

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021122.D
 Acq On : 09 Mar 2021 20:16
 Operator : JC/MD
 Sample : PB135055ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 10 00:35:29 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

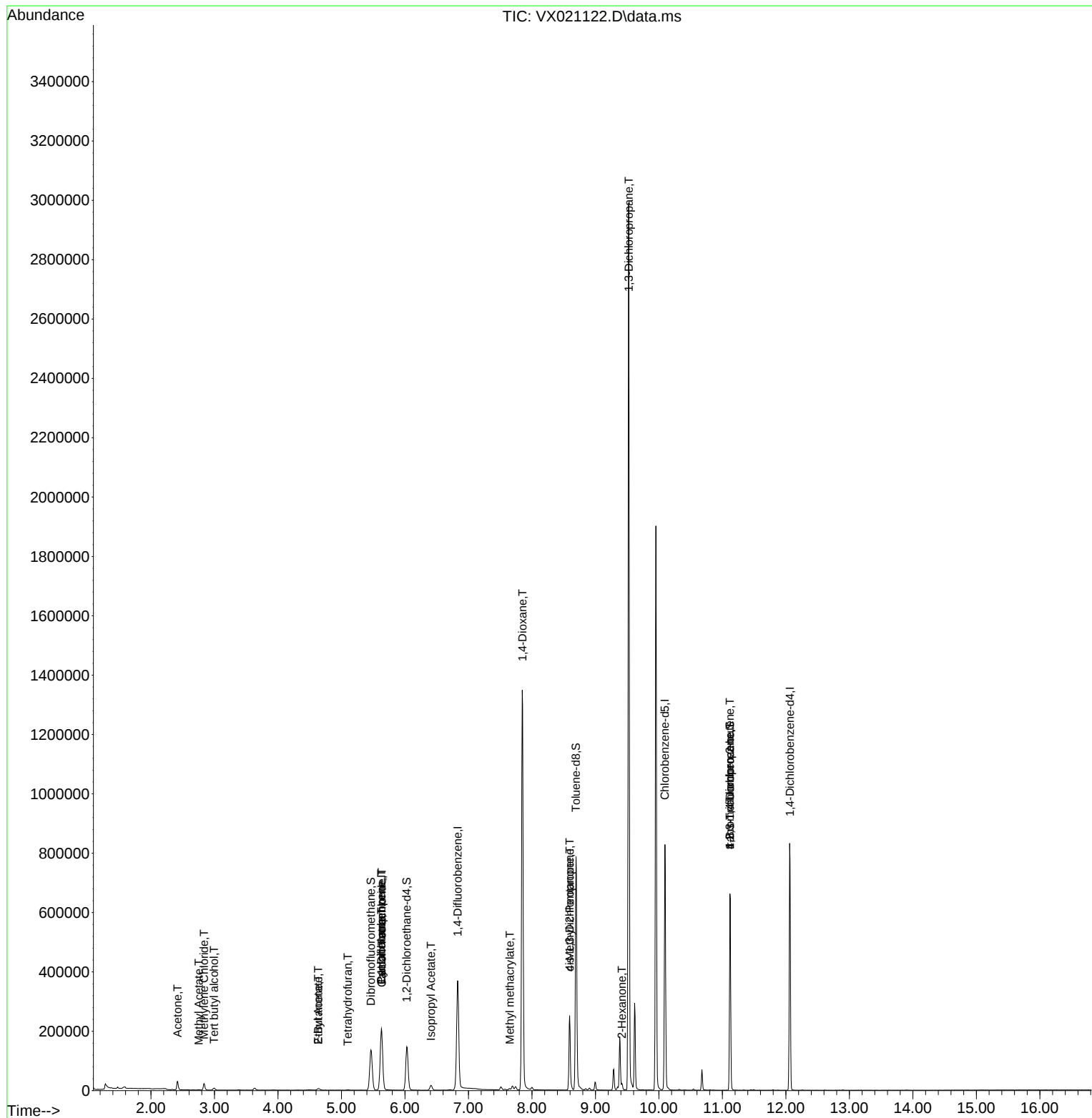
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.629	168	196935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	381226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	388503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	180550	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	139437	52.42	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.84%
35) Dibromofluoromethane	5.464	113	120437	52.00	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.00%
50) Toluene-d8	8.694	98	489860	54.24	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.48%
62) 4-Bromofluorobenzene	11.118	95	187551	56.16	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	112.32%
Target Compounds						
					Qvalue	
5) Bromomethane	1.640	94	179	Below Cal		92
11) Tert butyl alcohol	2.993	59	4190	7.07 ug/l #		76
16) Acetone	2.417	43	30287	27.63 ug/l		97
18) Methyl Acetate	2.752	43	1218	0.47 ug/l		96
20) Methylene Chloride	2.834	84	10182	3.87 ug/l		99
25) 2-Butanone	4.635	43	5669	3.40 ug/l		96
29) Tetrahydrofuran	5.099	42	829	0.78 ug/l #		74
31) Cyclohexane	5.629	56	4068	1.06 ug/l #		1
36) 1,1-Dichloropropene	5.629	75	15205	4.20 ug/l #		49
37) Ethyl Acetate	4.635	43	5669	1.64 ug/l #		64
38) Carbon Tetrachloride	5.635	117	19456	5.54 ug/l #		16
43) Isopropyl Acetate	6.411	43	21490	3.67 ug/l		99
48) Methyl methacrylate	7.653	41	5493	1.87 ug/l #		10
49) 1,4-Dioxane	7.853	88	259	3.77 ug/l #		1
51) 4-Methyl-2-Pentanone	8.594	43	80937	23.71 ug/l #		46
54) cis-1,3-Dichloropropene	8.594	75	43399	9.25 ug/l #		59
57) 1,3-Dichloropropane	9.524	76	26443	5.77 ug/l #		43
59) 2-Hexanone	9.418	43	10796	4.21 ug/l #		19
76) 1,2,3-Trichloropropane	11.118	75	88106	22.68 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	88106	50.22 ug/l #		12

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

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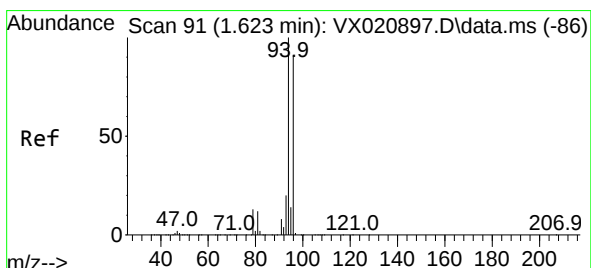
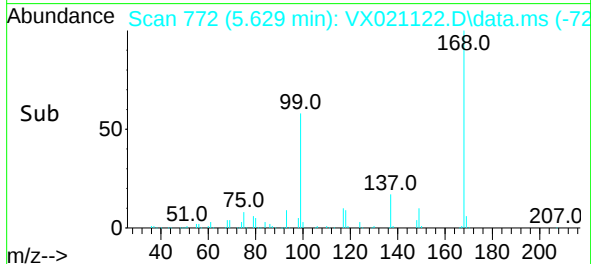
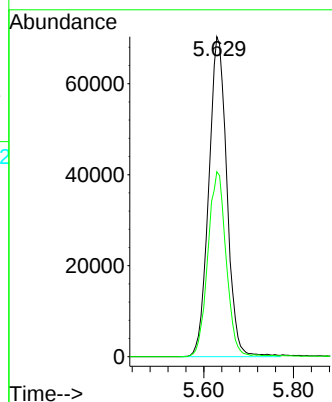
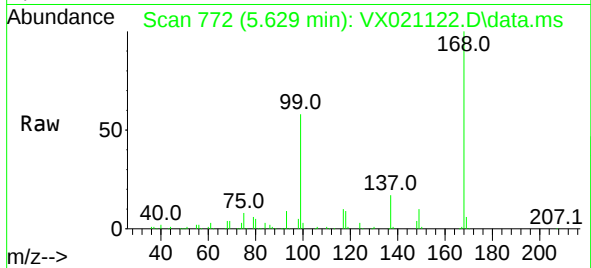




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

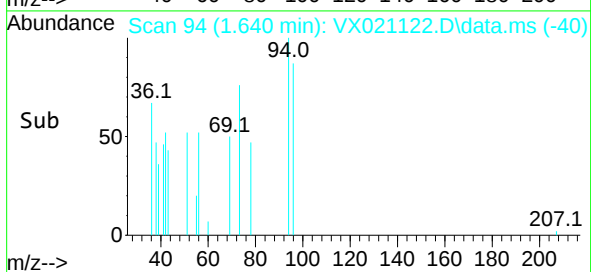
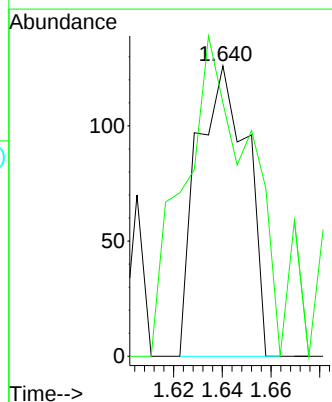
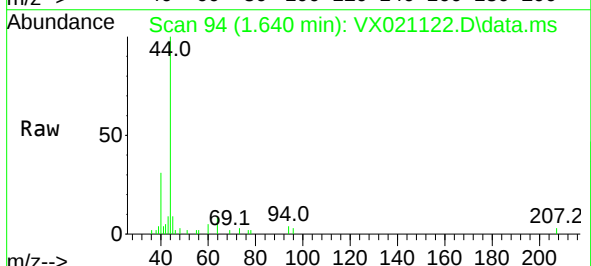
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 196935
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

Tgt Ion: 94 Resp: 179
Ion Ratio Lower Upper
94 100
96 87.3 76.4 114.6



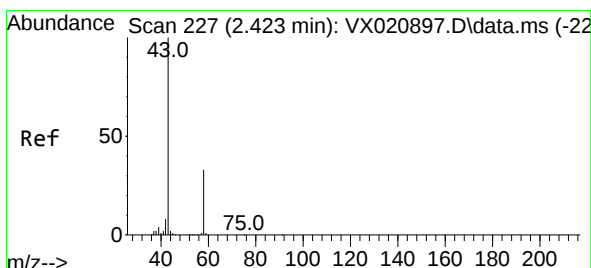
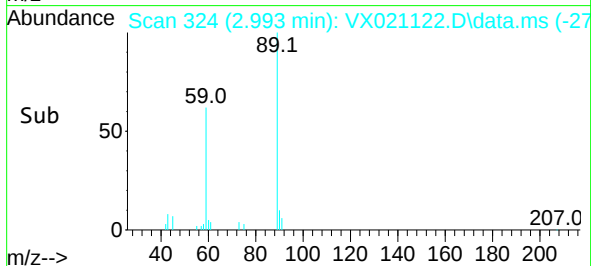
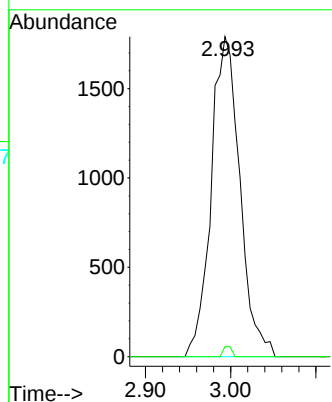
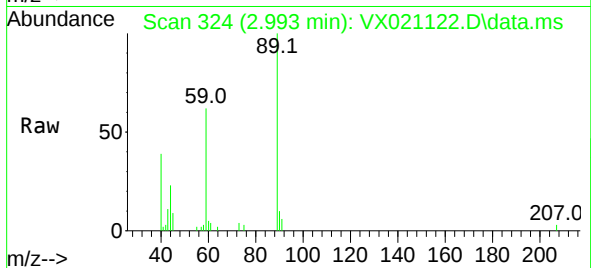


#11

Tert butyl alcohol
Concen: 7.07 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

Instrument :
MSVOA_X
ClientSampled :

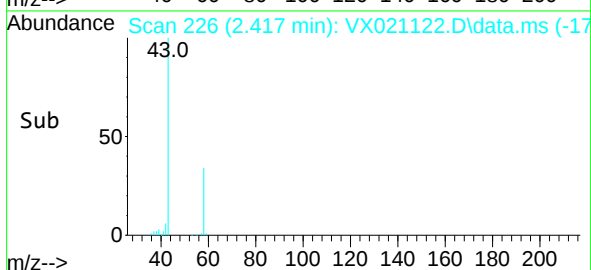
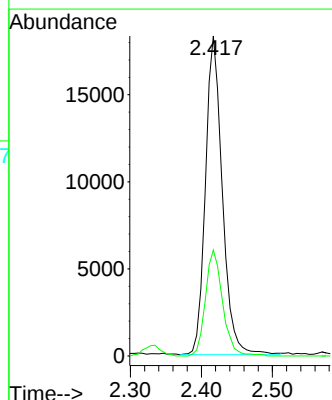
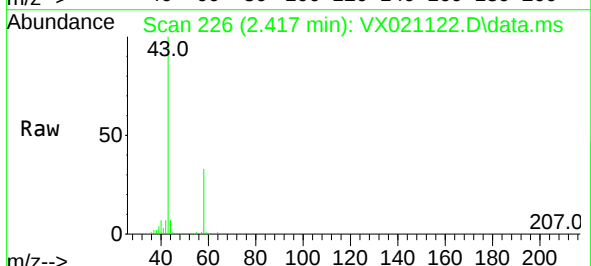
Tgt Ion: 59 Resp: 4190
Ion Ratio Lower Upper
59 100
57 0.9 7.8 11.8#

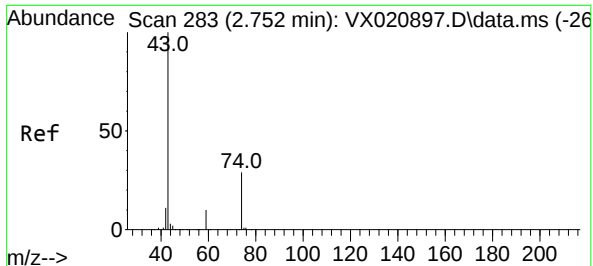


#16

Acetone
Concen: 27.63 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

Tgt Ion: 43 Resp: 30287
Ion Ratio Lower Upper
43 100
58 33.2 27.8 41.8

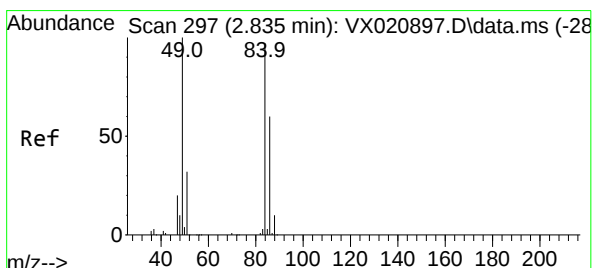
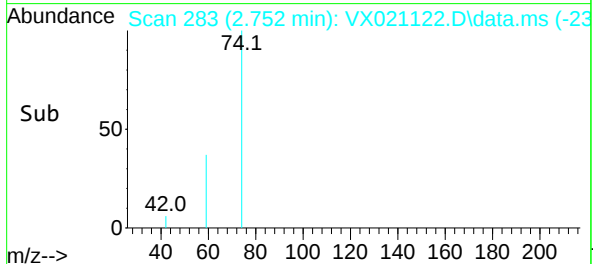
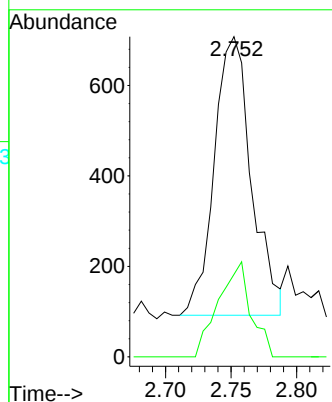
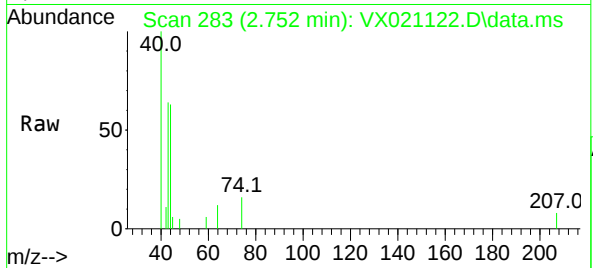




#18
Methyl Acetate
Concen: 0.47 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

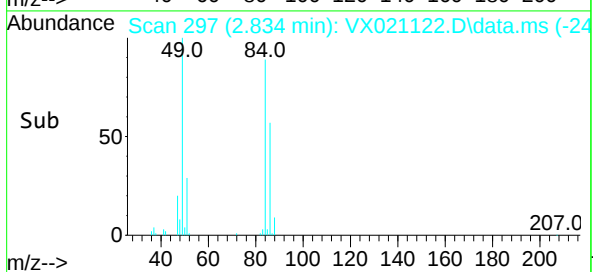
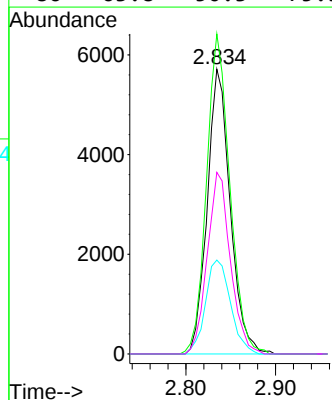
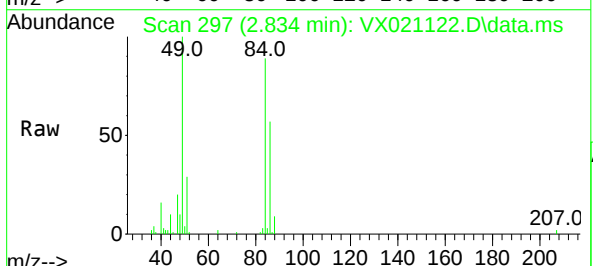
Instrument :
MSVOA_X
ClientSampled :

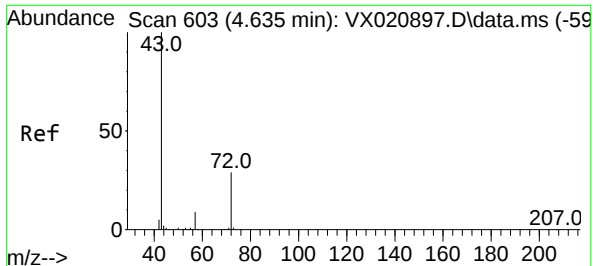
Tgt Ion: 43 Resp: 1218
Ion Ratio Lower Upper
43 100
74 29.7 21.9 32.9



#20
Methylene Chloride
Concen: 3.87 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

Tgt Ion: 84 Resp: 10182
Ion Ratio Lower Upper
84 100
49 112.3 88.6 132.8
51 33.0 27.0 40.6
86 63.8 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: VX021122.D

Acq: 09 Mar 2021 20:16

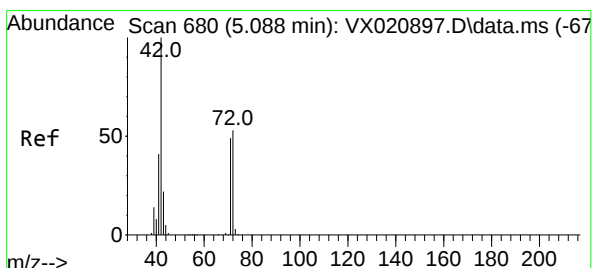
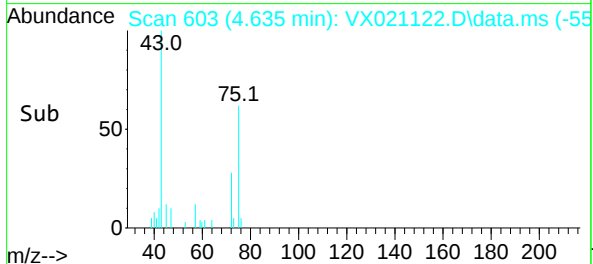
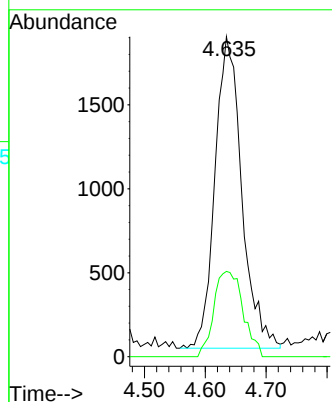
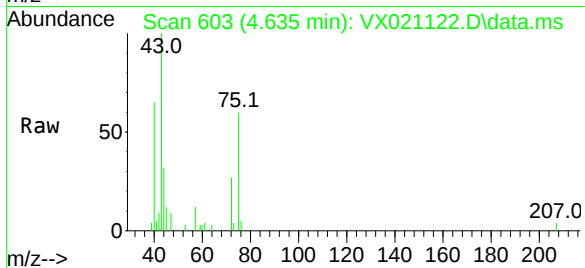
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 43 Resp: 5669

Ion Ratio Lower Upper

43 100

72 27.4 23.7 35.5



#29

Tetrahydrofuran

Concen: 0.78 ug/l

RT: 5.099 min Scan# 682

Delta R.T. 0.012 min

Lab File: VX021122.D

Acq: 09 Mar 2021 20:16

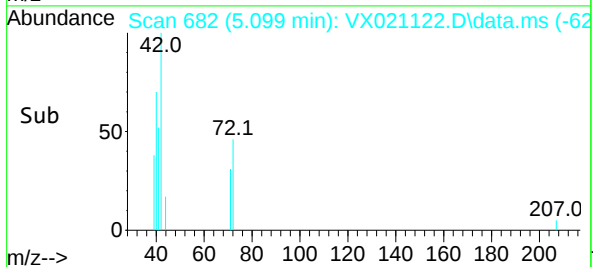
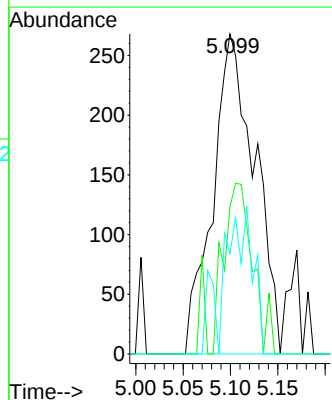
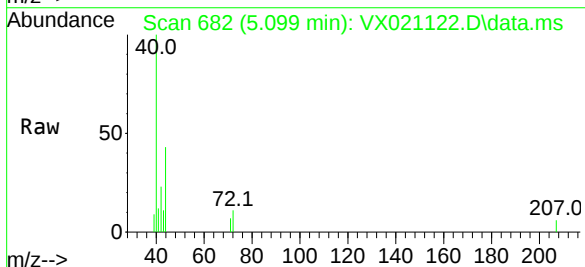
Tgt Ion: 42 Resp: 829

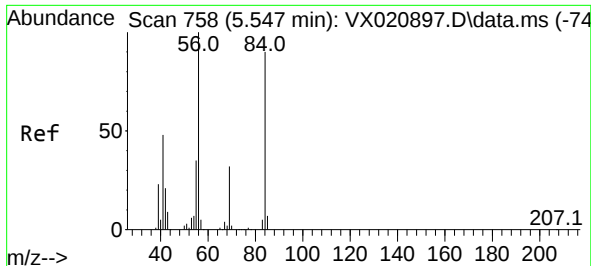
Ion Ratio Lower Upper

42 100

72 37.0 41.7 62.5#

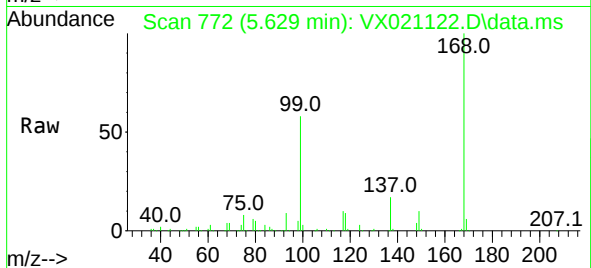
71 27.4 38.4 57.6#



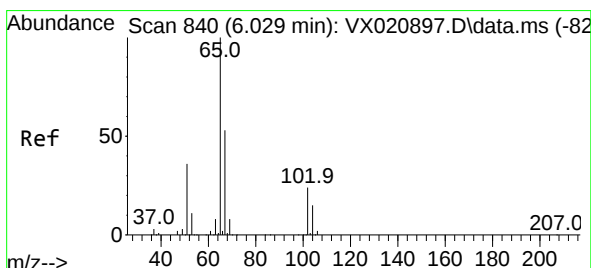
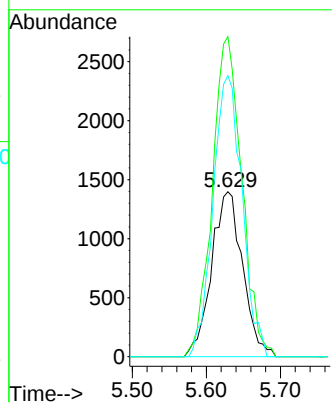
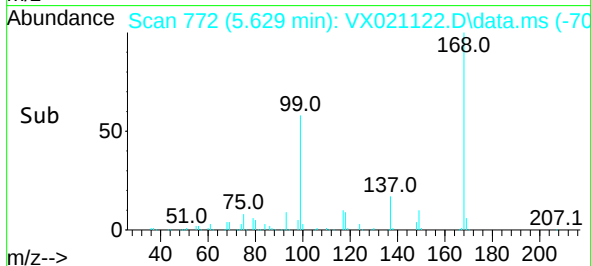


#31
Cyclohexane
Concen: 1.06 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

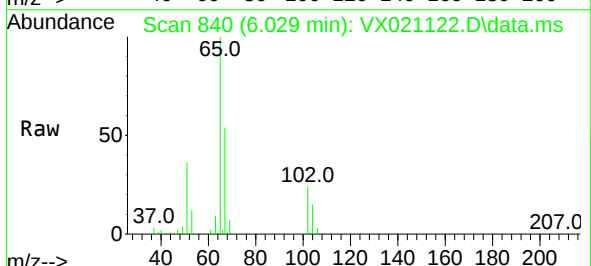
Instrument :
MSVOA_X
ClientSampleId :



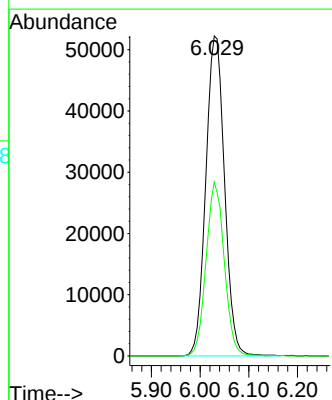
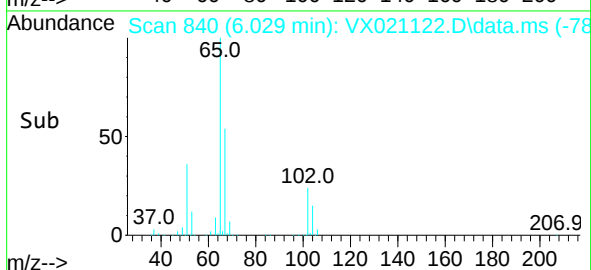
Tgt Ion: 56 Resp: 4068
Ion Ratio Lower Upper
56 100
69 194.0 25.3 37.9#
84 170.3 71.4 107.0#

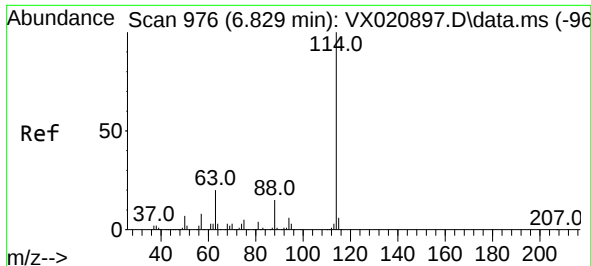


#33
1,2-Dichloroethane-d4
Concen: 52.42 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16



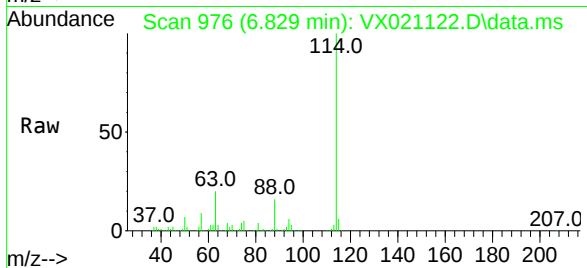
Tgt Ion: 65 Resp: 139437
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4



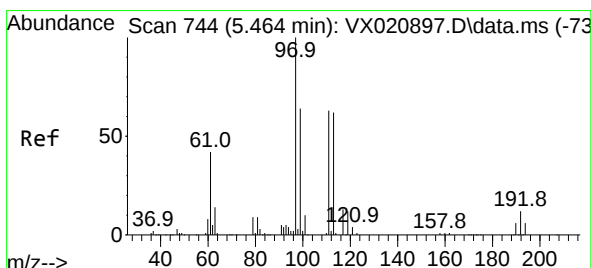
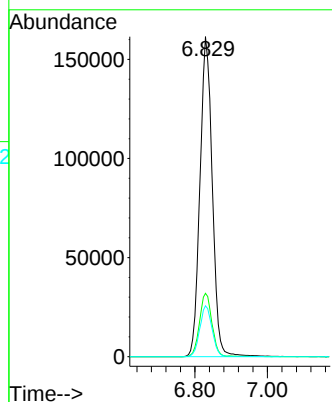
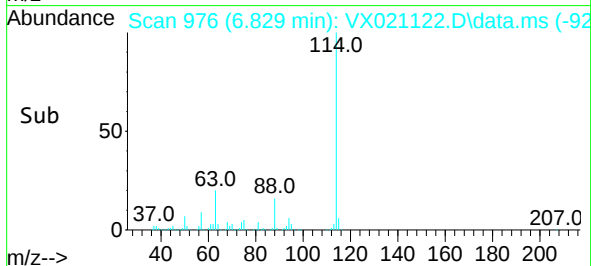


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

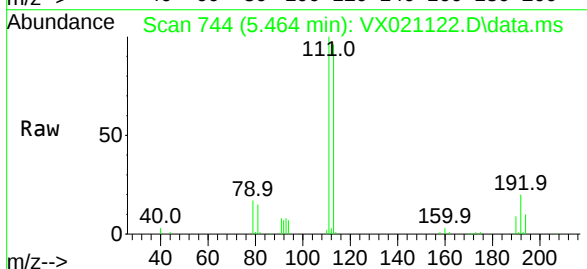
Instrument :
MSVOA_X
ClientSampleId :



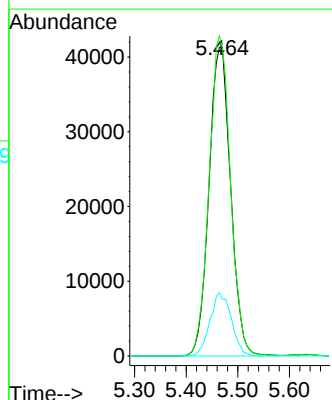
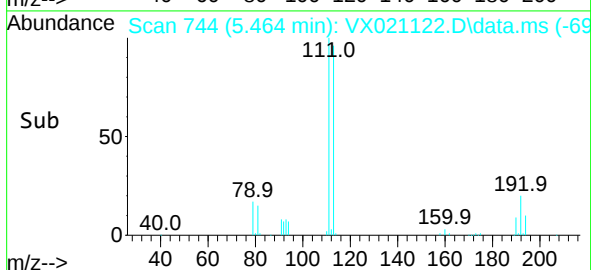
Tgt Ion:114 Resp: 381226
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 15.9 0.0 32.8

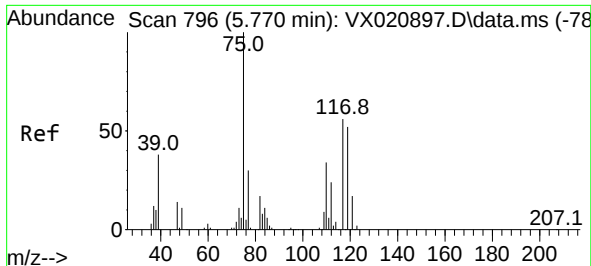


#35
Dibromofluoromethane
Concen: 52.00 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16



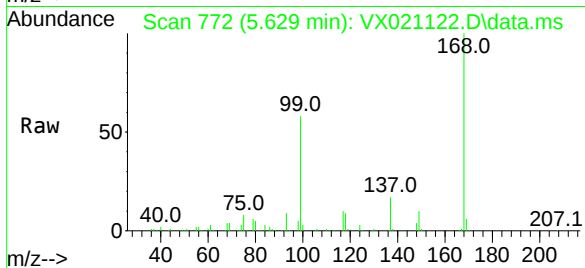
Tgt Ion:113 Resp: 120437
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 20.2 16.7 25.1



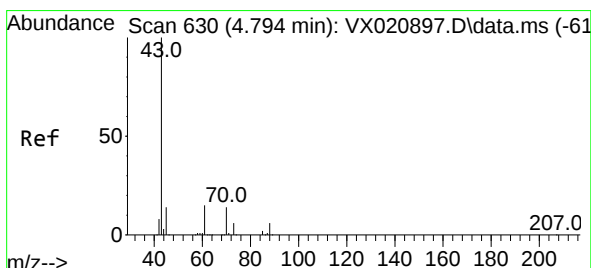
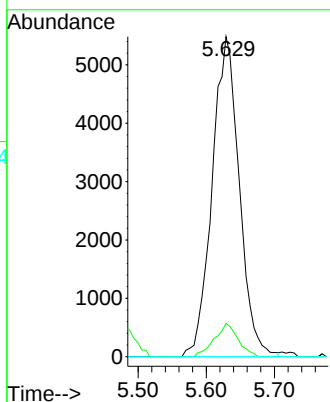
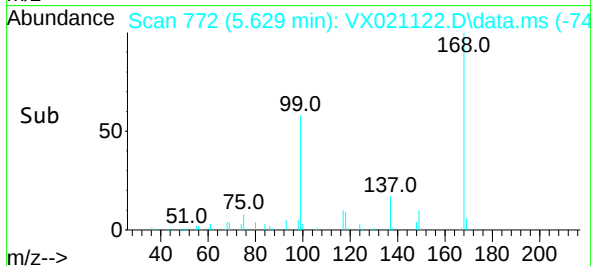


#36
1,1-Dichloropropene
Concen: 4.20 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

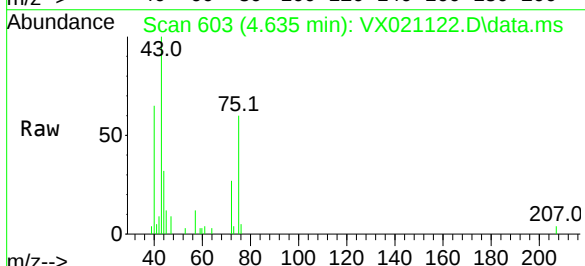
Instrument :
MSVOA_X
ClientSampled :



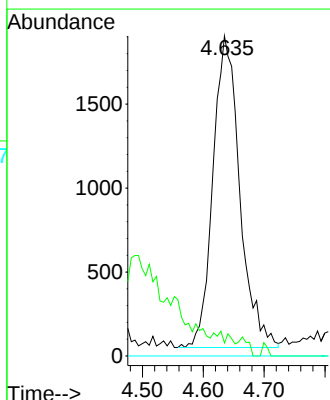
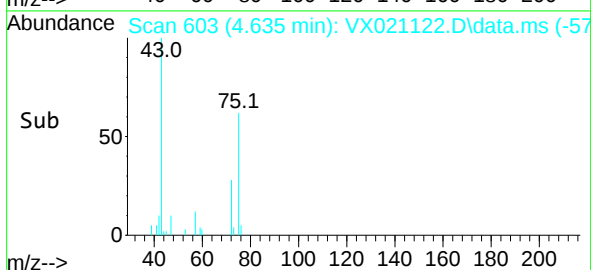
Tgt Ion: 75 Resp: 15205
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#

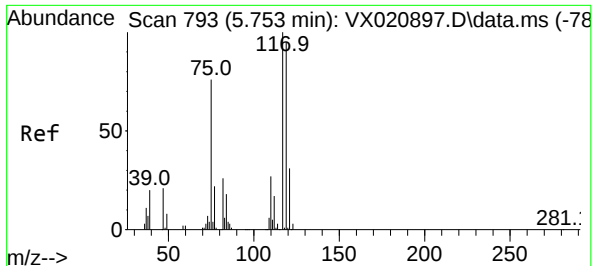


#37
Ethyl Acetate
Concen: 1.64 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.159 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16



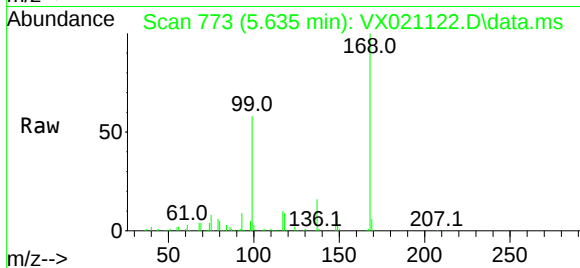
Tgt Ion: 43 Resp: 5669
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



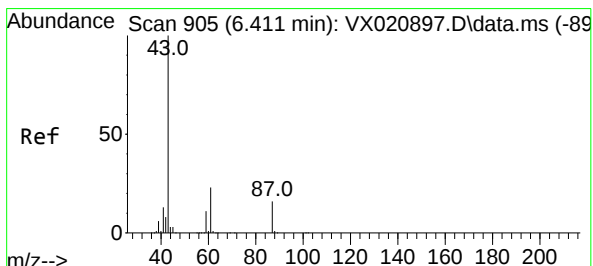
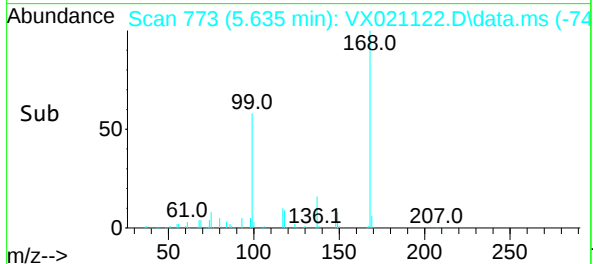
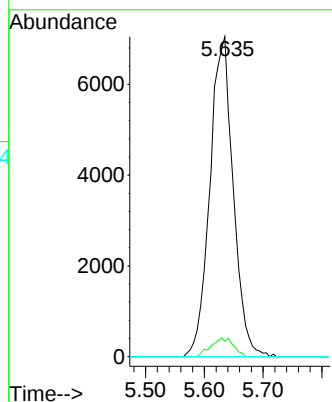


#38
Carbon Tetrachloride
Concen: 5.54 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.118 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

Instrument :
MSVOA_X
ClientSampled :

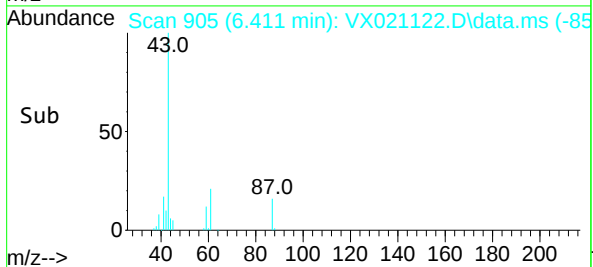
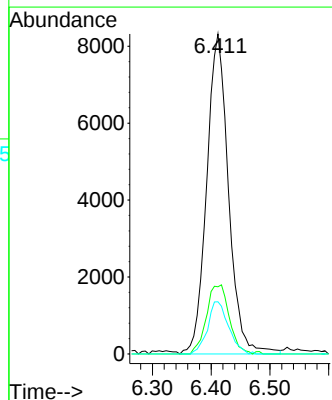
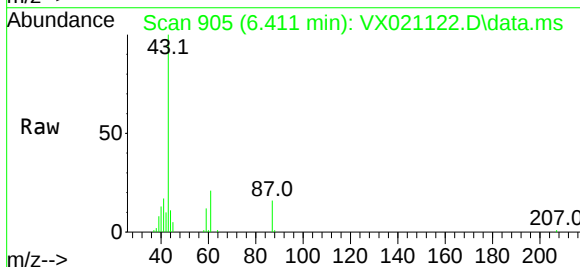


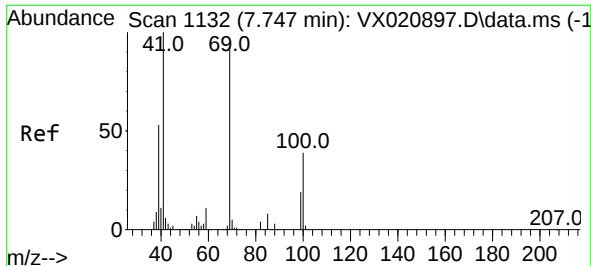
Tgt Ion: 117 Resp: 19456
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 3.67 ug/l
RT: 6.411 min Scan# 905
Delta R.T. -0.000 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

Tgt Ion: 43 Resp: 21490
Ion Ratio Lower Upper
43 100
61 22.4 18.2 27.4
87 15.7 12.5 18.7





#48

Methyl methacrylate

Concen: 1.87 ug/l

RT: 7.653 min Scan# 1116

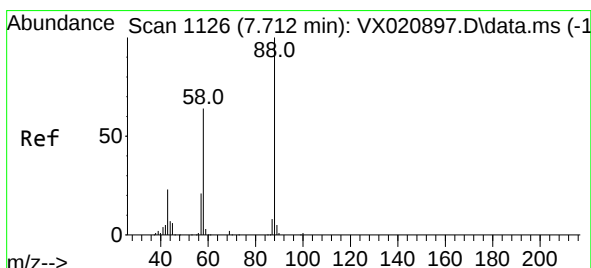
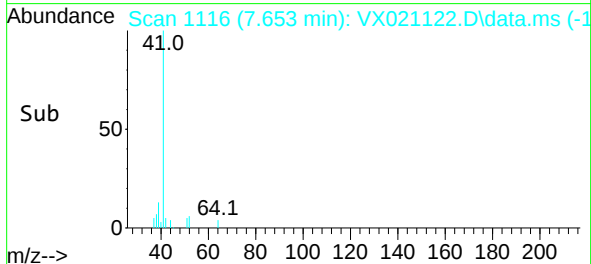
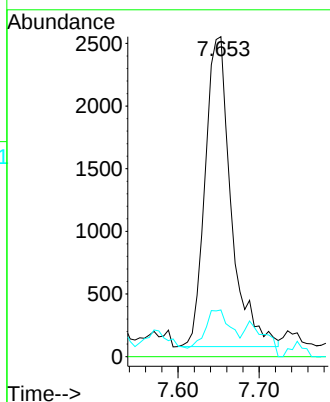
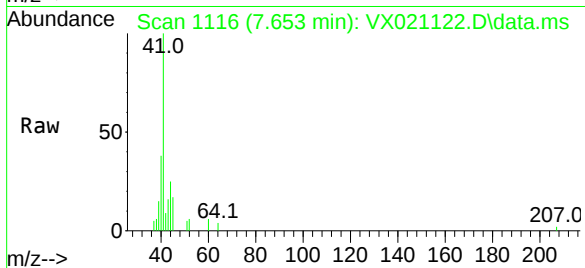
Delta R.T. -0.094 min

Lab File: VX021122.D

Acq: 09 Mar 2021 20:16

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	41	Resp:	5493
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: 3.77 ug/l

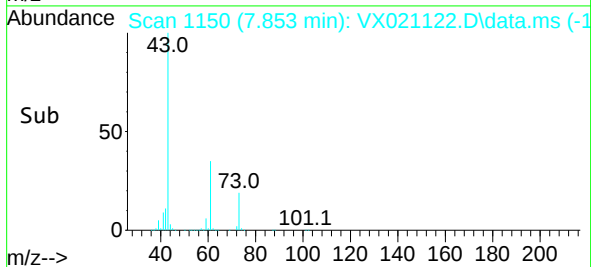
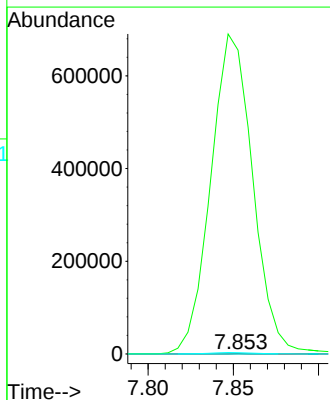
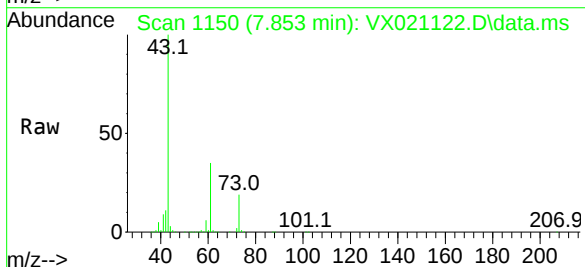
RT: 7.853 min Scan# 1150

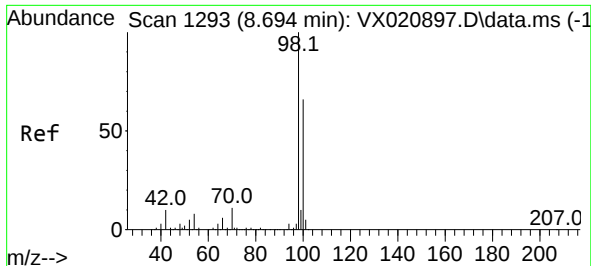
Delta R.T. 0.141 min

Lab File: VX021122.D

Acq: 09 Mar 2021 20:16

Tgt Ion:	88	Resp:	259
Ion	Ratio	Lower	Upper
88	100		
43	461708.1	23.2	34.8#
58	2188.4	55.0	82.4#

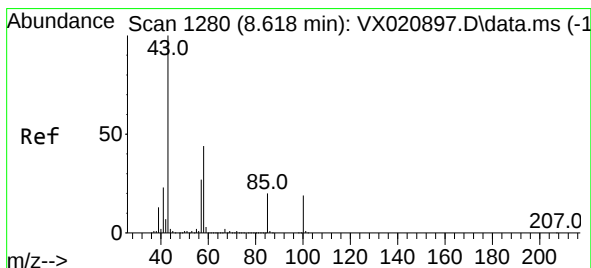
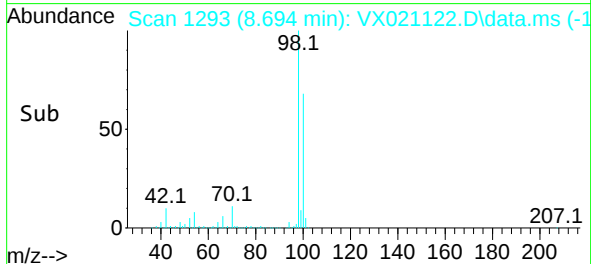
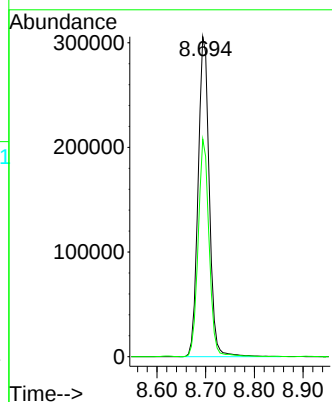
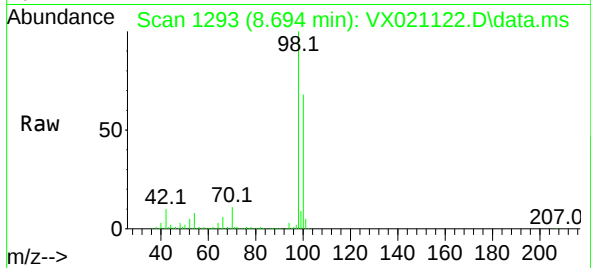




#50
Toluene-d8
Concen: 54.24 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

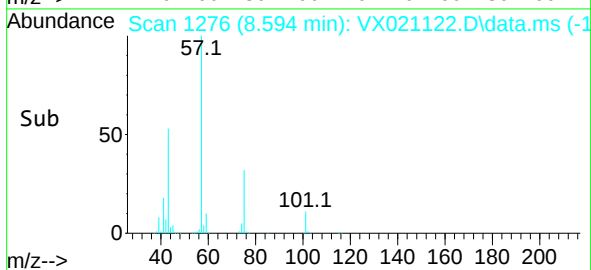
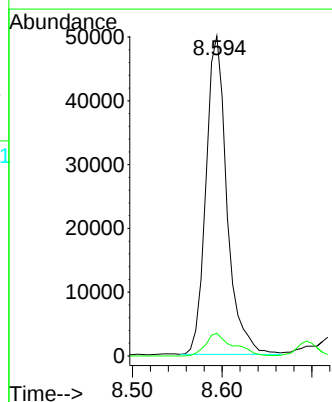
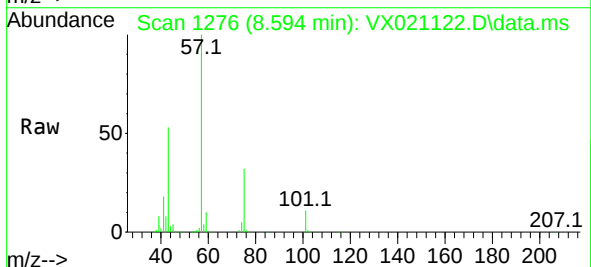
Instrument :
MSVOA_X
ClientSampled :

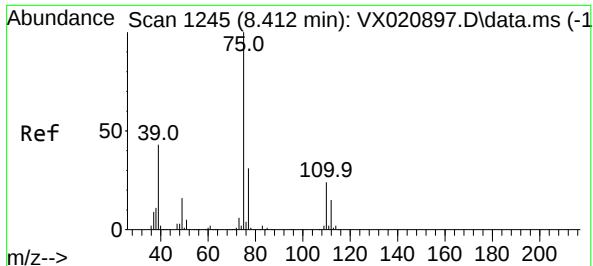
Tgt Ion: 98 Resp: 489860
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 23.71 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. -0.024 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

Tgt Ion: 43 Resp: 80937
Ion Ratio Lower Upper
43 100
58 9.3 35.4 53.0#

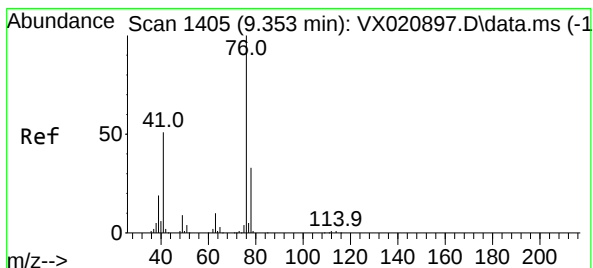
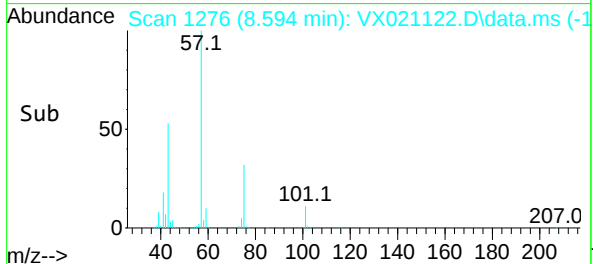
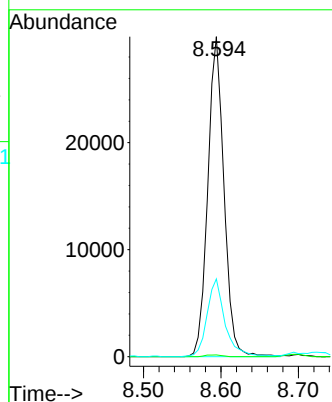
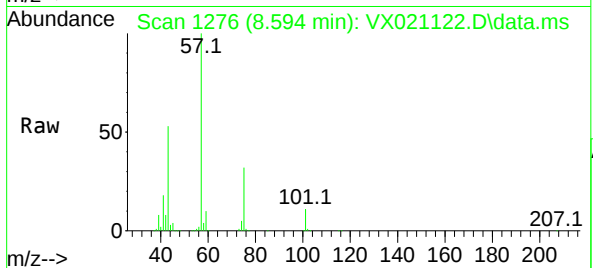




#54
cis-1,3-Dichloropropene
Concen: 9.25 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. 0.182 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

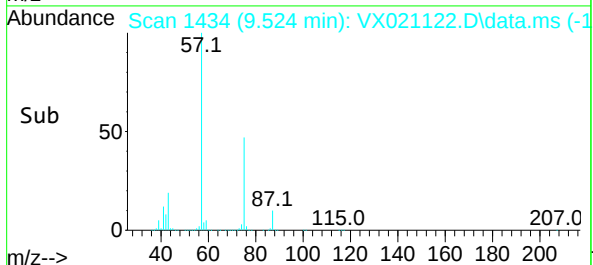
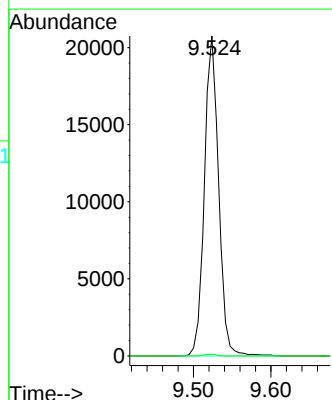
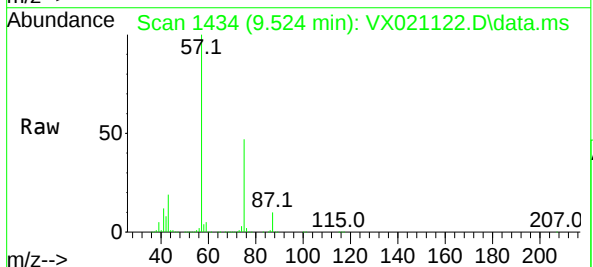
Instrument :
MSVOA_X
ClientSampleId :

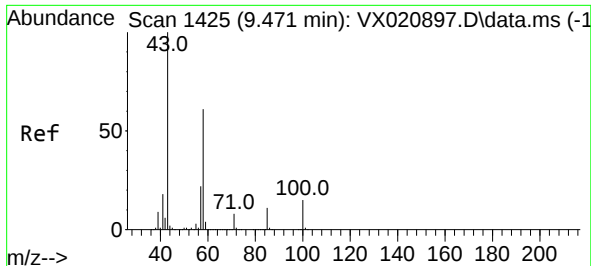
Tgt Ion: 75 Resp: 43399
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 24.3 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 5.77 ug/l
RT: 9.524 min Scan# 1434
Delta R.T. 0.171 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

Tgt Ion: 76 Resp: 26443
Ion Ratio Lower Upper
76 100
78 0.5 26.2 39.2#

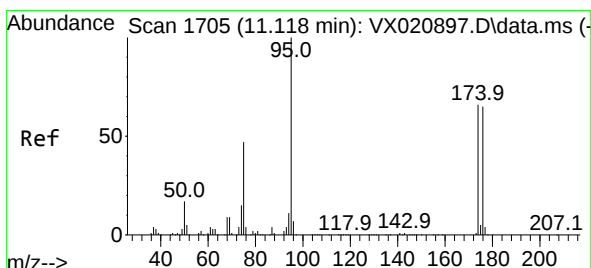
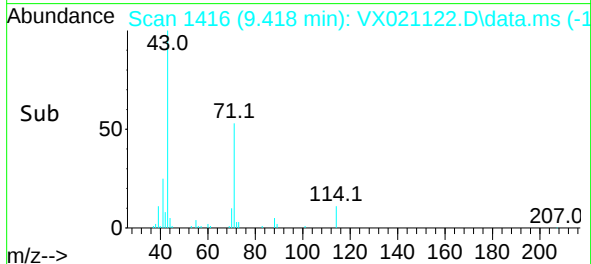
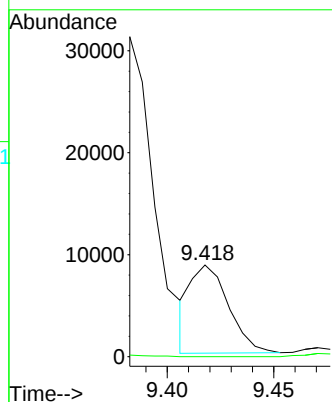
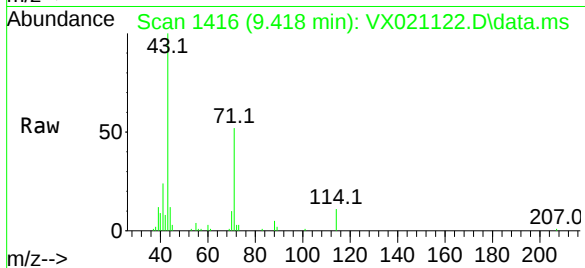




#59
2-Hexanone
Concen: 4.21 ug/l
RT: 9.418 min Scan# 1416
Delta R.T. -0.053 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

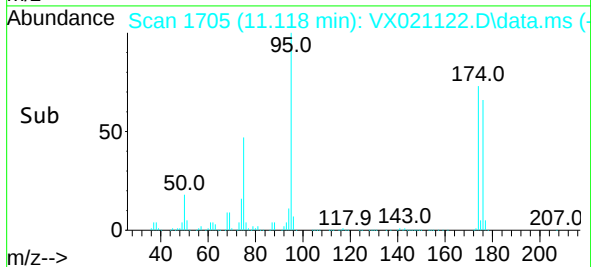
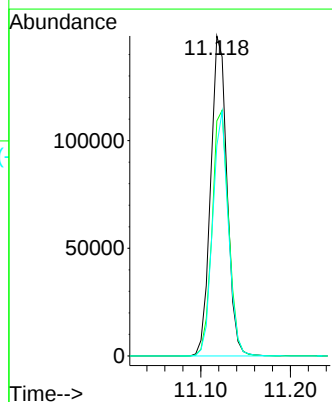
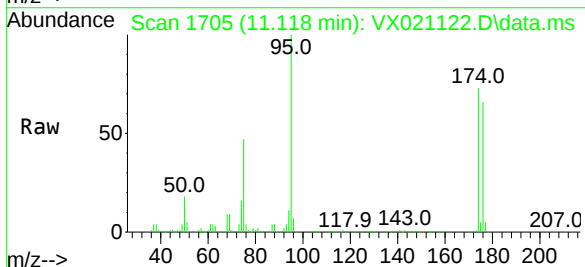
Instrument :
MSVOA_X
ClientSampleId :

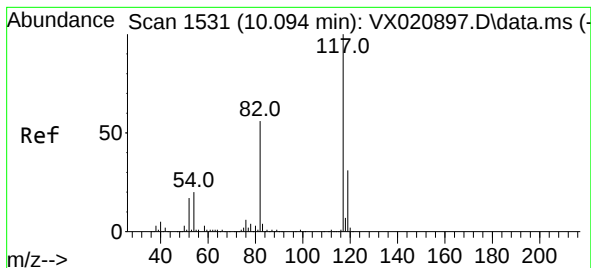
Tgt Ion: 43 Resp: 10796
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 56.16 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

Tgt Ion: 95 Resp: 187551
Ion Ratio Lower Upper
95 100
174 77.9 0.0 154.6
176 73.7 0.0 155.8

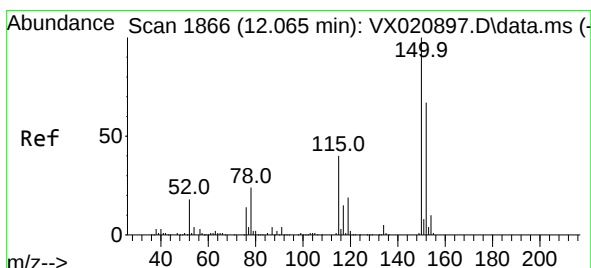
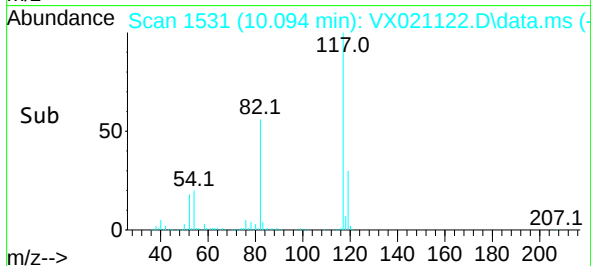
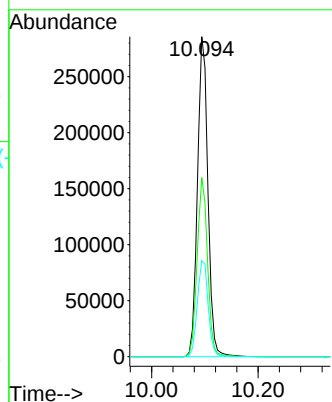
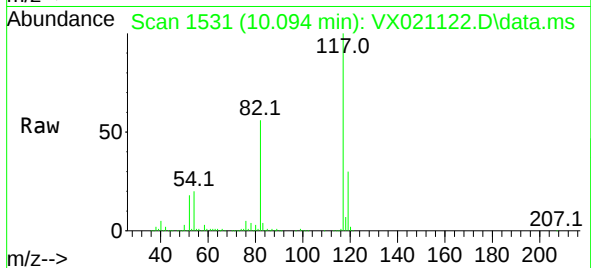




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

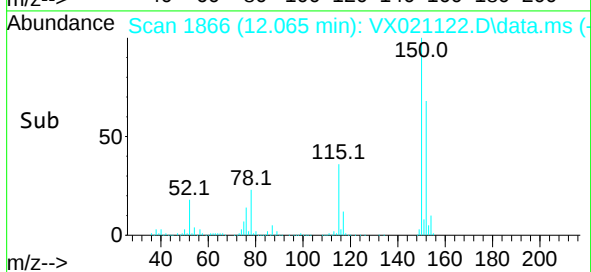
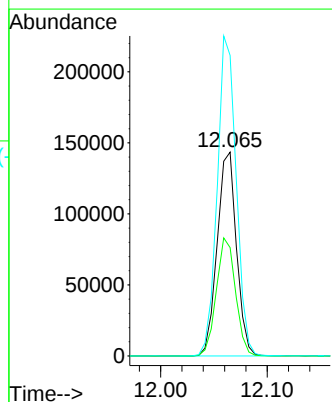
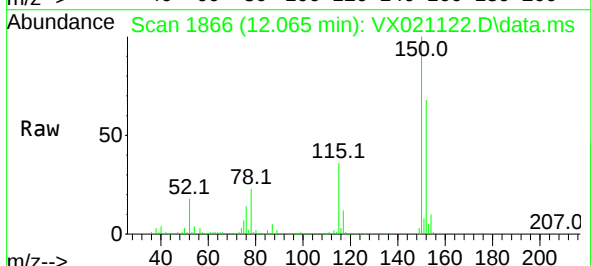
Instrument :
MSVOA_X
ClientSampled :

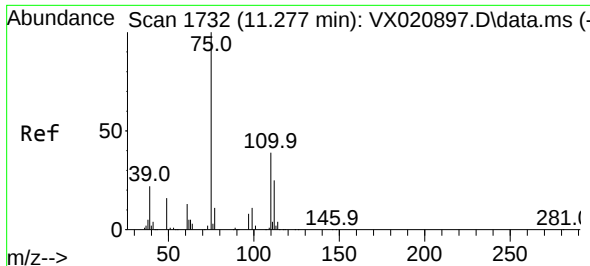
Tgt Ion:117 Resp: 388503
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 30.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

Tgt Ion:152 Resp: 180550
Ion Ratio Lower Upper
152 100
115 57.5 41.1 123.3
150 153.8 0.0 349.0

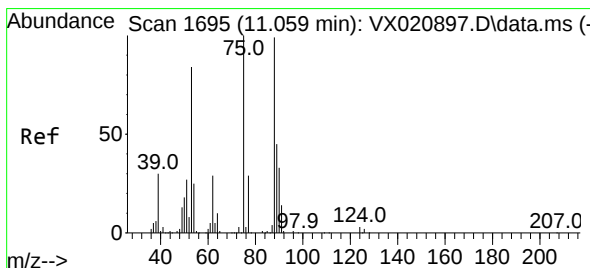
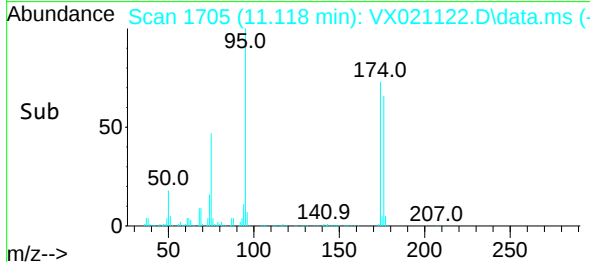
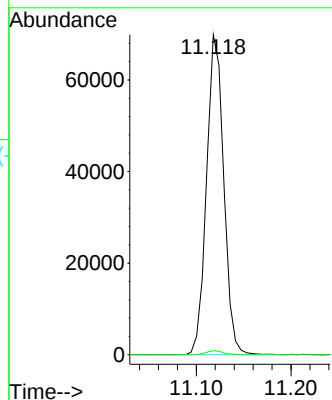
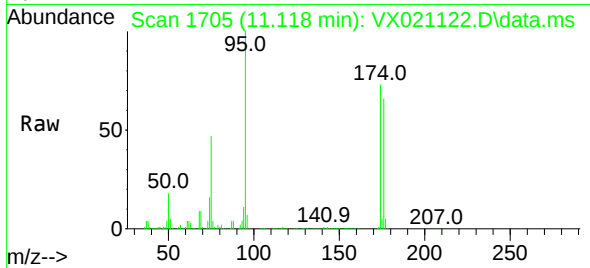




#76
1,2,3-Trichloropropane
Concen: 22.68 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 88106
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.22 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021122.D
Acq: 09 Mar 2021 20:16

Tgt Ion: 75 Resp: 88106
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

