt Ion: 42 Resp: 874
Ion Ratio Lower Upper
42 100
72 39.2 41.7 62.5#
71 24.7 38.4 57.6#



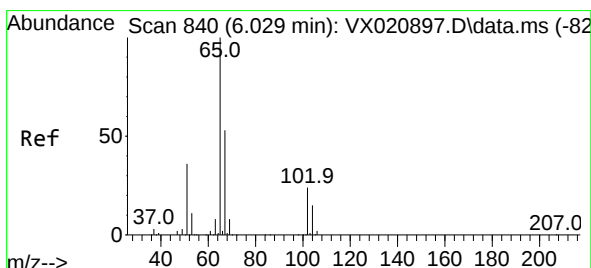
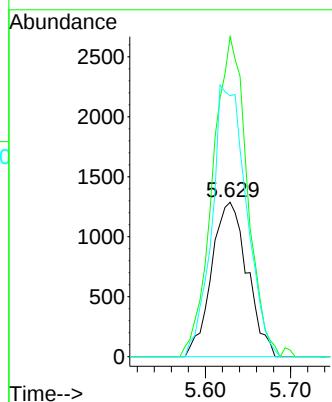
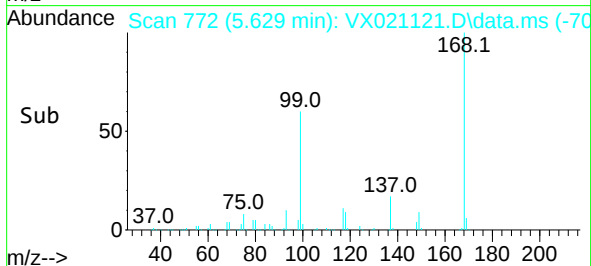


#31
Cyclohexane
Concen: 0.97 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53

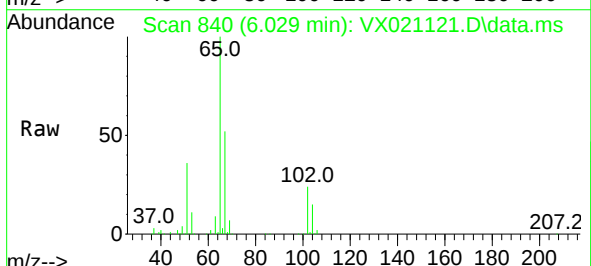
Instrument :
MSVOA_X
ClientSampled :



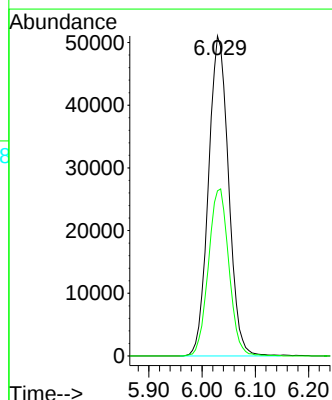
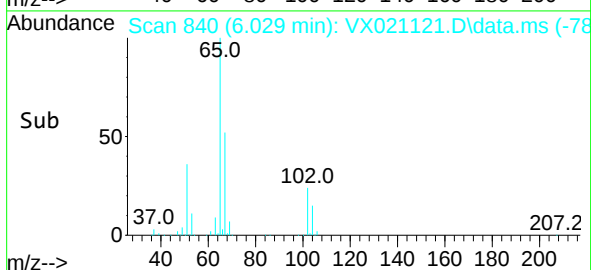
Tgt Ion: 56 Resp: 3757
Ion Ratio Lower Upper
56 100
69 207.1 25.3 37.9#
84 168.9 71.4 107.0#

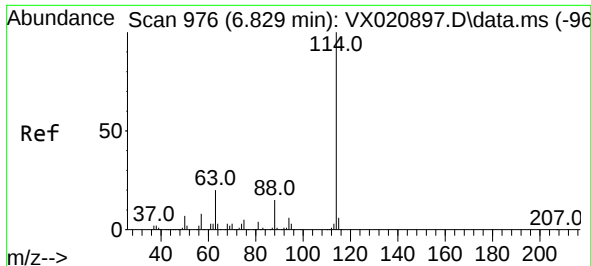


#33
1,2-Dichloroethane-d4
Concen: 50.20 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53



Tgt Ion: 65 Resp: 134005
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

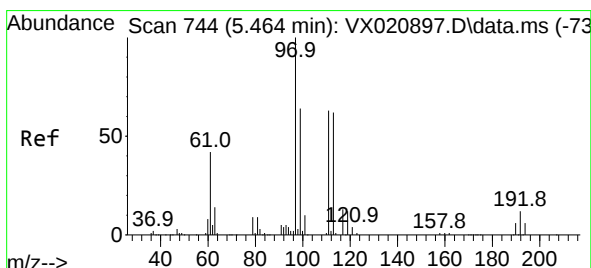
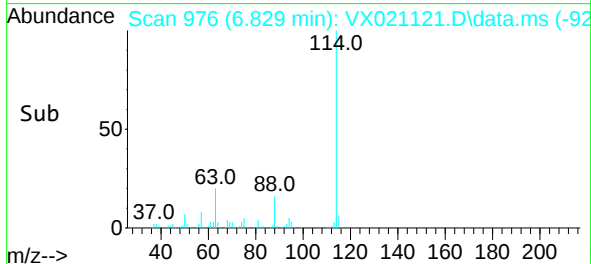
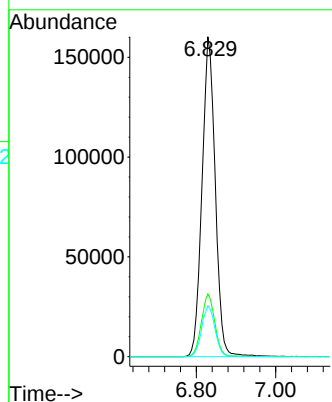
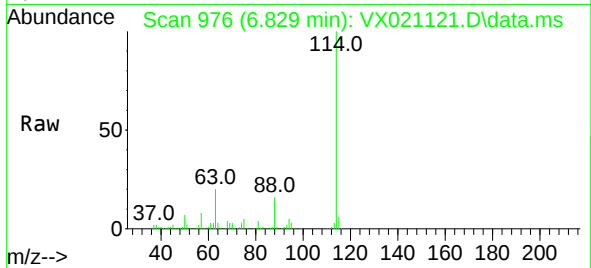




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53

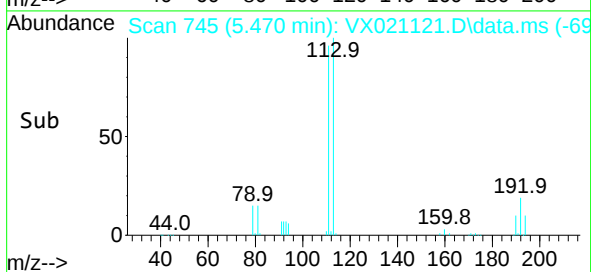
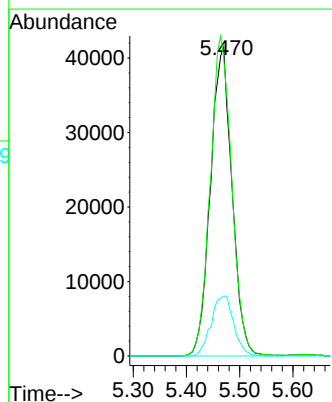
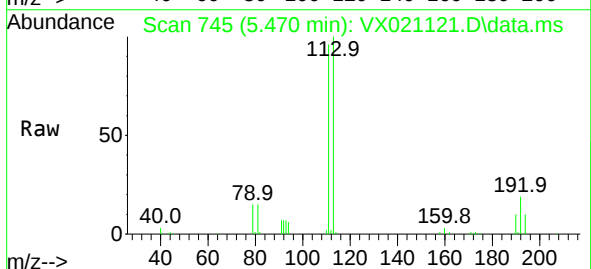
Instrument :
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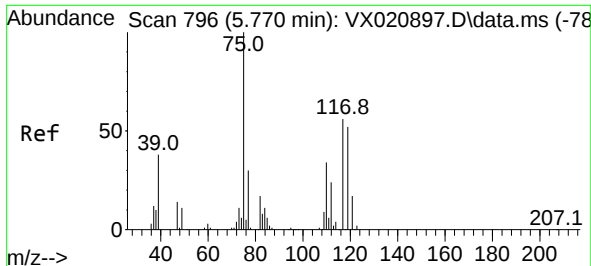
Tgt Ion:114 Resp: 371441
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.70 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53

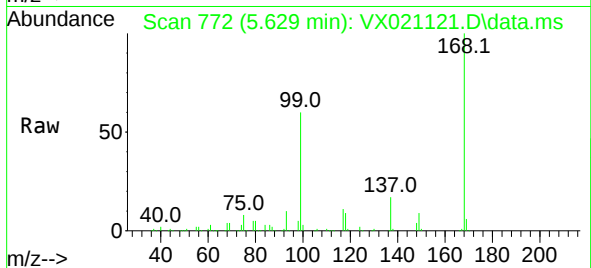
Tgt Ion:113 Resp: 116674
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 20.4 16.7 25.1



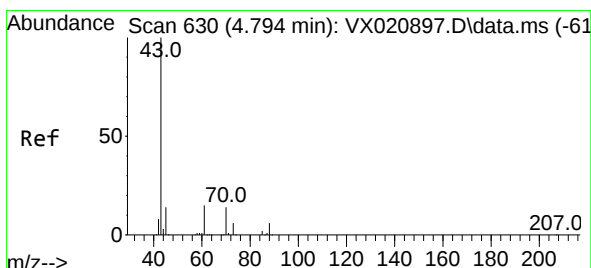
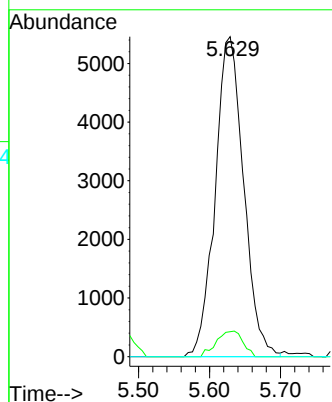
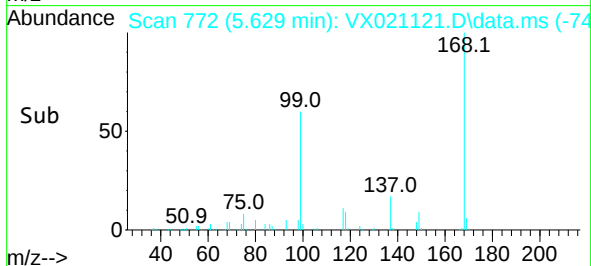


#36
1,1-Dichloropropene
Concen: 4.30 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53

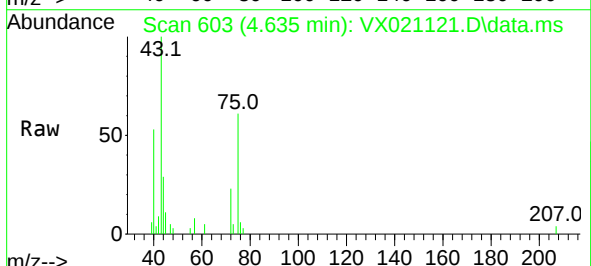
Instrument :
MSVOA_X
ClientSampleId :



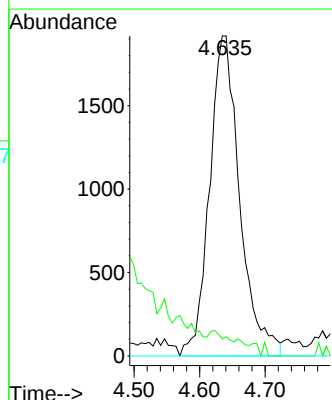
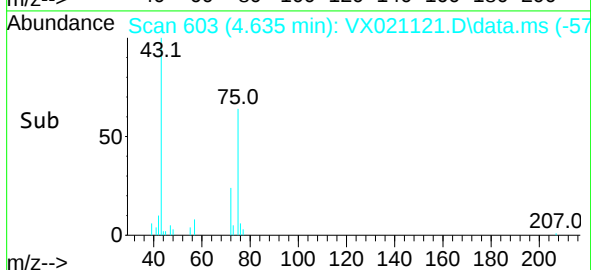
Tgt Ion: 75 Resp: 15176
Ion Ratio Lower Upper
75 100
110 7.4 18.1 54.4#
77 0.0 25.3 37.9#

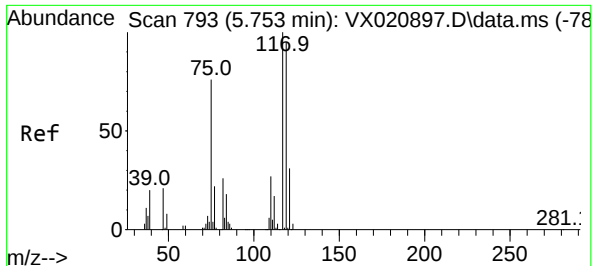


#37
Ethyl Acetate
Concen: 1.83 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.159 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53



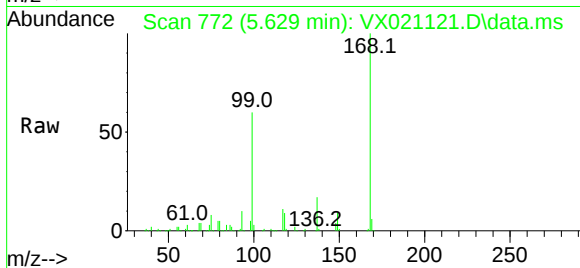
Tgt Ion: 43 Resp: 6135
Ion Ratio Lower Upper
43 100
61 7.9 12.8 19.2#
70 0.0 10.5 15.7#



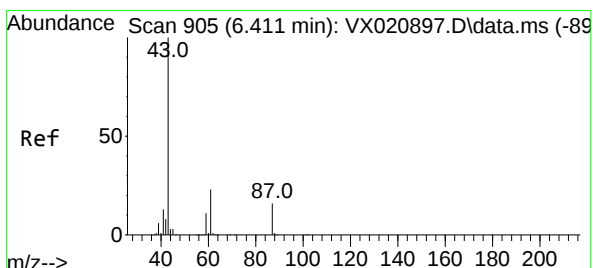
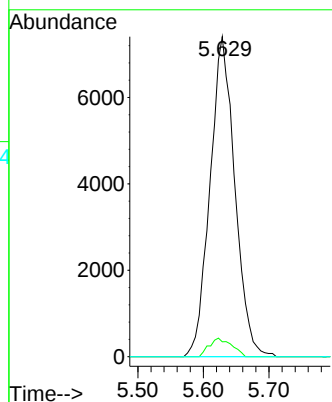
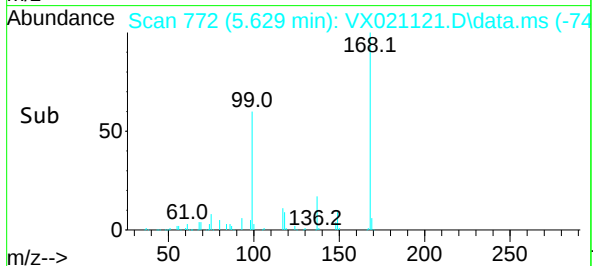


#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53

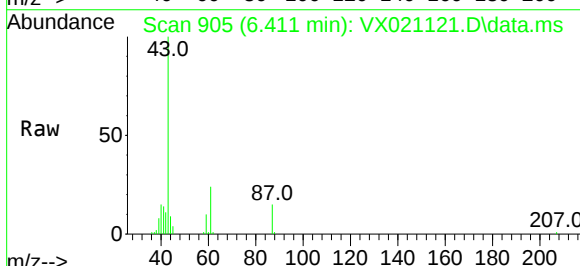
Instrument :
MSVOA_X
ClientSampled :



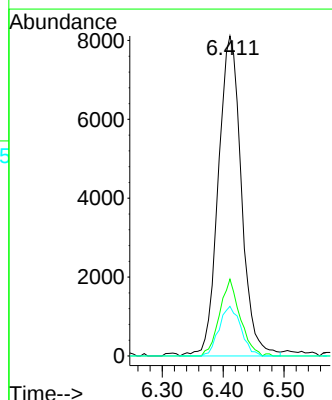
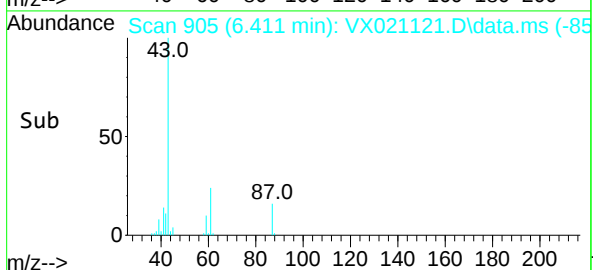
Tgt Ion:117 Resp: 19500
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

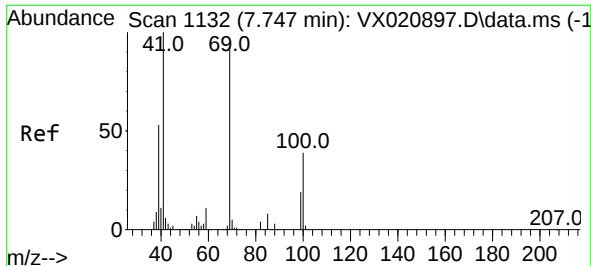


#43
Isopropyl Acetate
Concen: 3.74 ug/l
RT: 6.411 min Scan# 905
Delta R.T. -0.000 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53



Tgt Ion: 43 Resp: 21356
Ion Ratio Lower Upper
43 100
61 21.4 18.2 27.4
87 14.7 12.5 18.7





#48

Methyl methacrylate

Concen: 1.82 ug/l

RT: 7.647 min Scan# 1115

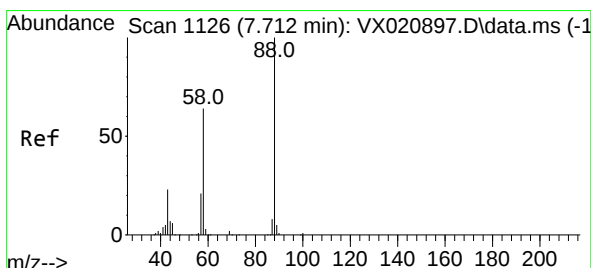
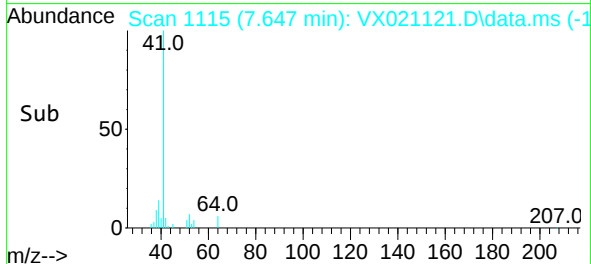
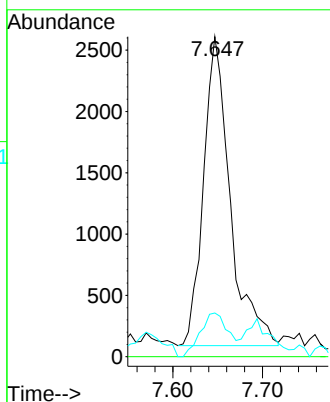
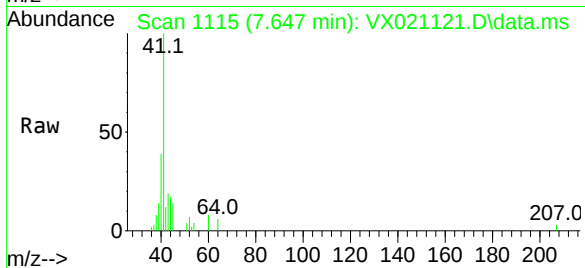
Delta R.T. -0.100 min

Lab File: VX021121.D

Acq: 09 Mar 2021 19:53

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	41	Resp:	5212
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: 3.21 ug/l

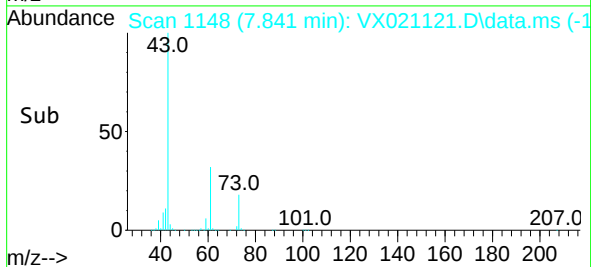
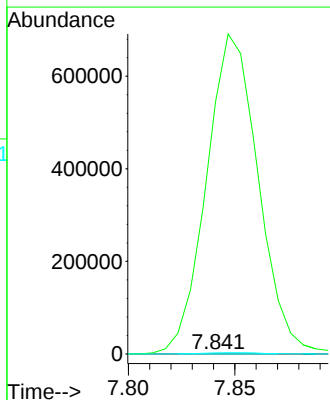
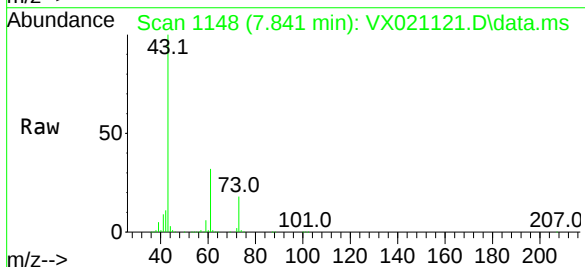
RT: 7.841 min Scan# 1148

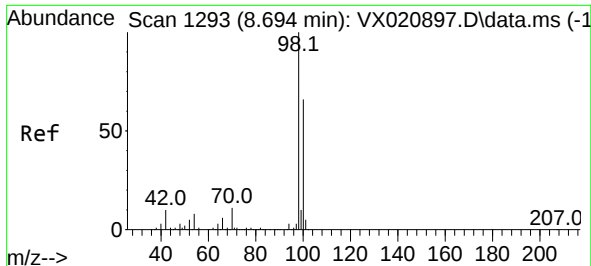
Delta R.T. 0.129 min

Lab File: VX021121.D

Acq: 09 Mar 2021 19:53

Tgt Ion:	88	Resp:	215
Ion	Ratio	Lower	Upper
88	100		
43	550708.8	23.2	34.8#
58	2490.2	55.0	82.4#

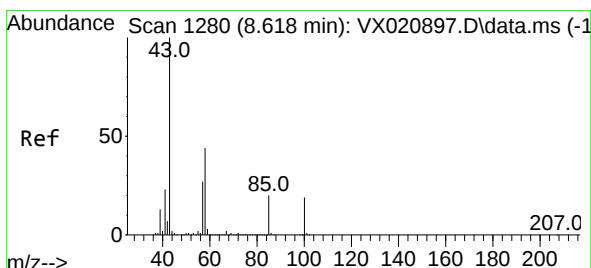
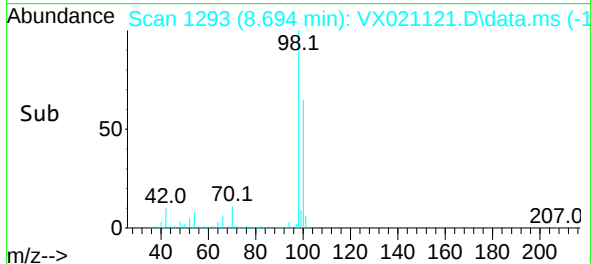
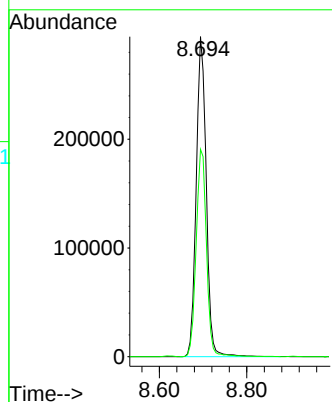
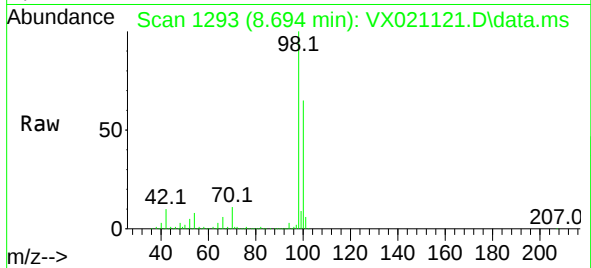




#50
Toluene-d8
Concen: 53.40 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53

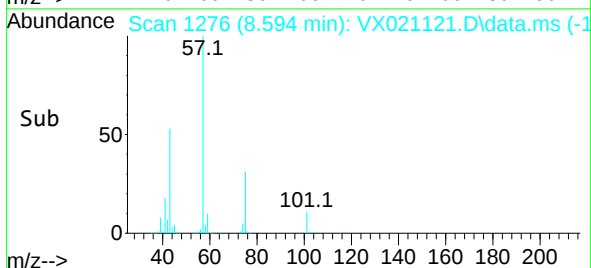
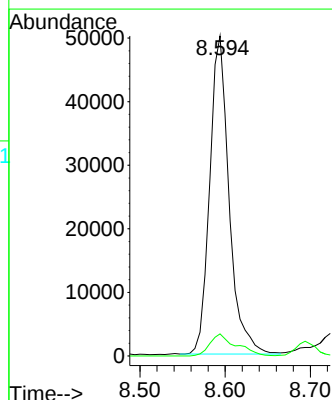
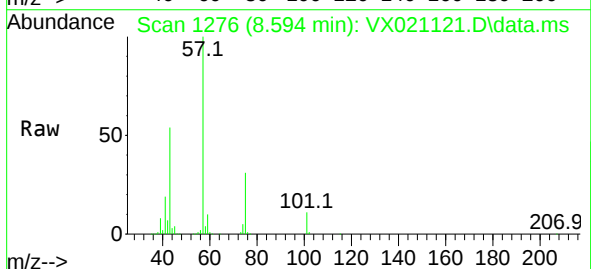
Instrument :
MSVOA_X
ClientSampled :

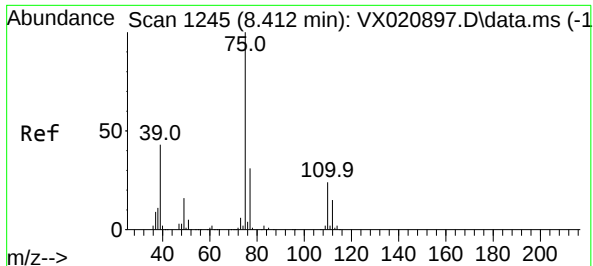
Tgt Ion: 98 Resp: 469891
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 23.79 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. -0.024 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53

Tgt Ion: 43 Resp: 79123
Ion Ratio Lower Upper
43 100
58 9.4 35.4 53.0#

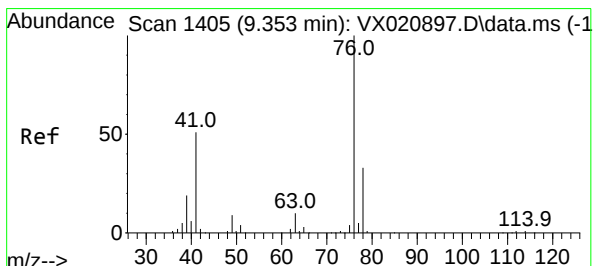
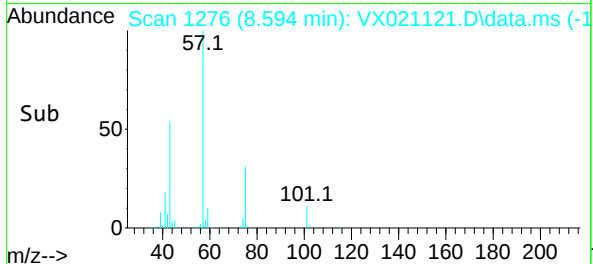
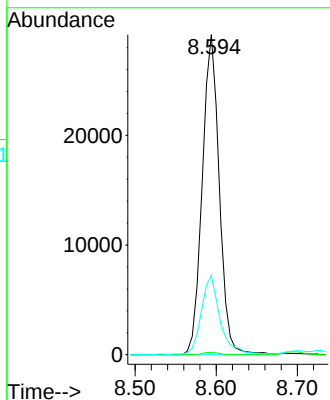
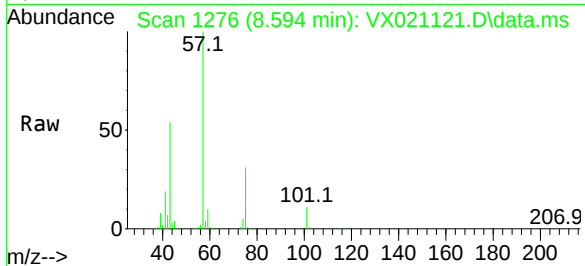




#54
cis-1,3-Dichloropropene
Concen: 9.29 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. 0.182 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53

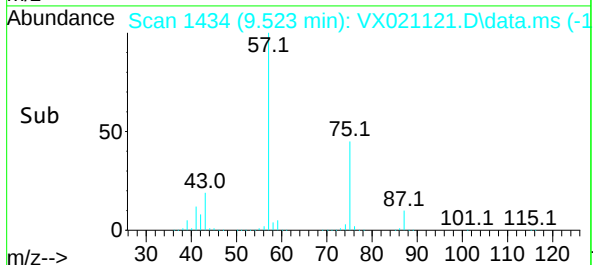
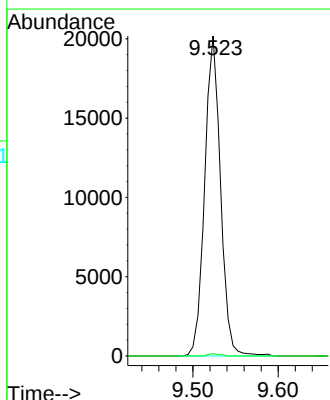
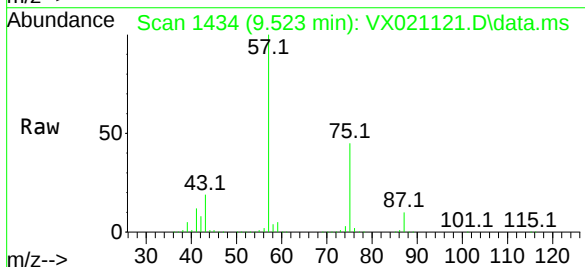
Instrument :
MSVOA_X
ClientSampled :

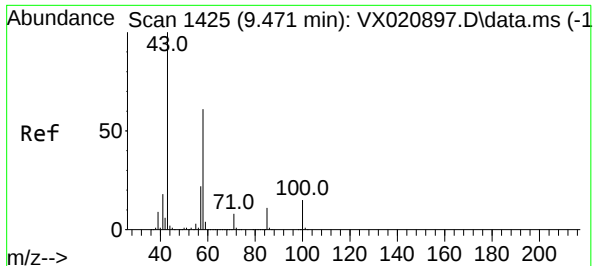
Tgt Ion: 75 Resp: 42446
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 24.6 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 5.83 ug/l
RT: 9.523 min Scan# 1434
Delta R.T. 0.170 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53

Tgt Ion: 76 Resp: 26057
Ion Ratio Lower Upper
76 100
78 0.5 26.2 39.2#

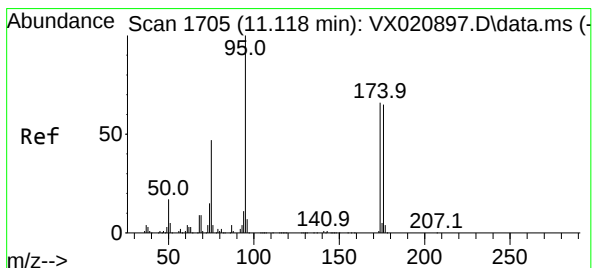
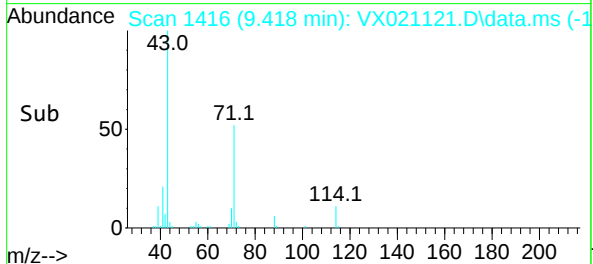
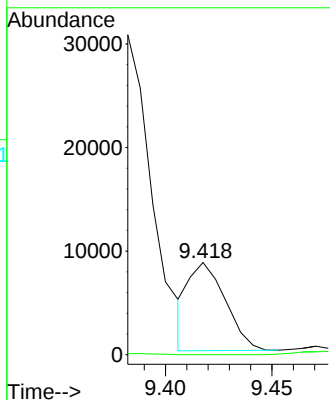
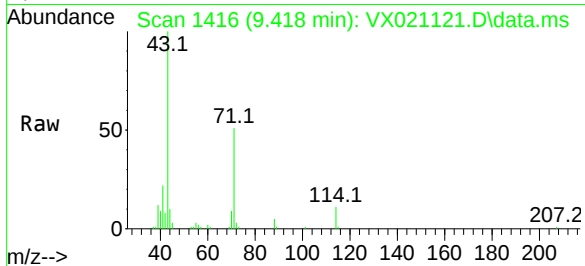




#59
2-Hexanone
Concen: 4.13 ug/l
RT: 9.418 min Scan# 1416
Delta R.T. -0.053 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53

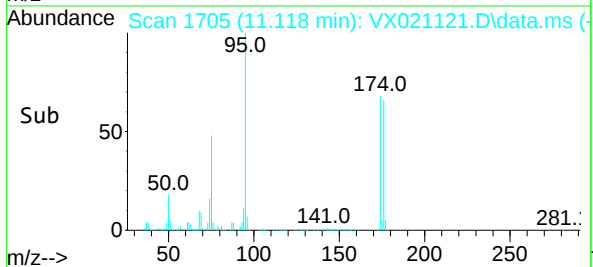
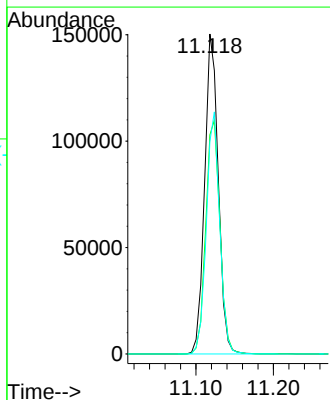
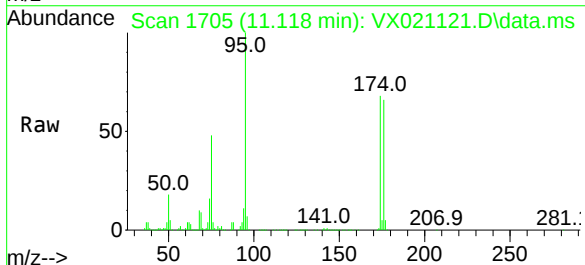
Instrument :
MSVOA_X
ClientSampled :

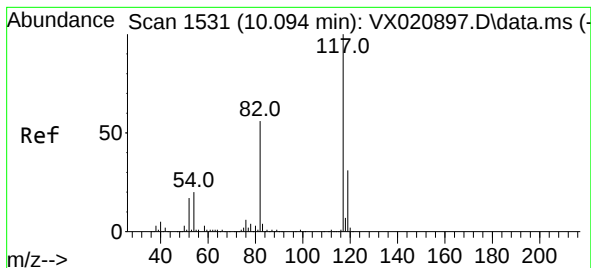
Tgt Ion: 43 Resp: 10309
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 56.50 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53

Tgt Ion: 95 Resp: 183847
Ion Ratio Lower Upper
95 100
174 76.0 0.0 154.6
176 74.0 0.0 155.8

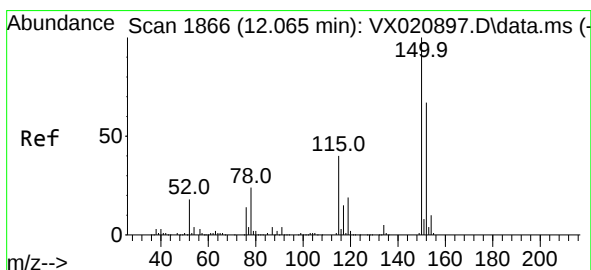
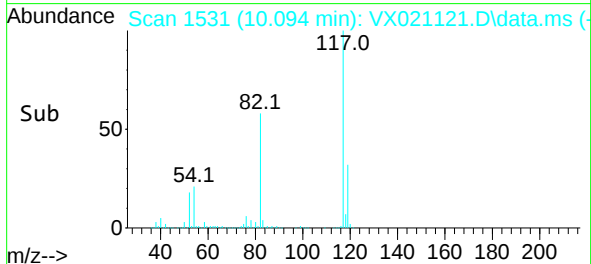
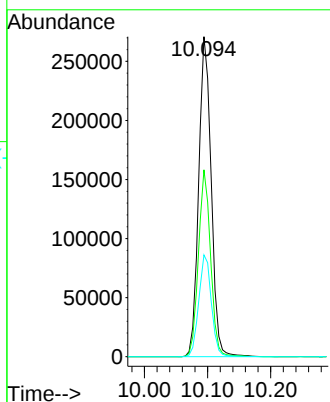
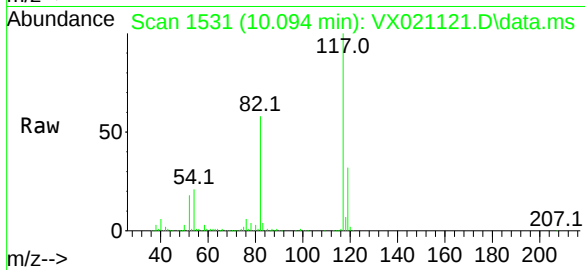




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53

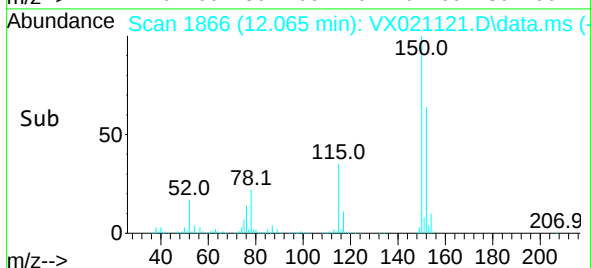
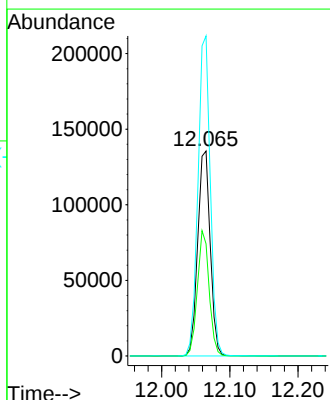
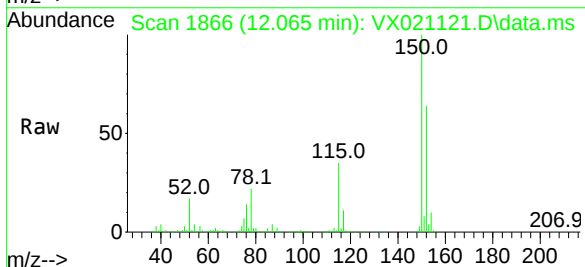
Instrument :
MSVOA_X
ClientSampled :

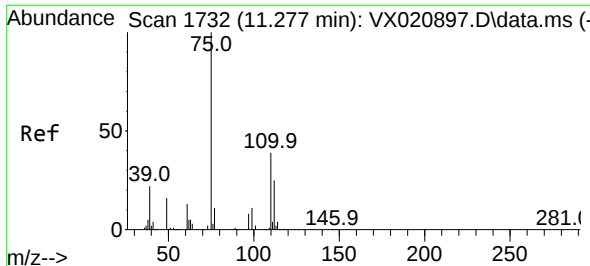
Tgt Ion:117 Resp: 372964
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53

Tgt Ion:152 Resp: 173203
Ion Ratio Lower Upper
152 100
115 57.4 41.1 123.3
150 153.5 0.0 349.0

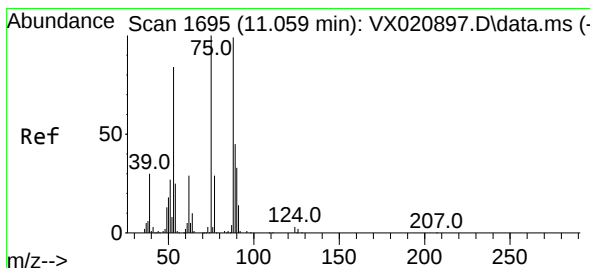
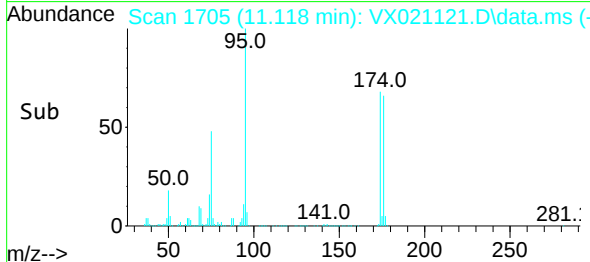
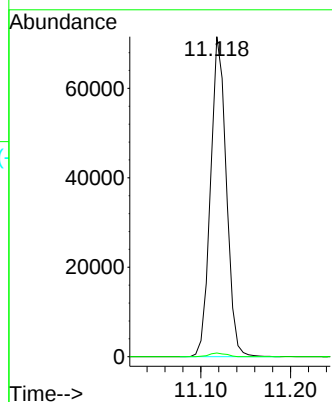
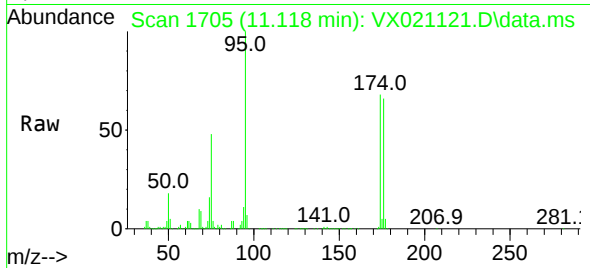




#76
1,2,3-Trichloropropane
Concen: 23.49 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 87513
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.00 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021121.D
Acq: 09 Mar 2021 19:53

Tgt Ion: 75 Resp: 87513
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

