

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020973.D
 Acq On : 02 Mar 2021 18:42
 Operator : JC/MD
 Sample : M1545-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 03 01:17:38 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)

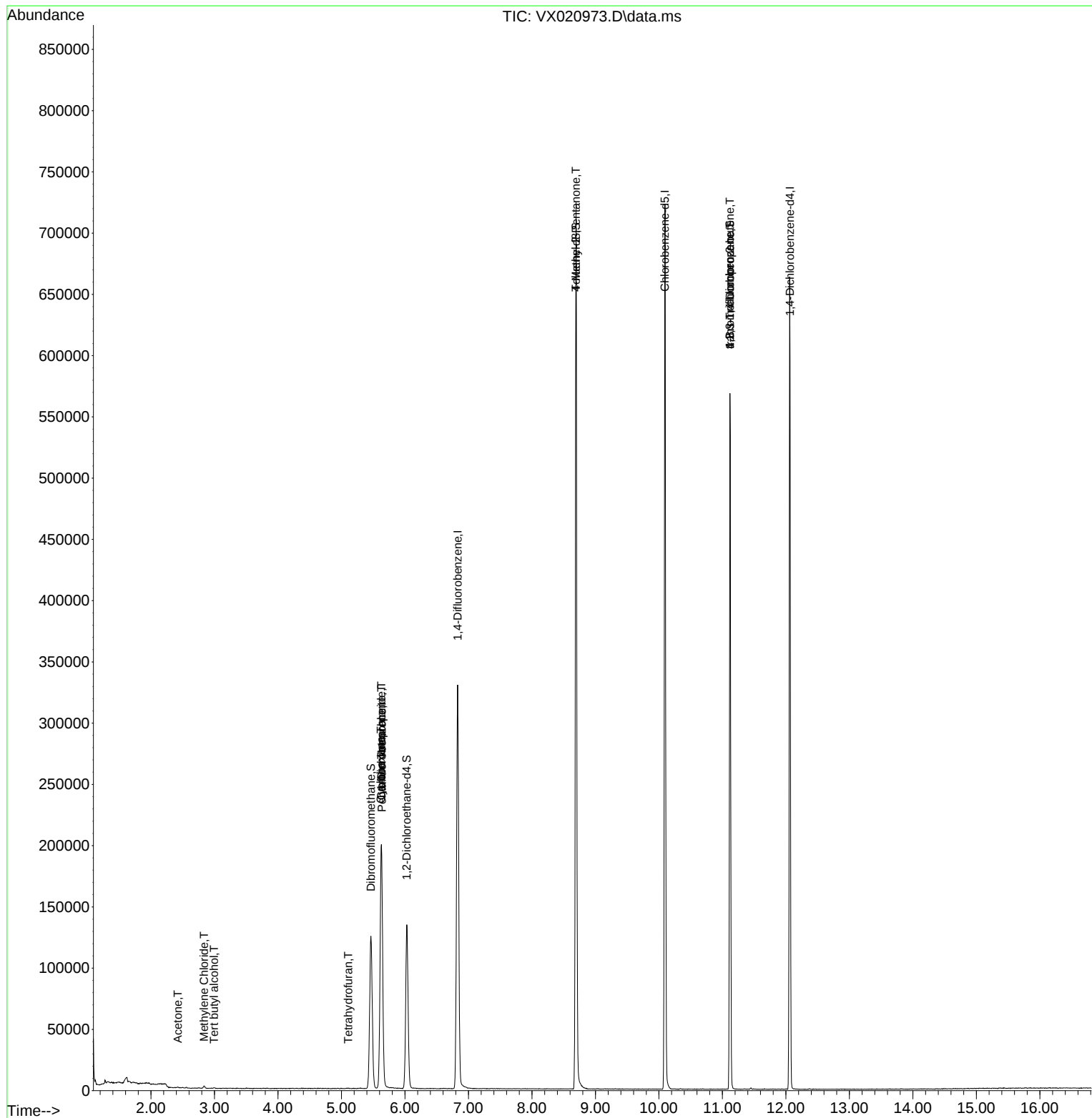
Internal Standards						
1) Pentafluorobenzene	5.635	168	199445	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	350773	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	349289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	140326	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	124665	46.28	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.56%
35) Dibromofluoromethane	5.464	113	108890	51.09	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.18%
50) Toluene-d8	8.694	98	442029	53.19	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.38%
62) 4-Bromofluorobenzene	11.118	95	158879	51.71	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.42%
Target Compounds						
					Qvalue	
5) Bromomethane	1.640	94	366	Below Cal	#	43
11) Tert butyl alcohol	2.993	59	182	0.30 ug/l	#	73
16) Acetone	2.423	43	961	0.87 ug/l		90
20) Methylene Chloride	2.834	84	985	0.37 ug/l		95
29) Tetrahydrofuran	5.105	42	244	0.23 ug/l	#	27
31) Cyclohexane	5.623	56	3846	0.99 ug/l	#	1
36) 1,1-Dichloropropene	5.629	75	14780	4.43 ug/l	#	48
38) Carbon Tetrachloride	5.629	117	18523	5.73 ug/l	#	15
51) 4-Methyl-2-Pentanone	8.694	43	1816	0.58 ug/l	#	1
76) 1,2,3-Trichloropropane	11.118	75	75496	25.01 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	75496	55.37 ug/l	#	12

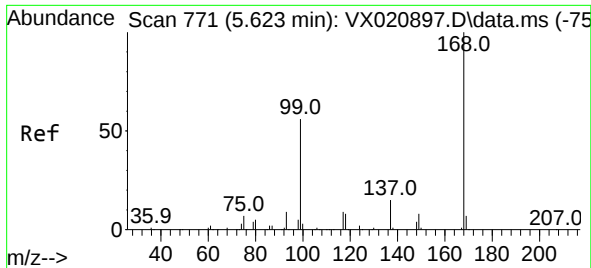
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 03 01:17:38 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

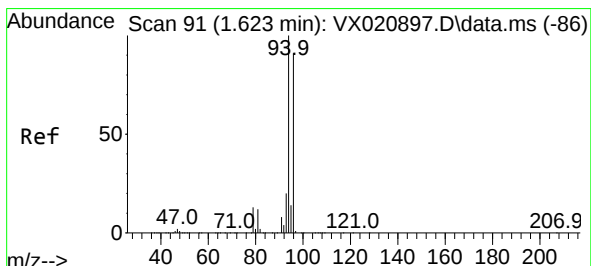
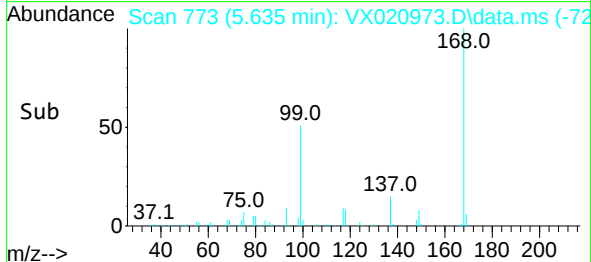
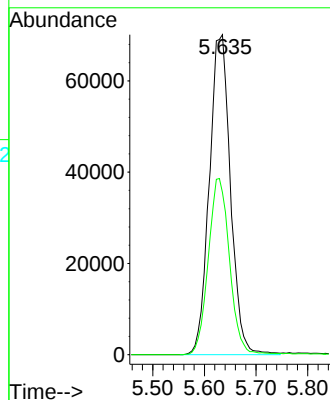
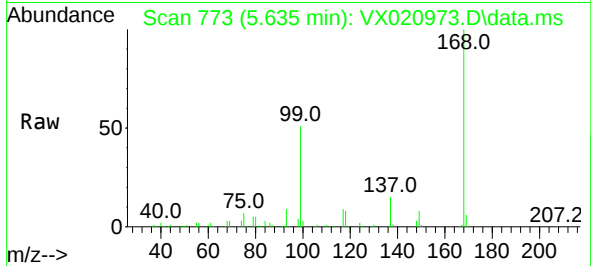




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX020973.D
Acq: 02 Mar 2021 18:42

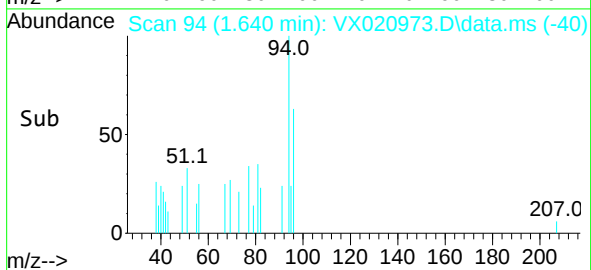
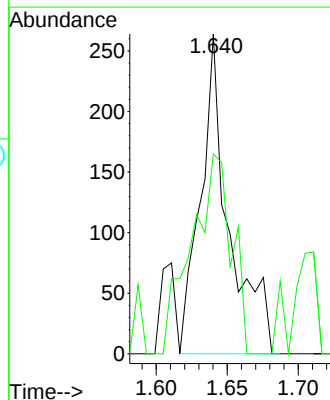
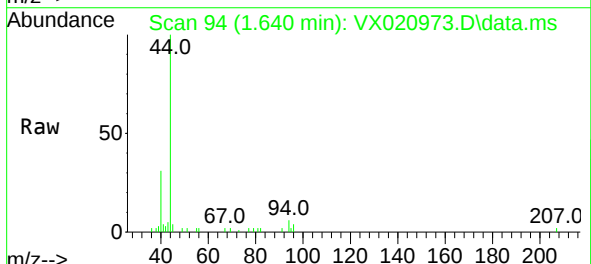
Instrument :
MSVOA_X
ClientSampleId :

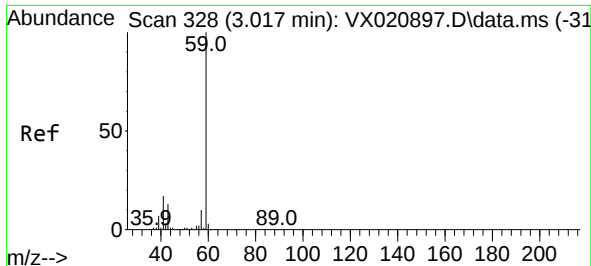
Tgt Ion:168 Resp: 199445
Ion Ratio Lower Upper
168 100
99 50.7 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX020973.D
Acq: 02 Mar 2021 18:42

Tgt Ion: 94 Resp: 366
Ion Ratio Lower Upper
94 100
96 39.8 76.4 114.6#



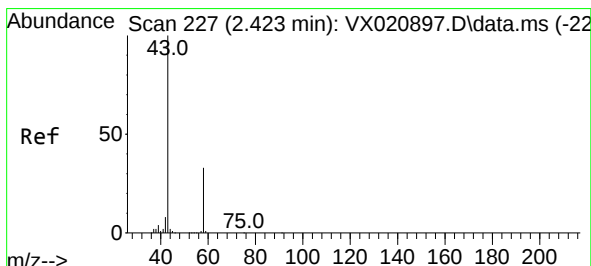
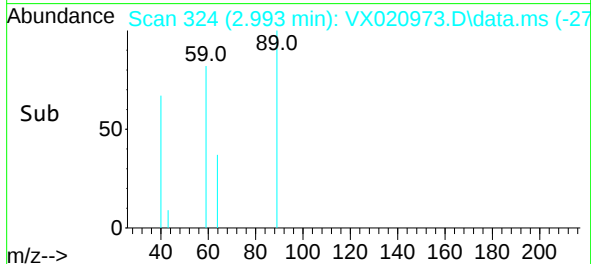
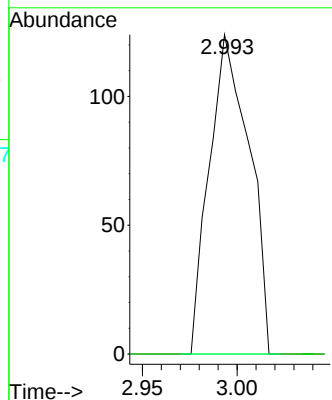
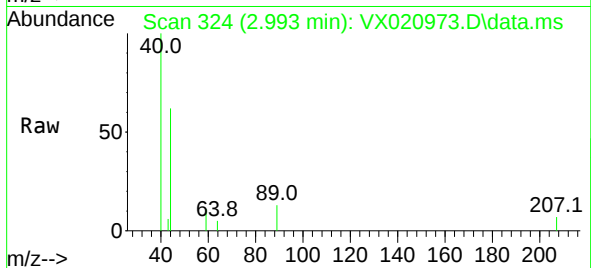


#11

Tert butyl alcohol
Concen: 0.30 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX020973.D
Acq: 02 Mar 2021 18:42

Instrument :
MSVOA_X
ClientSampleId :

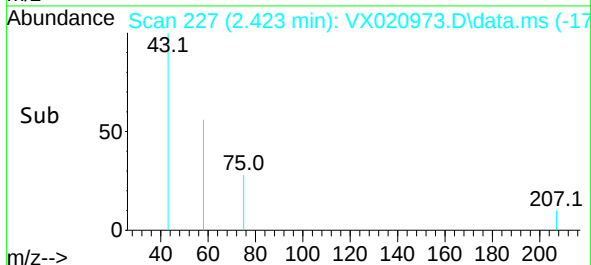
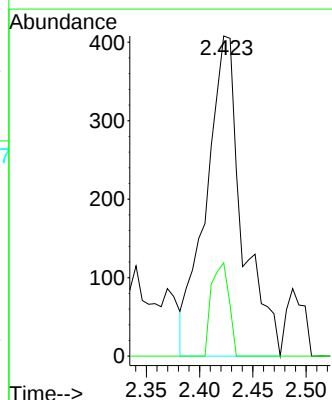
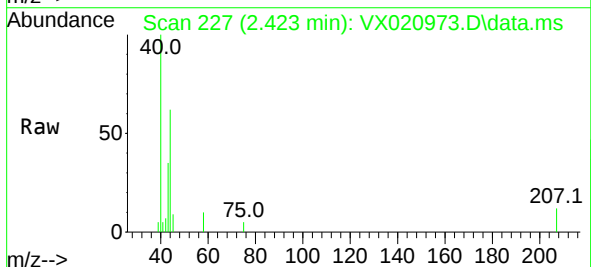
Tgt Ion: 59 Resp: 182
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

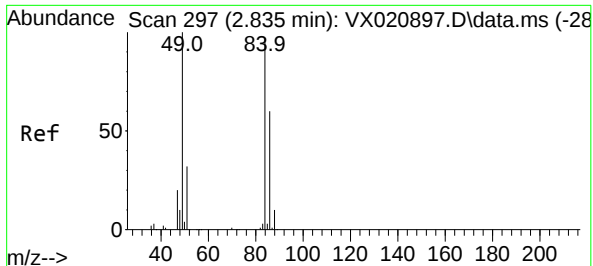


#16

Acetone
Concen: 0.87 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX020973.D
Acq: 02 Mar 2021 18:42

Tgt Ion: 43 Resp: 961
Ion Ratio Lower Upper
43 100
58 29.2 27.8 41.8





#20

Methylene Chloride

Concen: 0.37 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.000 min

Lab File: VX020973.D

Acq: 02 Mar 2021 18:42

Tgt Ion: 84 Resp: 985

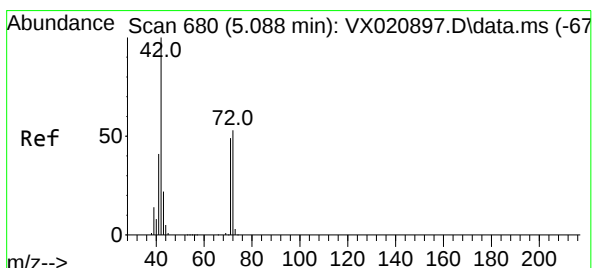
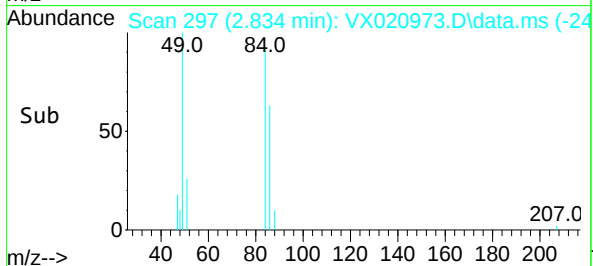
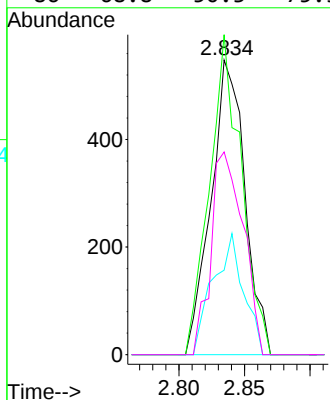
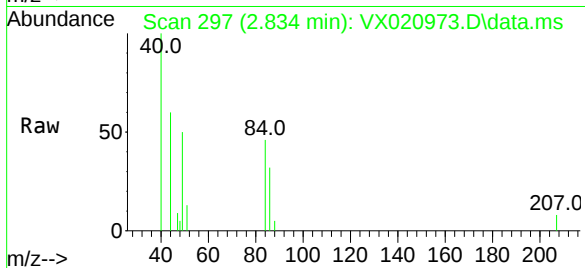
Ion Ratio Lower Upper

84 100

49 108.6 88.6 132.8

51 28.6 27.0 40.6

86 68.8 50.3 75.5



#29

Tetrahydrofuran

Concen: 0.23 ug/l

RT: 5.105 min Scan# 683

Delta R.T. 0.018 min

Lab File: VX020973.D

Acq: 02 Mar 2021 18:42

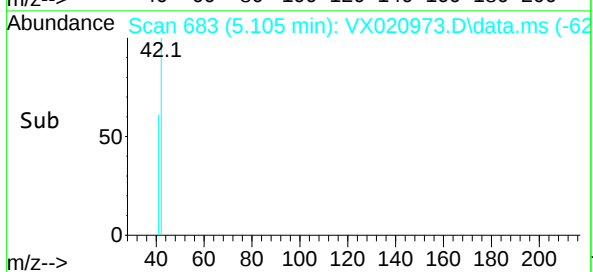
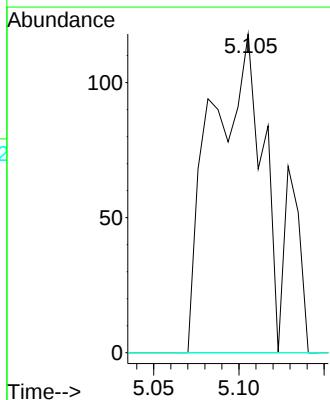
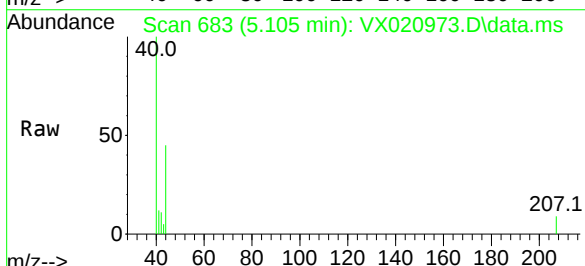
Tgt Ion: 42 Resp: 244

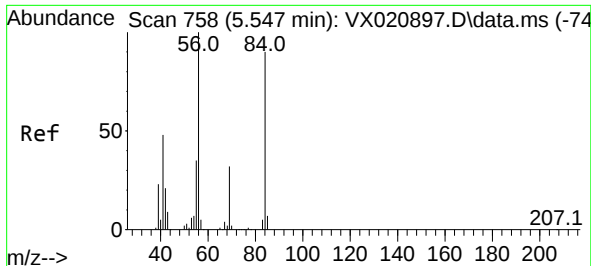
Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

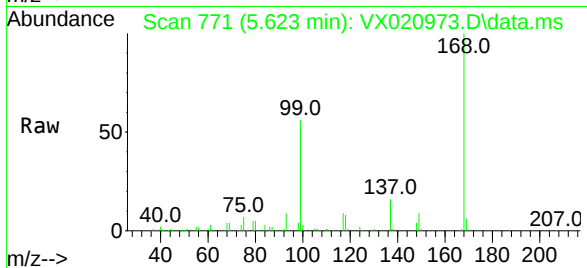
71 0.0 38.4 57.6#



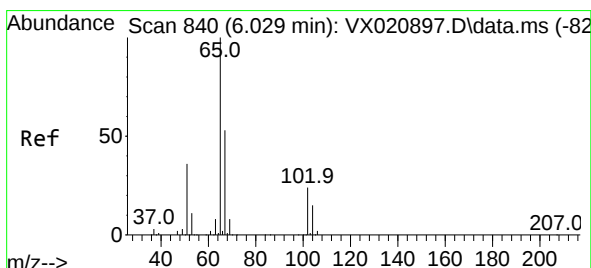
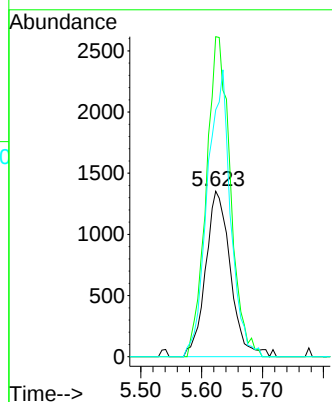
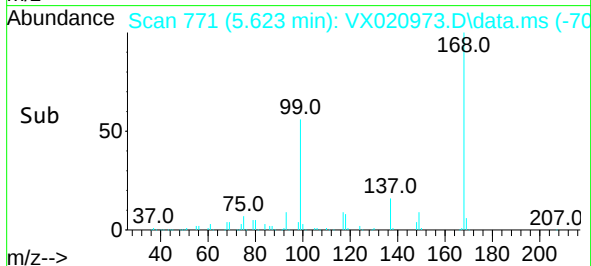


#31
Cyclohexane
Concen: 0.99 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX020973.D
Acq: 02 Mar 2021 18:42

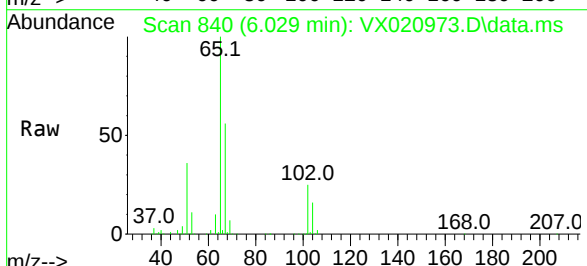
Instrument :
MSVOA_X
ClientSampled :



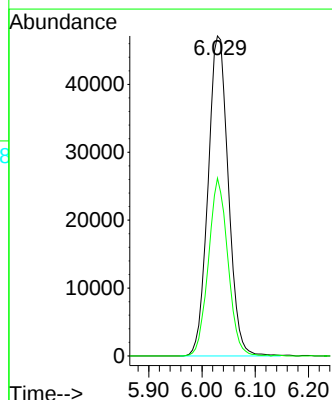
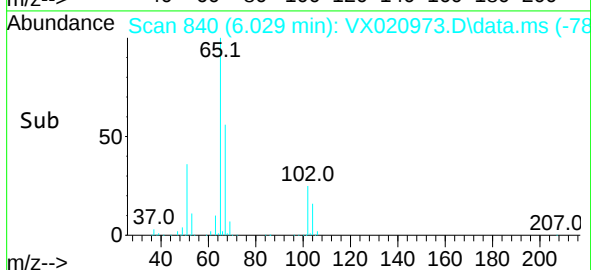
Tgt Ion: 56 Resp: 3846
Ion Ratio Lower Upper
56 100
69 193.3 25.3 37.9#
84 149.2 71.4 107.0#

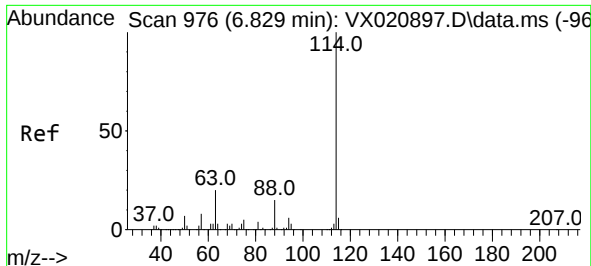


#33
1,2-Dichloroethane-d4
Concen: 46.28 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX020973.D
Acq: 02 Mar 2021 18:42



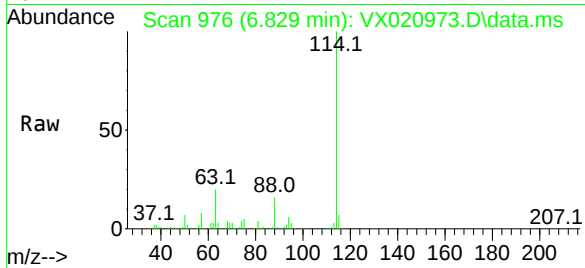
Tgt Ion: 65 Resp: 124665
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4



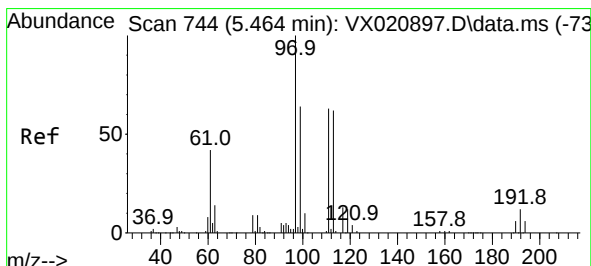
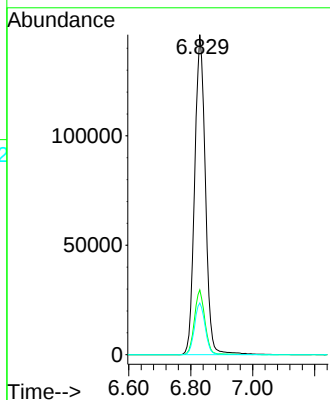
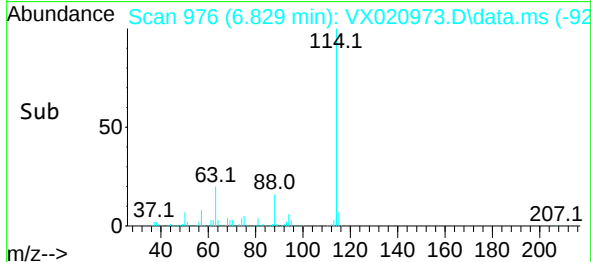


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX020973.D
Acq: 02 Mar 2021 18:42

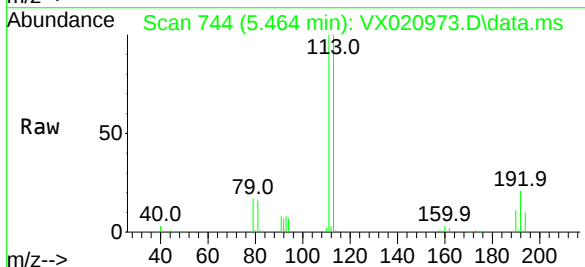
Instrument :
MSVOA_X
ClientSampled :



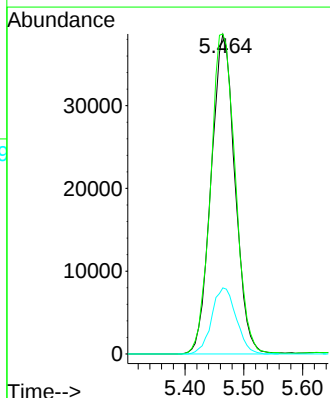
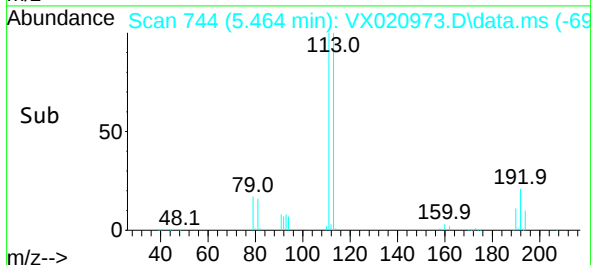
Tgt Ion:114 Resp: 350773
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.2 0.0 32.8

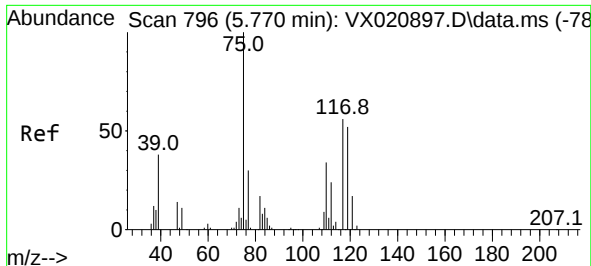


#35
Dibromofluoromethane
Concen: 51.09 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020973.D
Acq: 02 Mar 2021 18:42



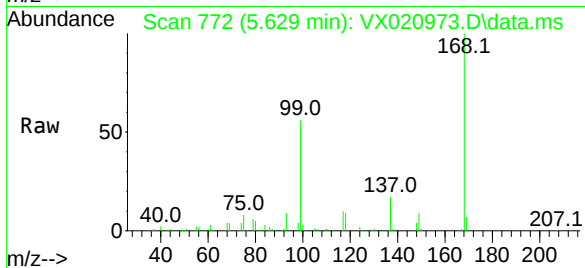
Tgt Ion:113 Resp: 108890
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 21.2 16.7 25.1



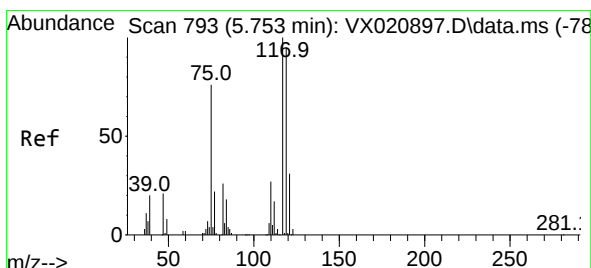
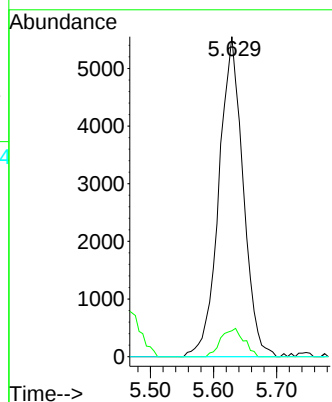
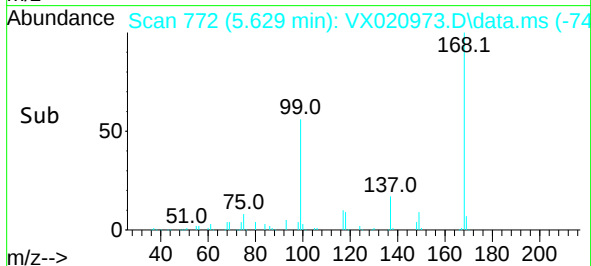


#36
1,1-Dichloropropene
Concen: 4.43 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX020973.D
Acq: 02 Mar 2021 18:42

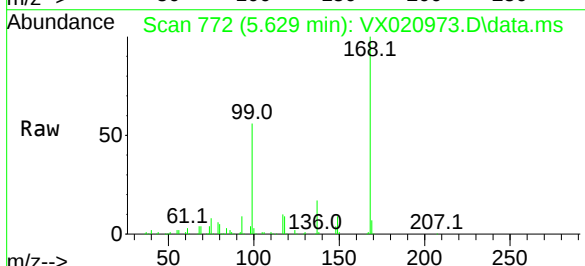
Instrument :
MSVOA_X
ClientSampled :



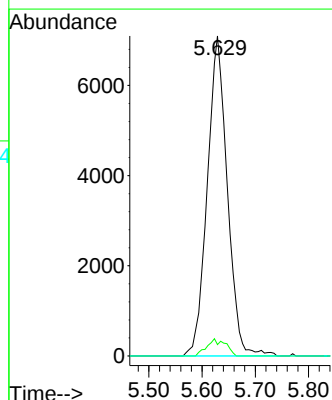
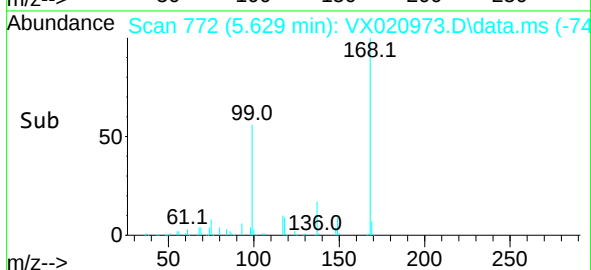
Tgt Ion: 75 Resp: 14780
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#

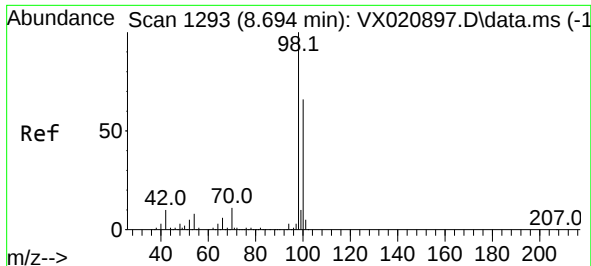


#38
Carbon Tetrachloride
Concen: 5.73 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX020973.D
Acq: 02 Mar 2021 18:42



Tgt Ion: 117 Resp: 18523
Ion Ratio Lower Upper
117 100
119 3.6 76.2 114.2#
121 0.0 24.8 37.2#

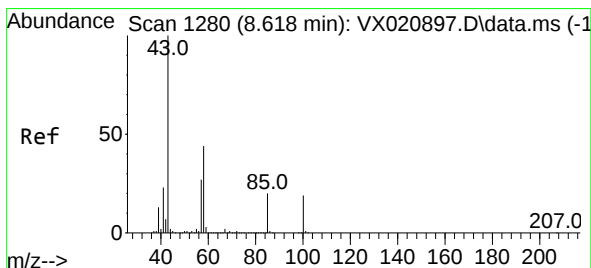
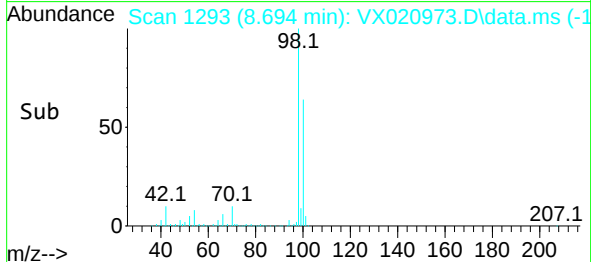
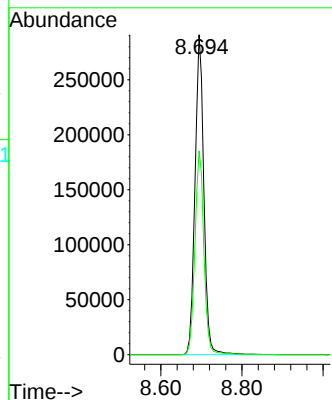
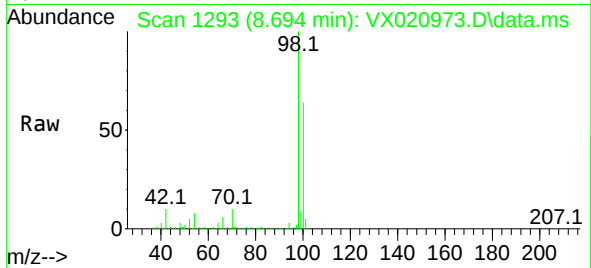




#50
Toluene-d8
Concen: 53.19 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020973.D
Acq: 02 Mar 2021 18:42

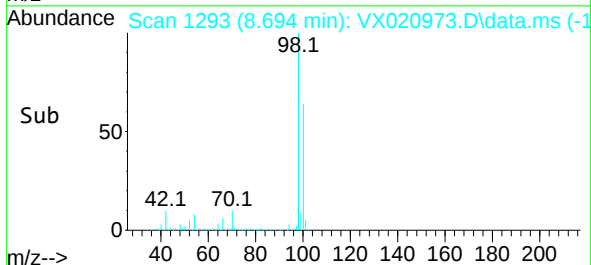
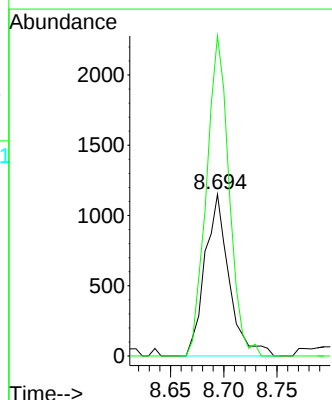
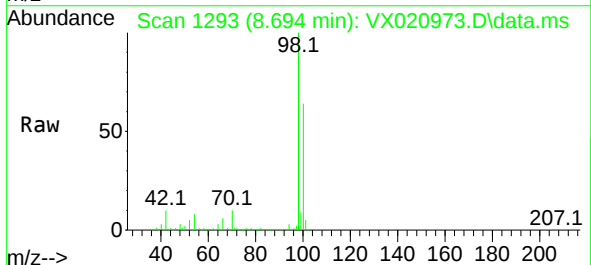
Instrument :
MSVOA_X
ClientSampled :

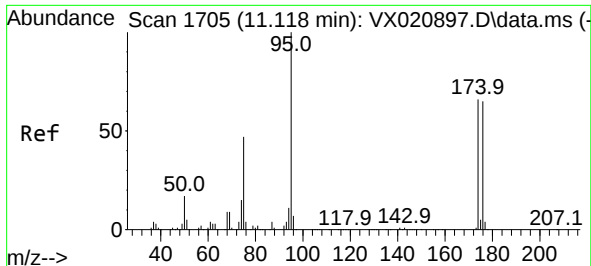
Tgt Ion: 98 Resp: 442029
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VX020973.D
Acq: 02 Mar 2021 18:42

Tgt Ion: 43 Resp: 1816
Ion Ratio Lower Upper
43 100
58 185.2 35.4 53.0#

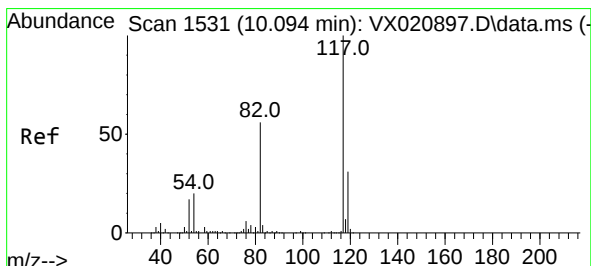
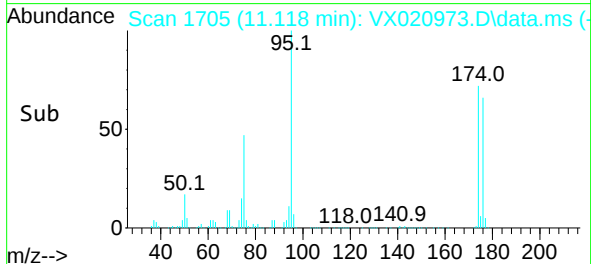
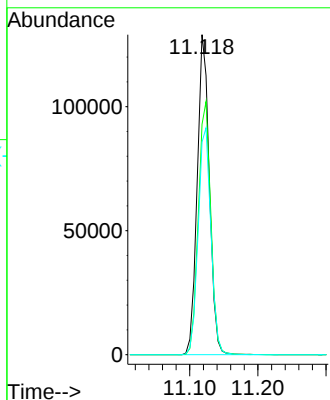
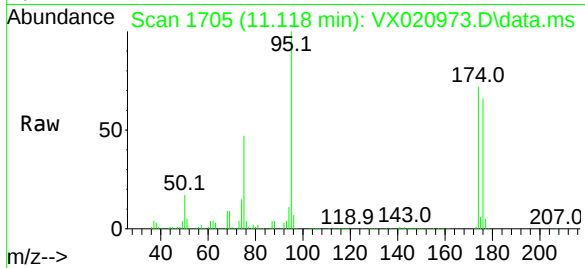




#62
4-Bromofluorobenzene
Concen: 51.71 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020973.D
Acq: 02 Mar 2021 18:42

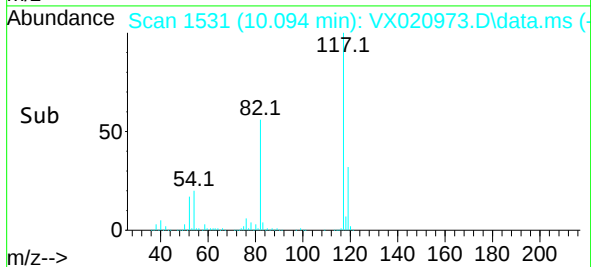
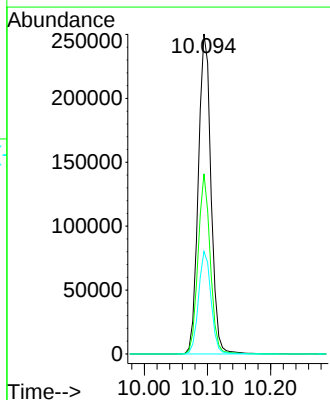
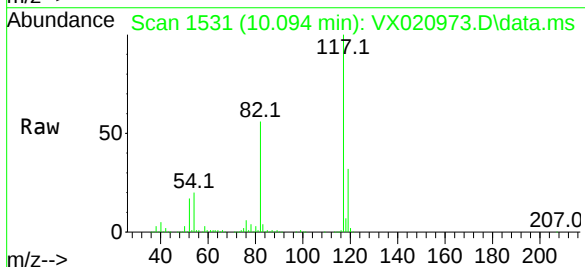
Instrument :
MSVOA_X
ClientSampleId :

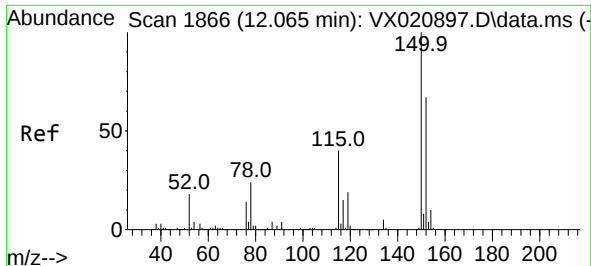
Tgt Ion: 95 Resp: 158879
Ion Ratio Lower Upper
95 100
174 81.6 0.0 154.6
176 74.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020973.D
Acq: 02 Mar 2021 18:42

Tgt Ion: 117 Resp: 349289
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 32.0 26.6 39.8

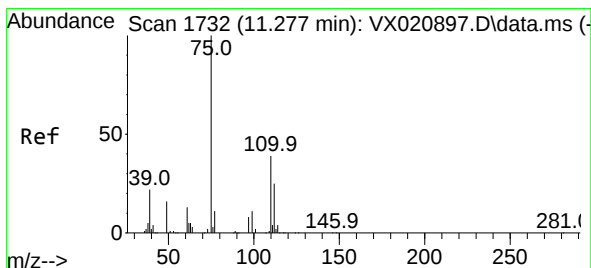
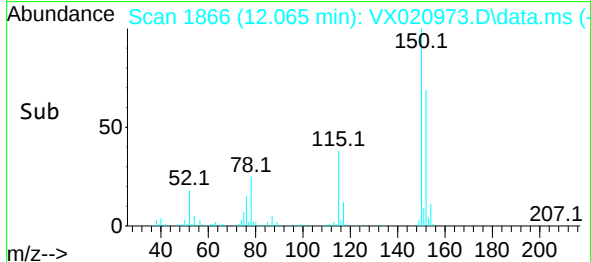
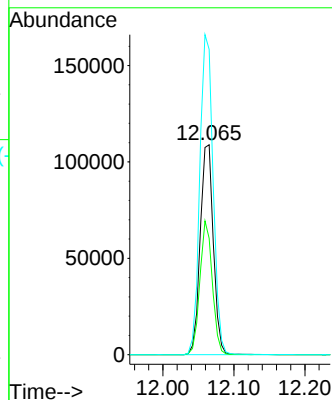
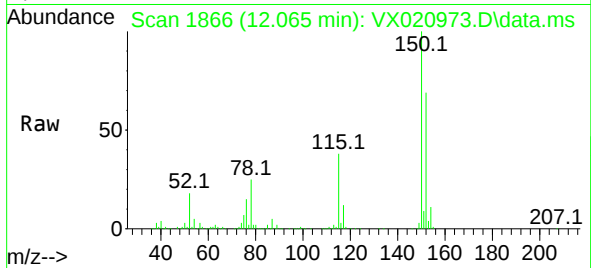




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX020973.D
Acq: 02 Mar 2021 18:42

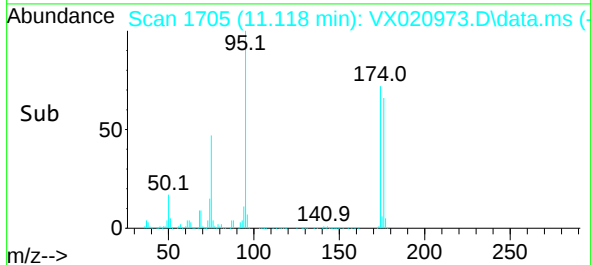
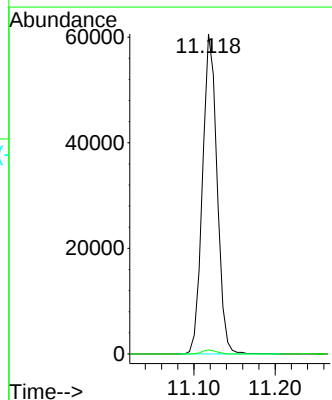
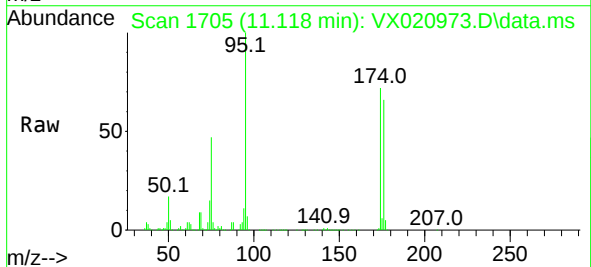
Instrument :
MSVOA_X
ClientSampleId :

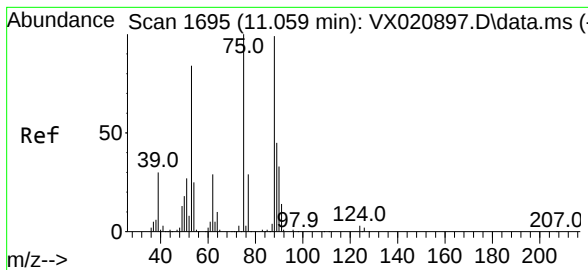
Tgt Ion:152 Resp: 140326
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 154.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.01 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020973.D
Acq: 02 Mar 2021 18:42

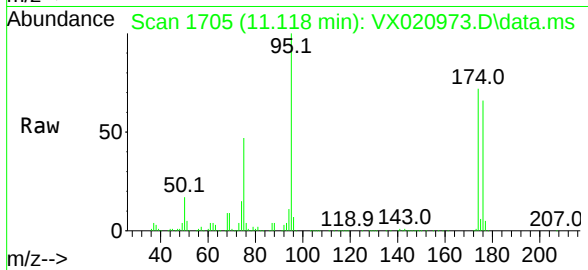
Tgt Ion: 75 Resp: 75496
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.37 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX020973.D
 Acq: 02 Mar 2021 18:42

Instrument :
 MSVOA_X
 ClientSampleId :



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

