

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021119.D
 Acq On : 09 Mar 2021 19:07
 Operator : JC/MD
 Sample : PB135055TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 10 00:34:34 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)

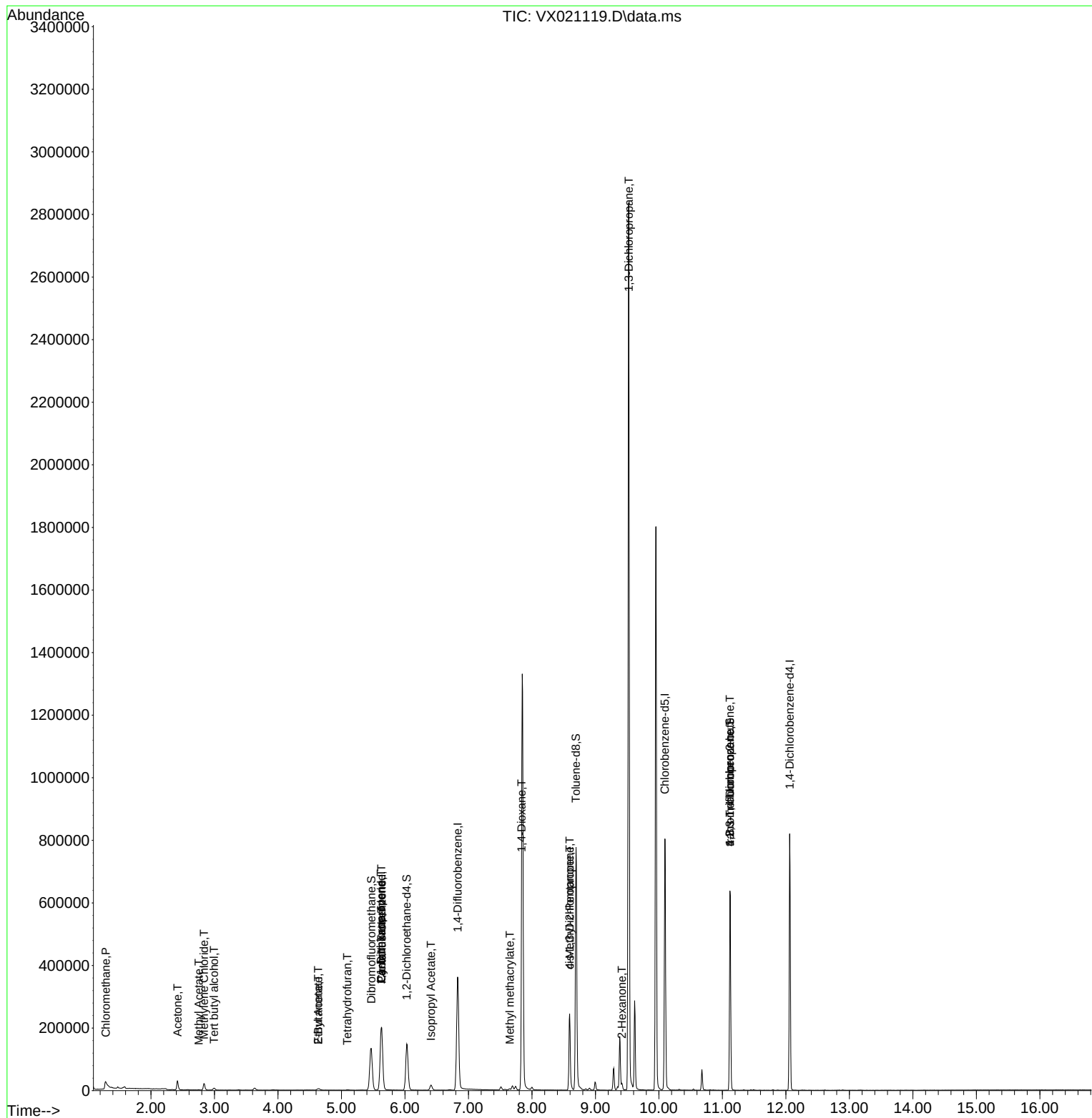
Internal Standards						
1) Pentafluorobenzene	5.635	168	203729	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	376245	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	371503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	167261	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	137840	50.09	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.18%
35) Dibromofluoromethane	5.470	113	119669	52.35	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.70%
50) Toluene-d8	8.694	98	476903	53.50	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.00%
62) 4-Bromofluorobenzene	11.118	95	181671	55.12	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	110.24%
Target Compounds						Qvalue
3) Chloromethane	1.287	50	612	0.25	ug/l #	42
5) Bromomethane	1.634	94	268	Below Cal	#	65
11) Tert butyl alcohol	2.993	59	3798	6.20	ug/l #	73
16) Acetone	2.417	43	29350	25.88	ug/l	98
18) Methyl Acetate	2.752	43	1101	0.41	ug/l	99
20) Methylene Chloride	2.834	84	10088	3.71	ug/l	98
25) 2-Butanone	4.635	43	5779	3.35	ug/l	98
29) Tetrahydrofuran	5.093	42	895	0.81	ug/l #	27
31) Cyclohexane	5.629	56	4109	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	15258	4.27	ug/l #	49
37) Ethyl Acetate	4.635	43	5779	1.70	ug/l #	64
38) Carbon Tetrachloride	5.629	117	19320	5.58	ug/l #	15
43) Isopropyl Acetate	6.411	43	20555	3.55	ug/l	99
48) Methyl methacrylate	7.653	41	5341	1.84	ug/l #	10
49) 1,4-Dioxane	7.835	88	179	2.64	ug/l #	1
51) 4-Methyl-2-Pentanone	8.594	43	79427	23.57	ug/l #	46
54) cis-1,3-Dichloropropene	8.594	75	42043	9.08	ug/l #	60
57) 1,3-Dichloropropane	9.523	76	25379	5.61	ug/l #	43
59) 2-Hexanone	9.418	43	10175	4.02	ug/l #	19
76) 1,2,3-Trichloropropane	11.118	75	85881	23.87	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	85881	52.84	ug/l #	12

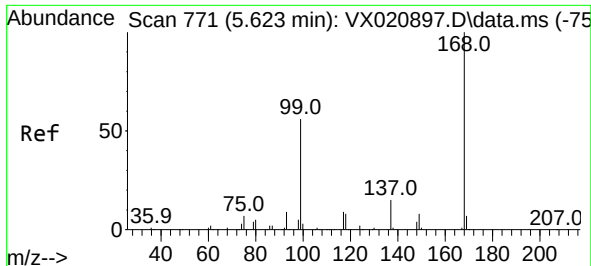
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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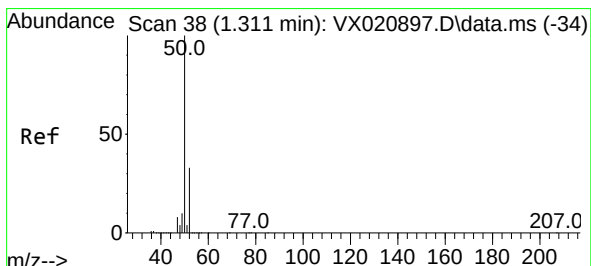
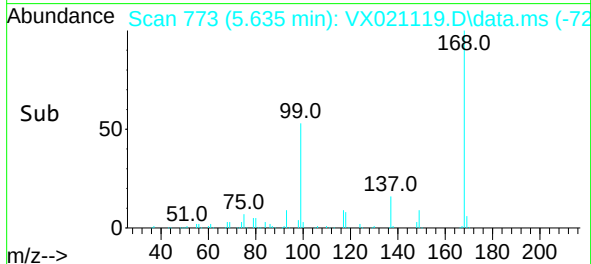
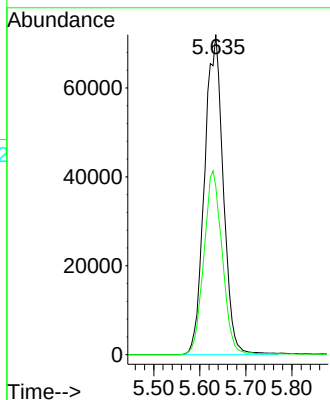
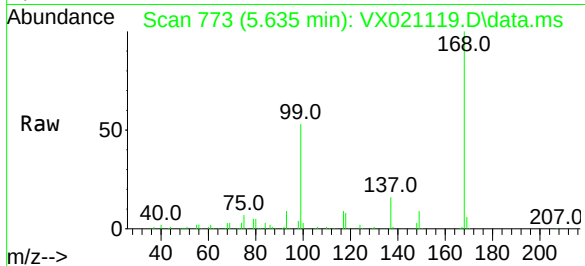




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021119.D
Acq: 09 Mar 2021 19:07

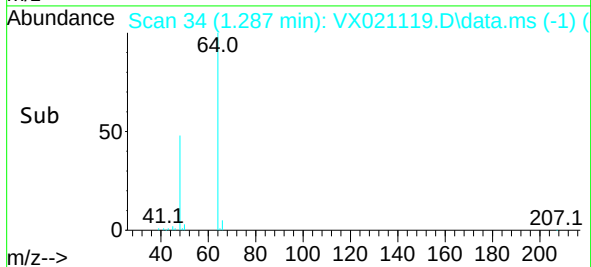
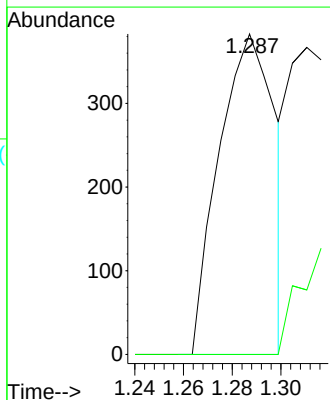
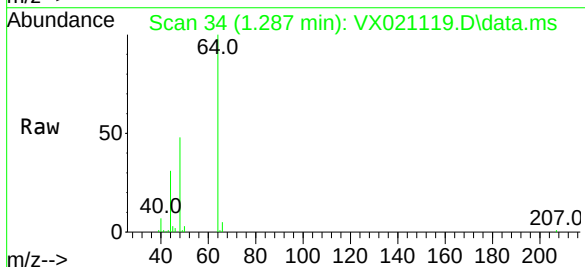
Instrument :
MSVOA_X
ClientSampled :

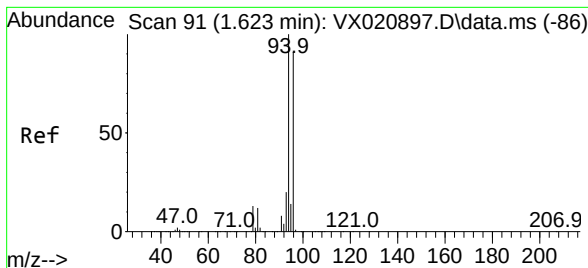
Tgt Ion:168 Resp: 203729
Ion Ratio Lower Upper
168 100
99 52.6 45.8 68.6



#3
Chloromethane
Concen: 0.25 ug/l
RT: 1.287 min Scan# 34
Delta R.T. -0.024 min
Lab File: VX021119.D
Acq: 09 Mar 2021 19:07

Tgt Ion: 50 Resp: 612
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

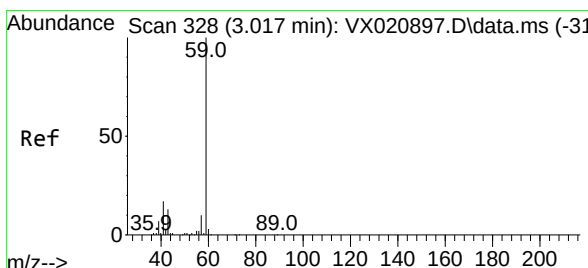
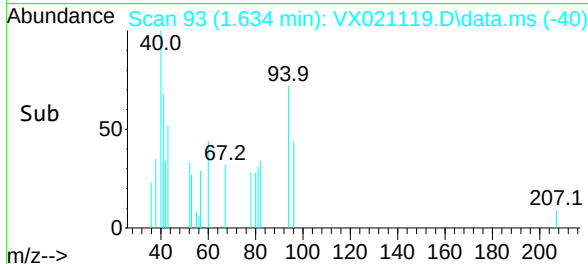
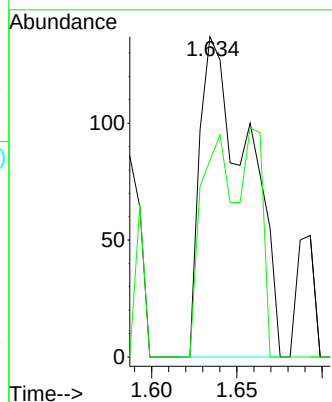
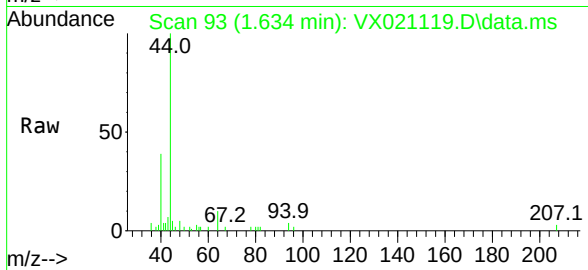




#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021119.D
Acq: 09 Mar 2021 19:07

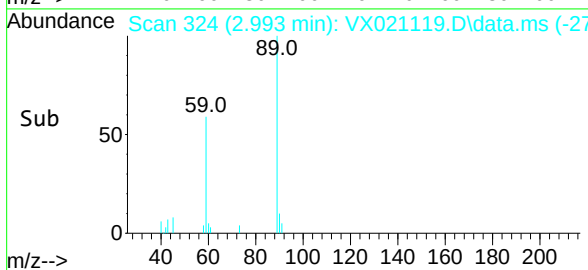
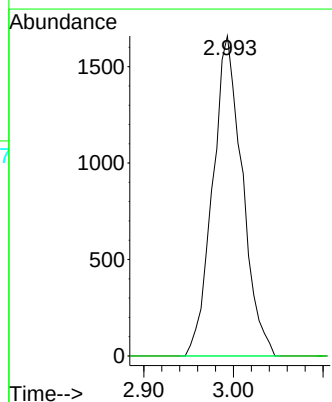
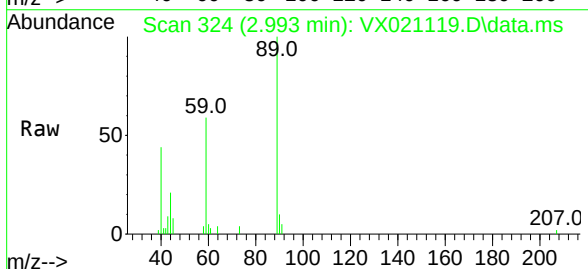
Instrument :
MSVOA_X
ClientSampled :

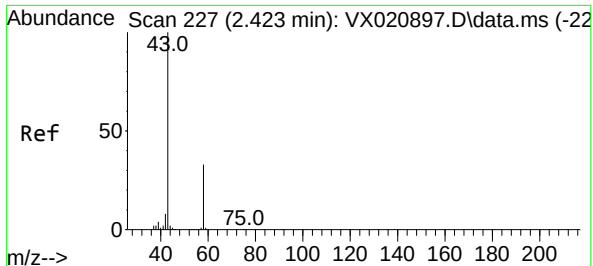
Tgt Ion: 94 Resp: 268
Ion Ratio Lower Upper
94 100
96 61.3 76.4 114.6#



#11
Tert butyl alcohol
Concen: 6.20 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021119.D
Acq: 09 Mar 2021 19:07

Tgt Ion: 59 Resp: 3798
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

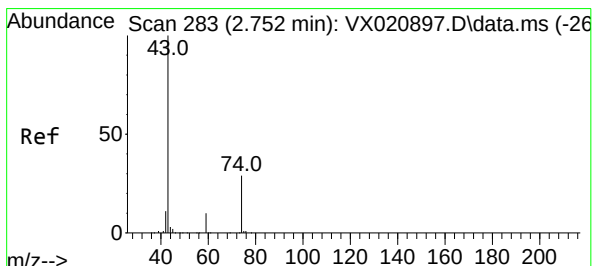
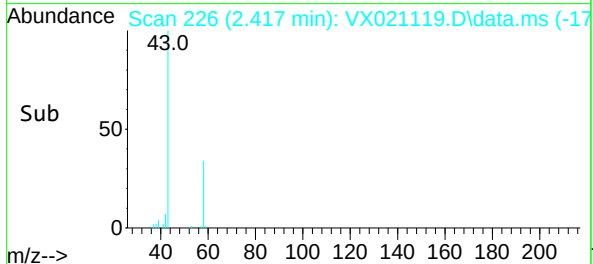
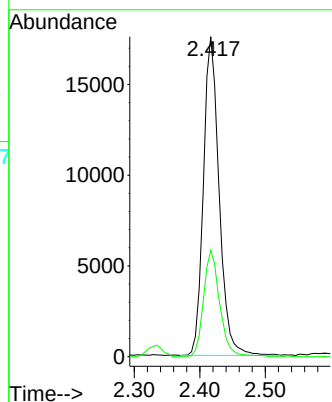
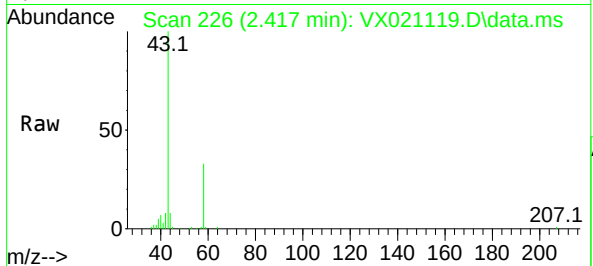




#16
Acetone
Concen: 25.88 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021119.D
Acq: 09 Mar 2021 19:07

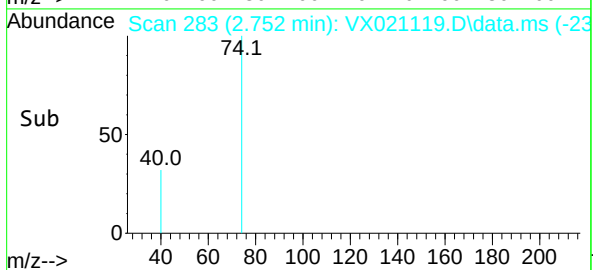
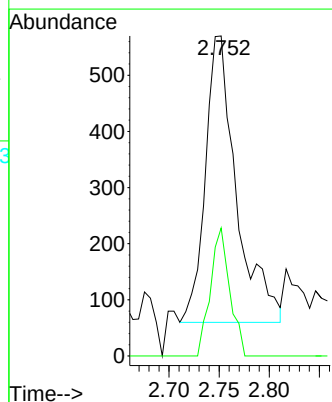
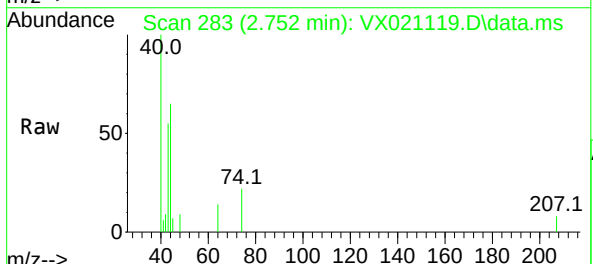
Instrument :
MSVOA_X
ClientSampled :

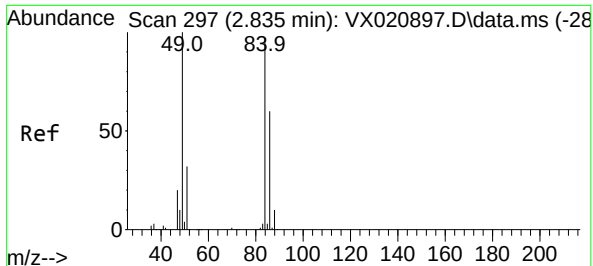
Tgt Ion: 43 Resp: 29350
Ion Ratio Lower Upper
43 100
58 33.4 27.8 41.8



#18
Methyl Acetate
Concen: 0.41 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021119.D
Acq: 09 Mar 2021 19:07

Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
74 27.7 21.9 32.9





#20

Methylene Chloride

Concen: 3.71 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.000 min

Lab File: VX021119.D

Acq: 09 Mar 2021 19:07

Tgt Ion: 84 Resp: 10088

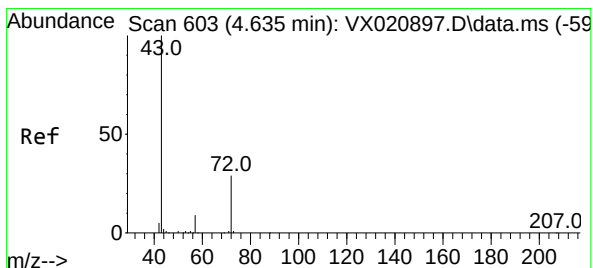
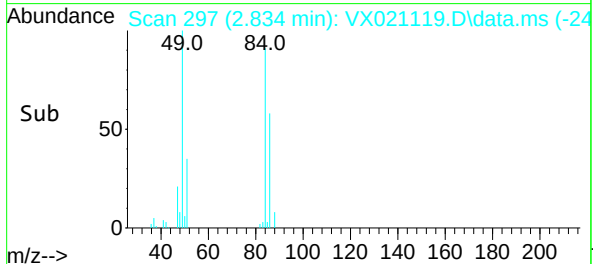
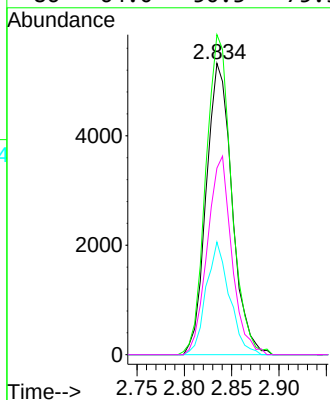
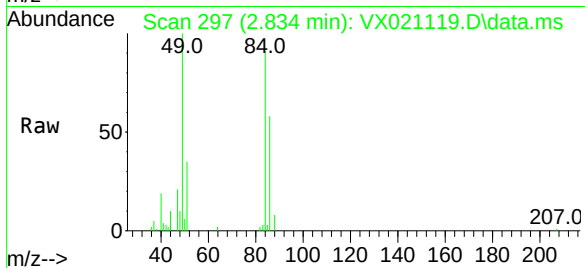
Ion Ratio Lower Upper

84 100

49 109.8 88.6 132.8

51 38.7 27.0 40.6

86 64.0 50.3 75.5



#25

2-Butanone

Concen: 3.35 ug/l

RT: 4.635 min Scan# 603

Delta R.T. -0.000 min

Lab File: VX021119.D

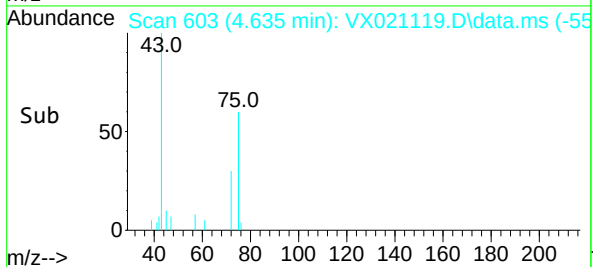
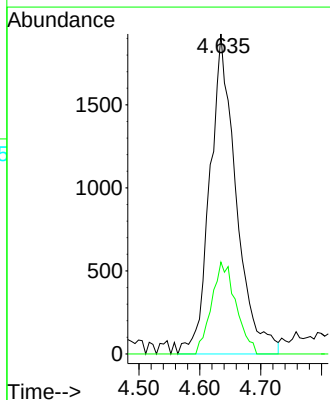
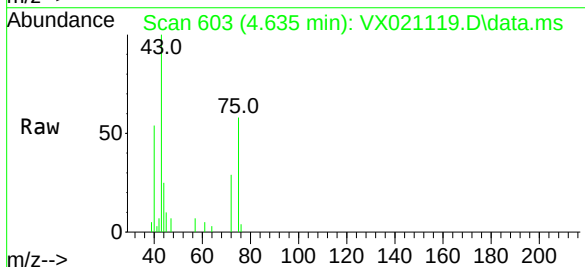
Acq: 09 Mar 2021 19:07

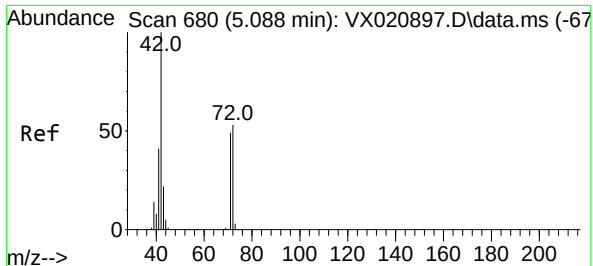
Tgt Ion: 43 Resp: 5779

Ion Ratio Lower Upper

43 100

72 28.7 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.81 ug/l

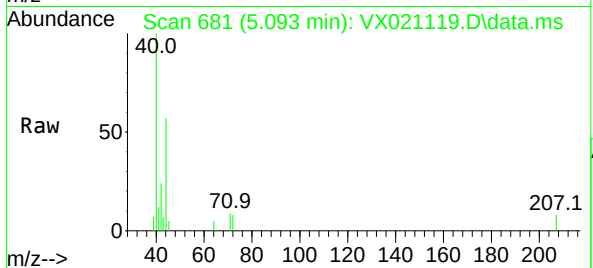
RT: 5.093 min Scan# 681

Delta R.T. 0.006 min

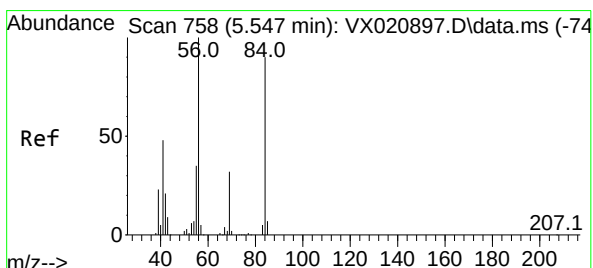
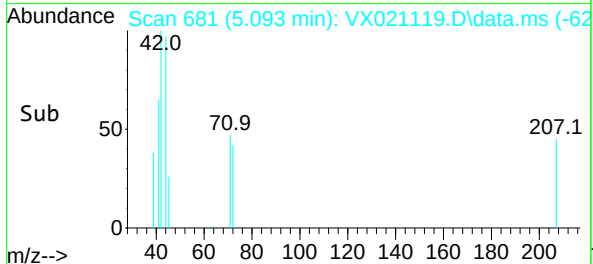
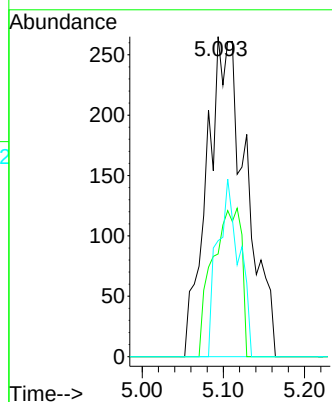
Lab File: VX021119.D

Acq: 09 Mar 2021 19:07

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion:	42	Resp:	895
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



#31

Cyclohexane

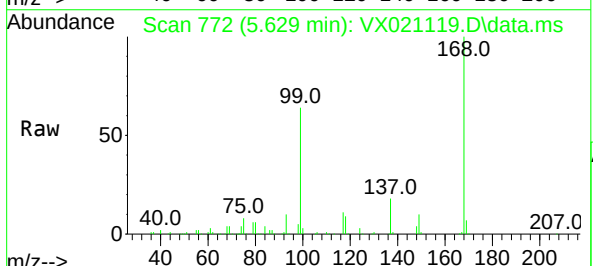
Concen: 1.03 ug/l

RT: 5.629 min Scan# 772

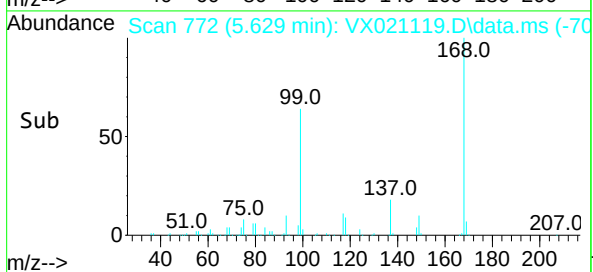
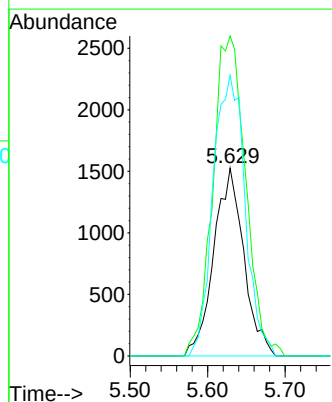
Delta R.T. 0.082 min

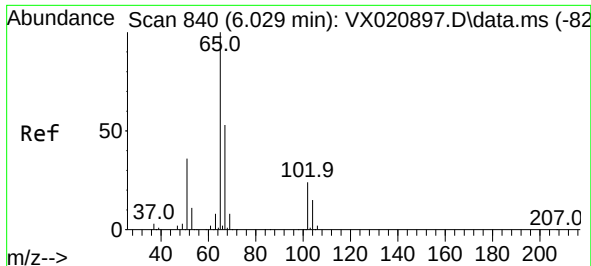
Lab File: VX021119.D

Acq: 09 Mar 2021 19:07



Tgt Ion:	56	Resp:	4109
Ion	Ratio	Lower	Upper
56	100		
69	170.4	25.3	37.9#
84	149.3	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.09 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021119.D

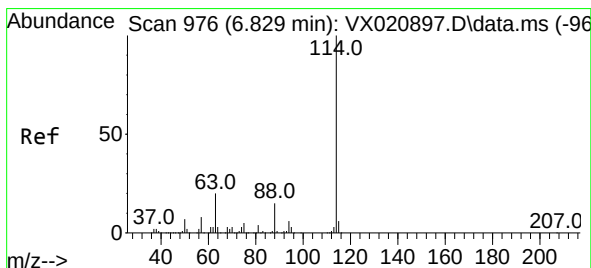
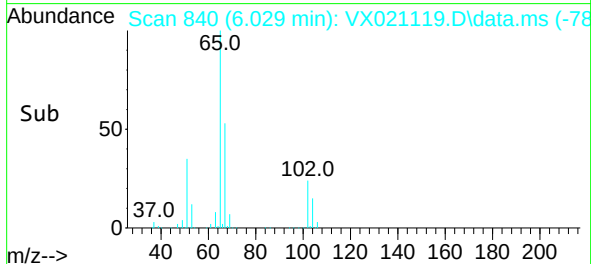
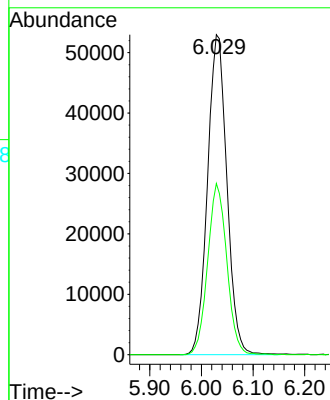
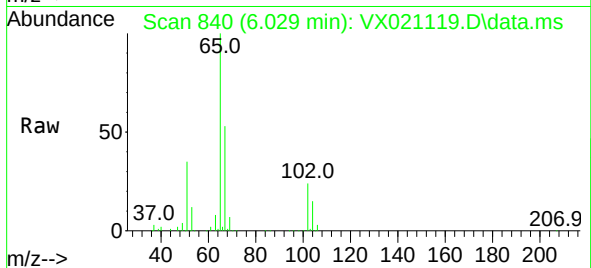
Acq: 09 Mar 2021 19:07

Tgt Ion: 65 Resp: 137840

Ion Ratio Lower Upper

65 100

67 52.9 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: VX021119.D

Acq: 09 Mar 2021 19:07

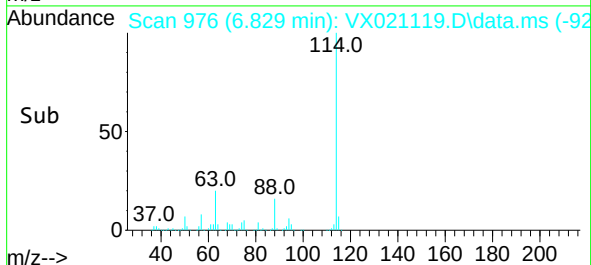
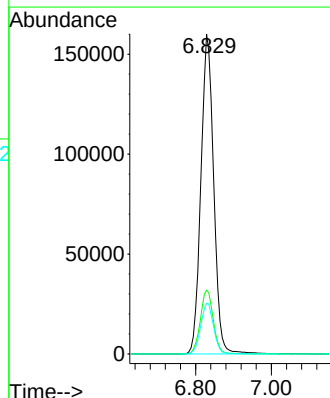
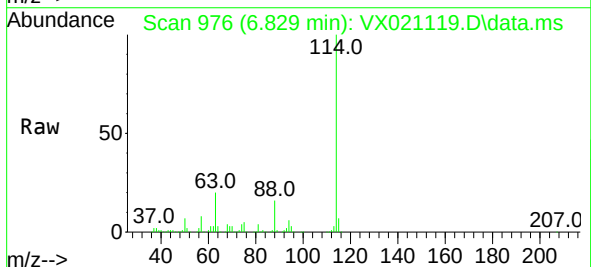
Tgt Ion: 114 Resp: 376245

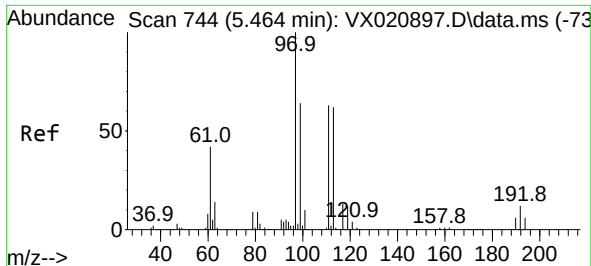
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 15.8 0.0 32.8

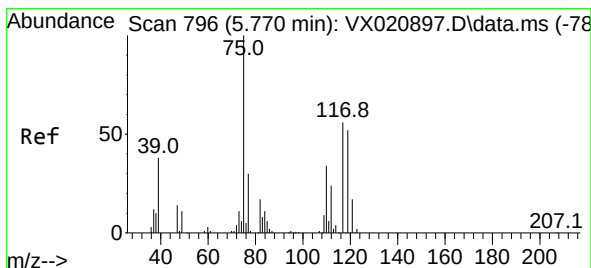
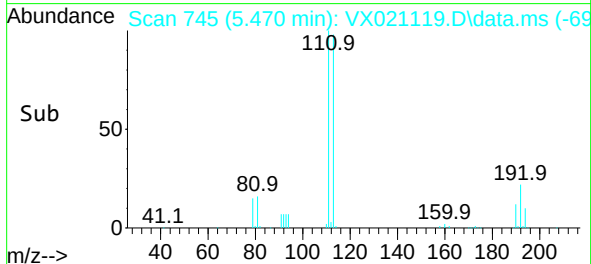
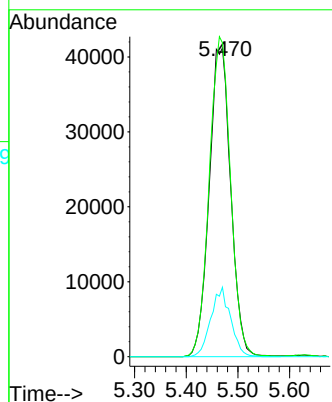
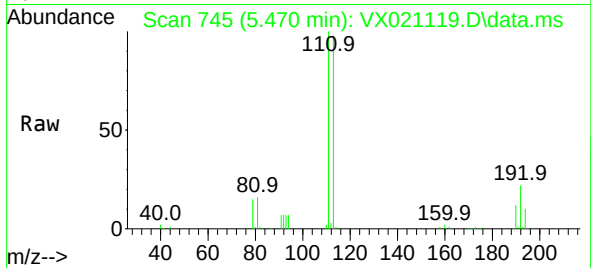




#35
Dibromofluoromethane
Concen: 52.35 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021119.D
Acq: 09 Mar 2021 19:07

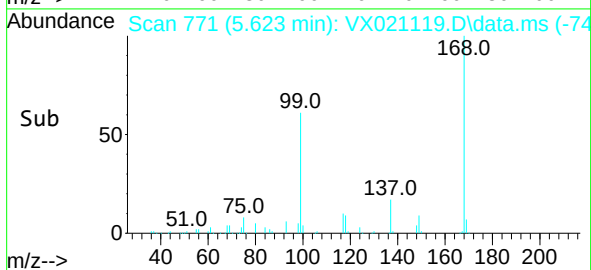
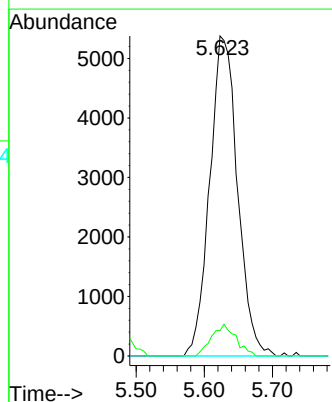
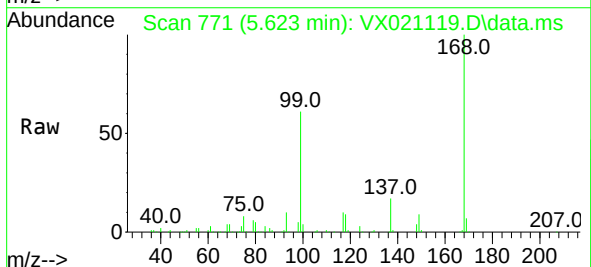
Instrument :
MSVOA_X
ClientSampleId :

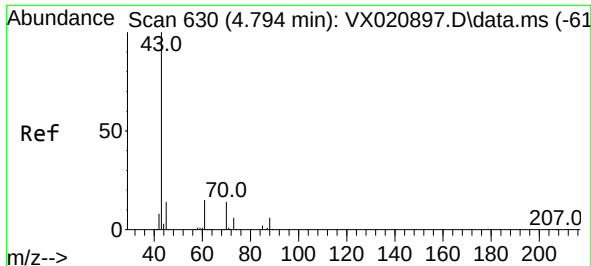
Tgt Ion:113 Resp: 119669
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 20.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.27 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021119.D
Acq: 09 Mar 2021 19:07

Tgt Ion: 75 Resp: 15258
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 1.70 ug/l

RT: 4.635 min Scan# 603

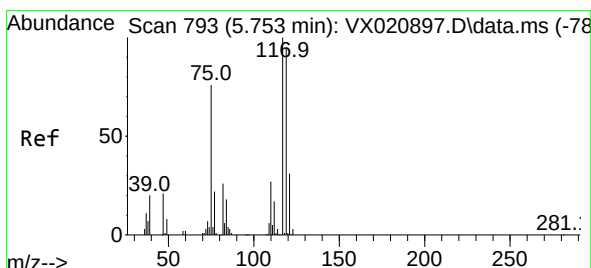
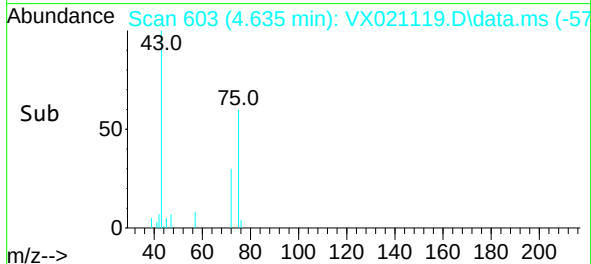
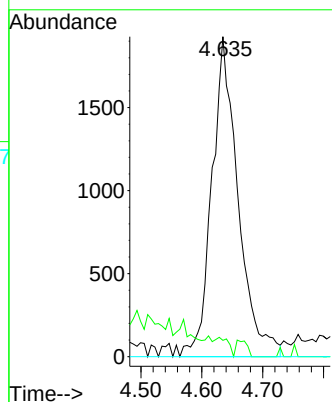
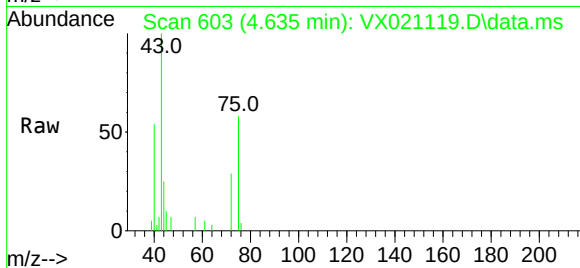
Delta R.T. -0.159 min

Lab File: VX021119.D

Acq: 09 Mar 2021 19:07

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	43	Resp:	5779
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#



#38

Carbon Tetrachloride

Concen: 5.58 ug/l

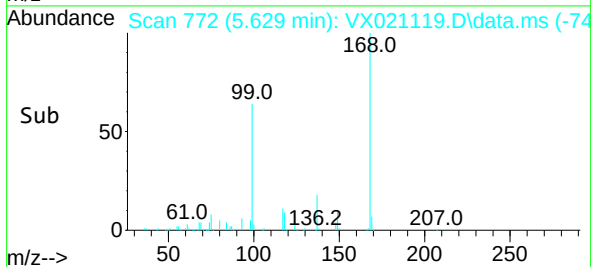
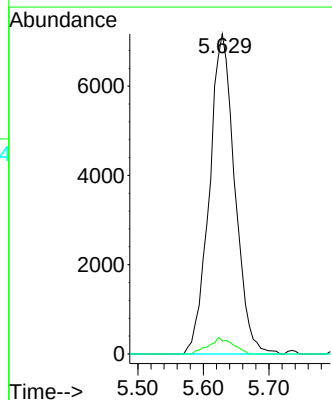
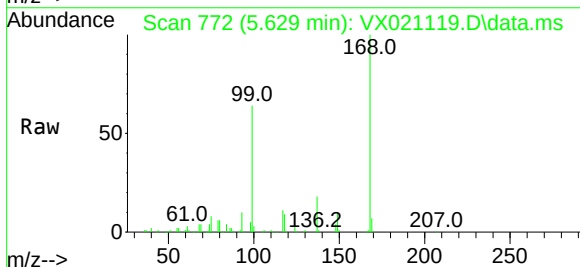
RT: 5.629 min Scan# 772

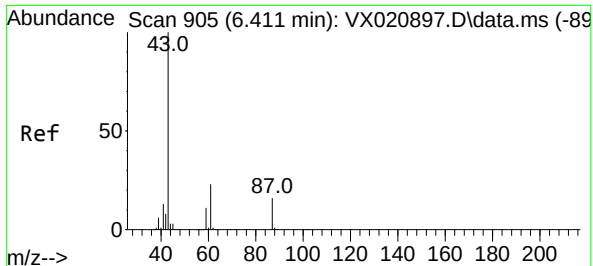
Delta R.T. -0.124 min

Lab File: VX021119.D

Acq: 09 Mar 2021 19:07

Tgt Ion:	117	Resp:	19320
Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.2	114.2#
121	0.0	24.8	37.2#

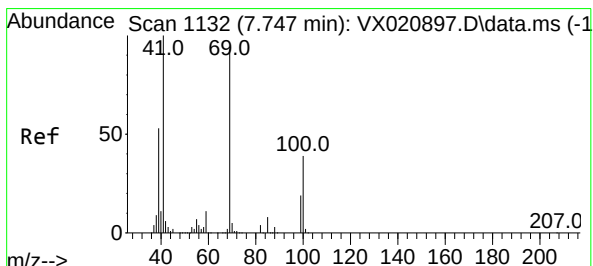
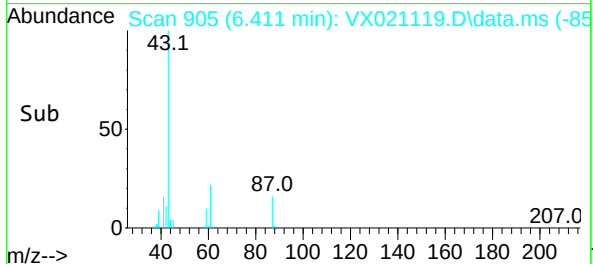
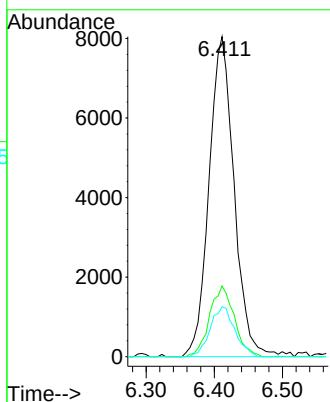
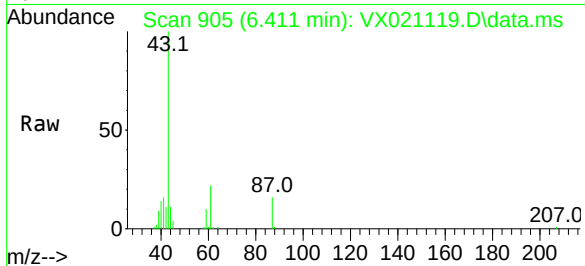




#43
Isopropyl Acetate
Concen: 3.55 ug/l
RT: 6.411 min Scan# 905
Delta R.T. -0.000 min
Lab File: VX021119.D
Acq: 09 Mar 2021 19:07

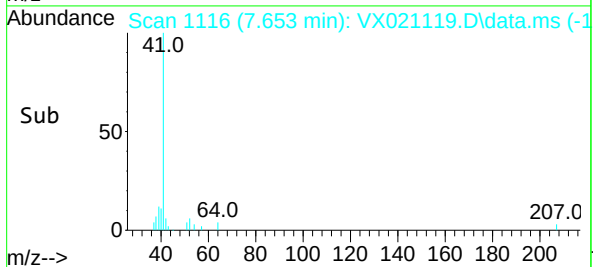
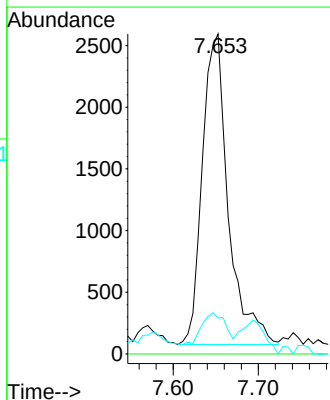
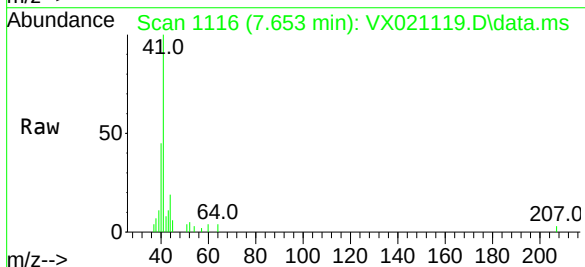
Instrument :
MSVOA_X
ClientSampleId :

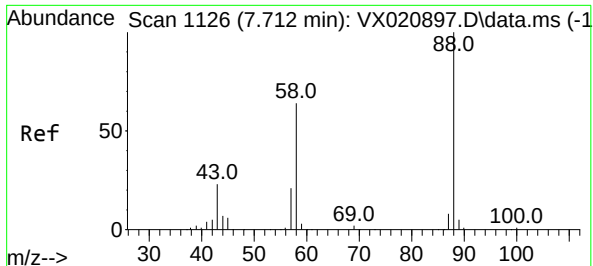
Tgt Ion: 43	Resp: 20555
Ion Ratio	Lower Upper
43 100	
61 21.8	18.2 27.4
87 15.4	12.5 18.7



#48
Methyl methacrylate
Concen: 1.84 ug/l
RT: 7.653 min Scan# 1116
Delta R.T. -0.094 min
Lab File: VX021119.D
Acq: 09 Mar 2021 19:07

Tgt Ion: 41	Resp: 5341
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: 2.64 ug/l

RT: 7.835 min Scan# 1147

Delta R.T. 0.123 min

Lab File: VX021119.D

Acq: 09 Mar 2021 19:07

Tgt Ion: 88 Resp: 179

Ion Ratio Lower Upper

88 100

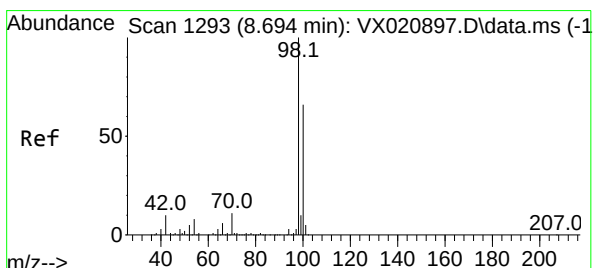
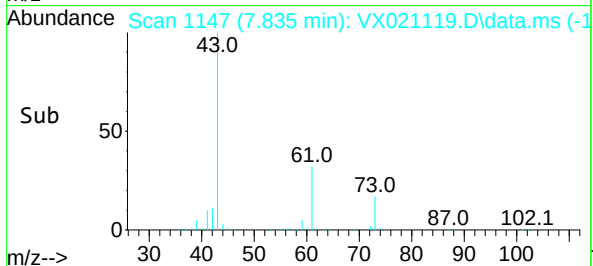
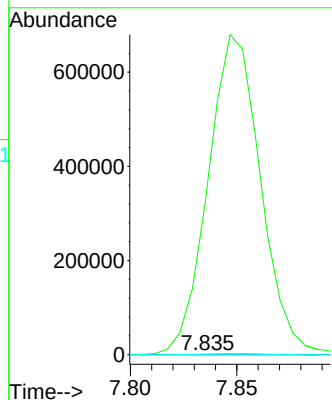
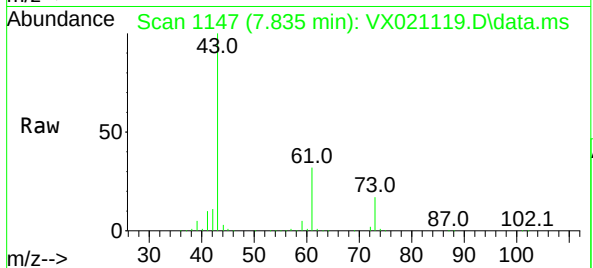
43 659115.1 23.2 34.8#

58 2945.8 55.0 82.4#

Instrument :

MSVOA_X

ClientSampled :



#50

Toluene-d8

Concen: 53.50 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. -0.000 min

Lab File: VX021119.D

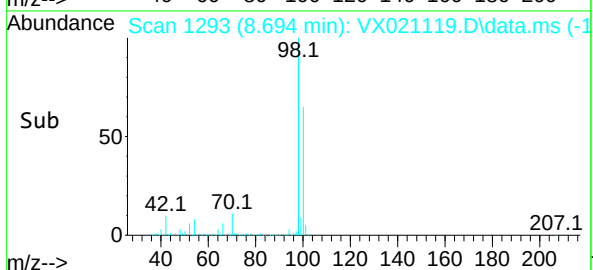
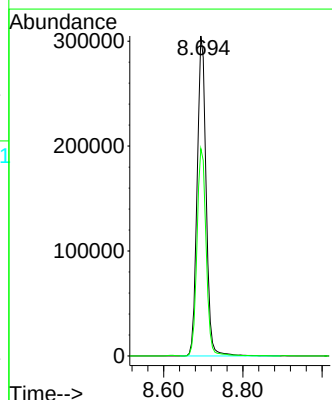
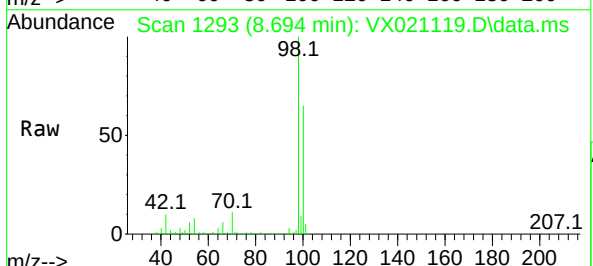
Acq: 09 Mar 2021 19:07

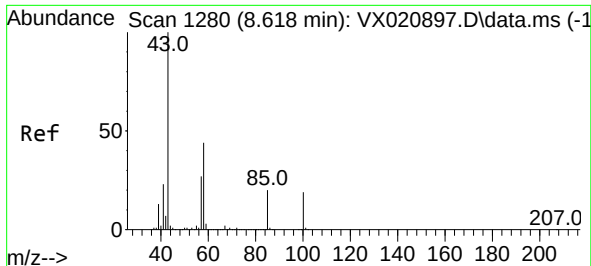
Tgt Ion: 98 Resp: 476903

Ion Ratio Lower Upper

98 100

100 66.1 51.9 77.9

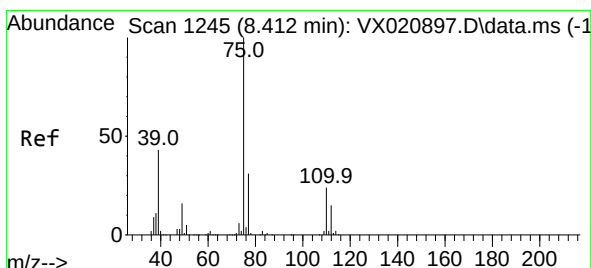
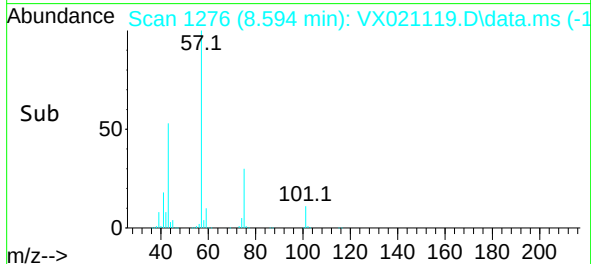
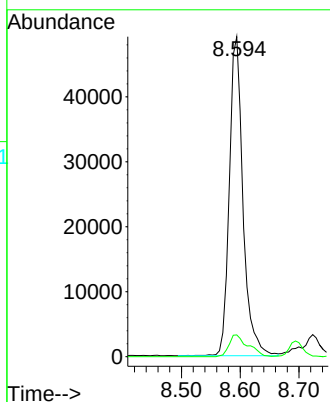
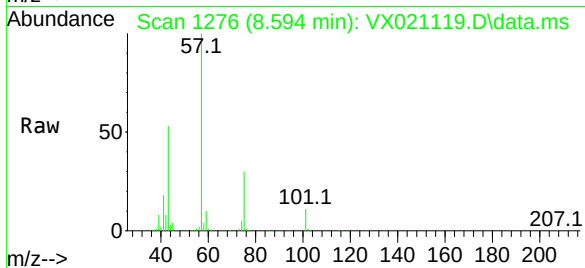




#51
4-Methyl-2-Pentanone
Concen: 23.57 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. -0.024 min
Lab File: VX021119.D
Acq: 09 Mar 2021 19:07

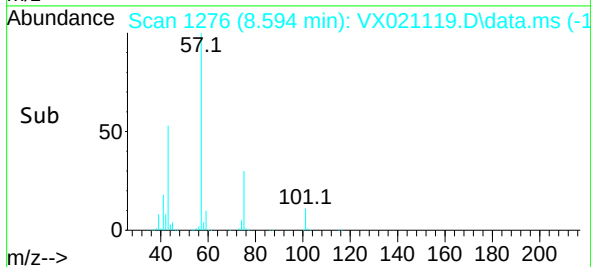
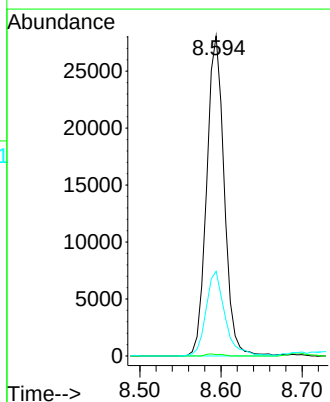
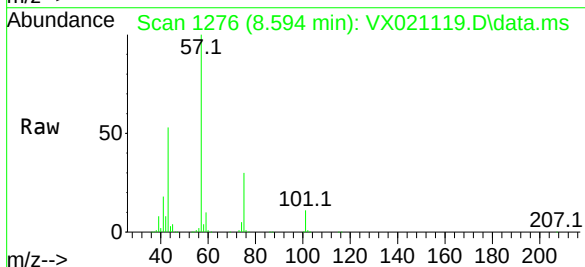
Instrument :
MSVOA_X
ClientSampleId :

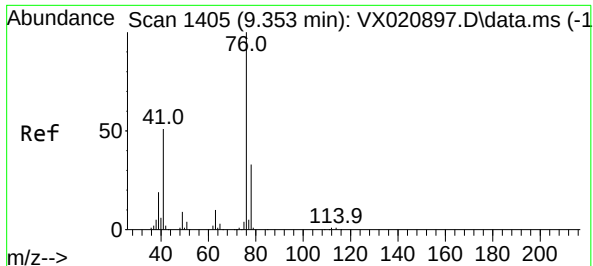
Tgt Ion: 43 Resp: 79427
Ion Ratio Lower Upper
43 100
58 9.5 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 9.08 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. 0.182 min
Lab File: VX021119.D
Acq: 09 Mar 2021 19:07

Tgt Ion: 75 Resp: 42043
Ion Ratio Lower Upper
75 100
77 0.4 25.7 38.5#
39 26.4 35.1 52.7#

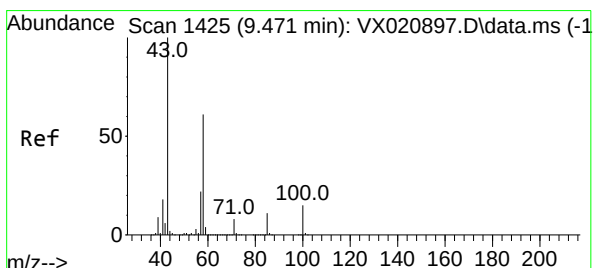
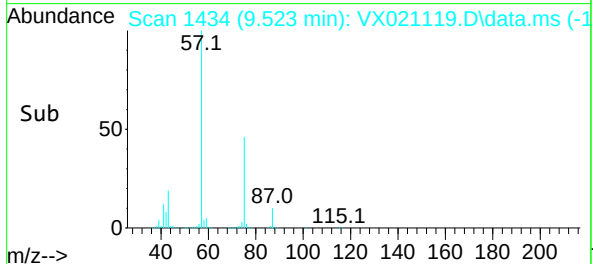
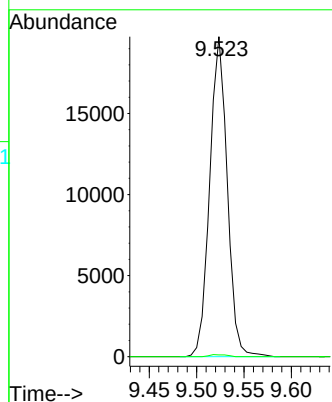
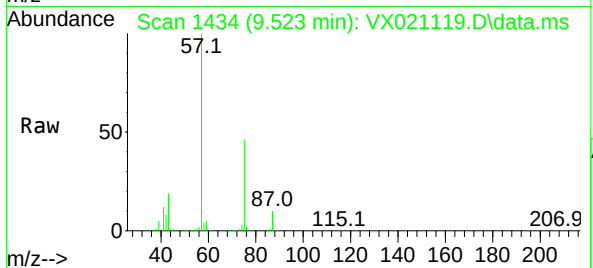




#57
1,3-Dichloropropane
Concen: 5.61 ug/l
RT: 9.523 min Scan# 1434
Delta R.T. 0.170 min
Lab File: VX021119.D
Acq: 09 Mar 2021 19:07

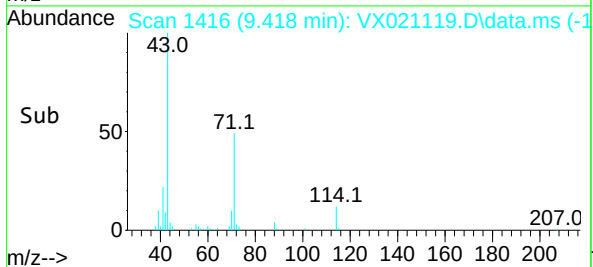
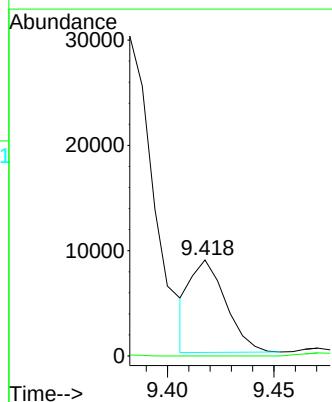
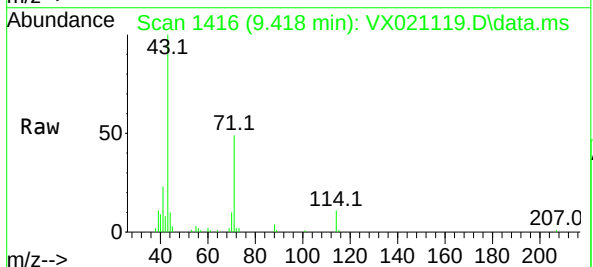
Instrument :
MSVOA_X
ClientSampled :

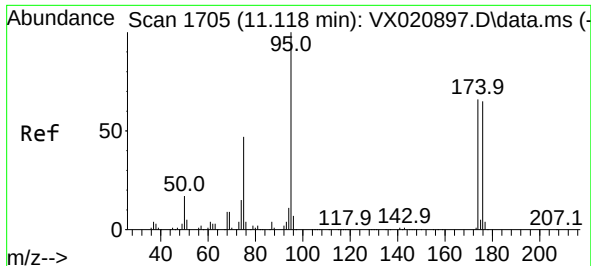
Tgt Ion: 76 Resp: 25379
Ion Ratio Lower Upper
76 100
78 0.6 26.2 39.2#



#59
2-Hexanone
Concen: 4.02 ug/l
RT: 9.418 min Scan# 1416
Delta R.T. -0.053 min
Lab File: VX021119.D
Acq: 09 Mar 2021 19:07

Tgt Ion: 43 Resp: 10175
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

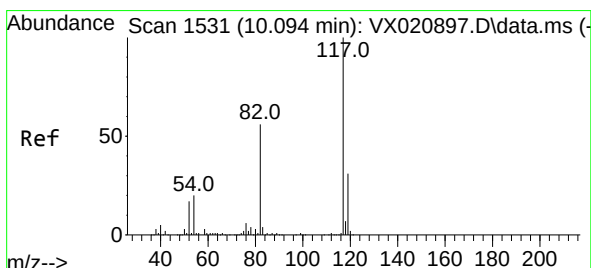
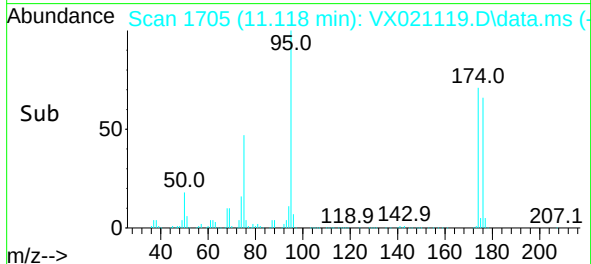
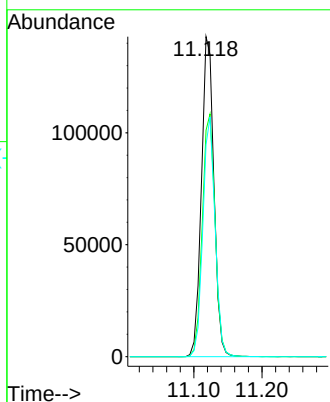
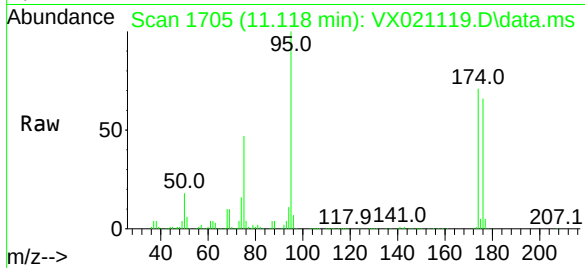




#62
4-Bromofluorobenzene
Concen: 55.12 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021119.D
Acq: 09 Mar 2021 19:07

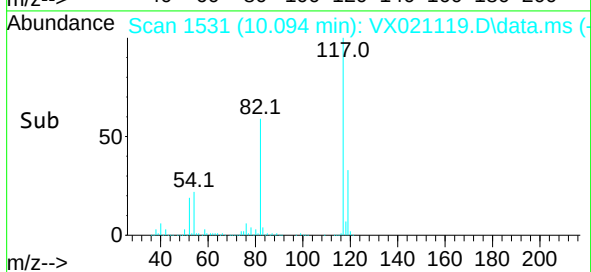
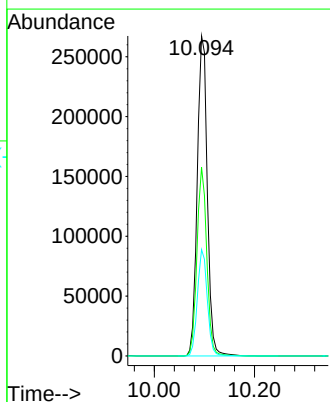
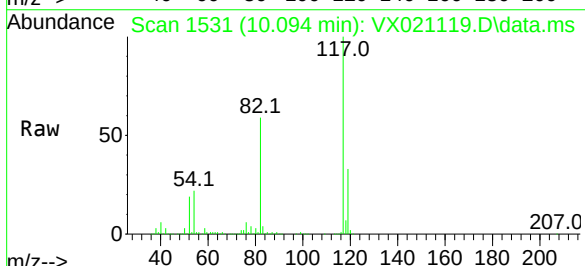
Instrument :
MSVOA_X
ClientSampled :

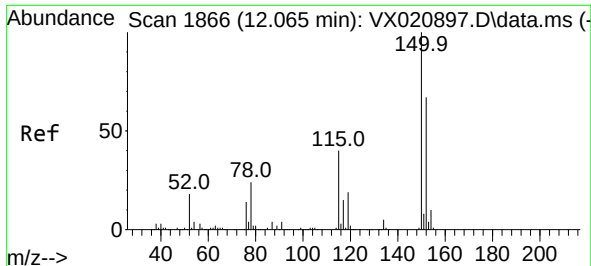
Tgt Ion: 95 Resp: 181671
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.6
176 73.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021119.D
Acq: 09 Mar 2021 19:07

Tgt Ion: 117 Resp: 371503
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 33.2 26.6 39.8

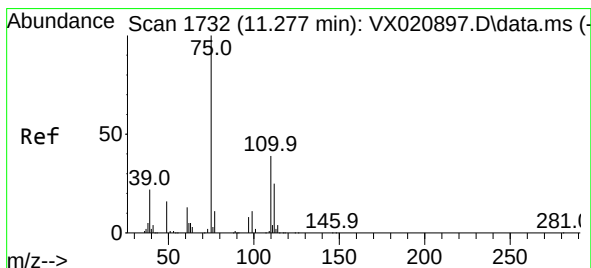
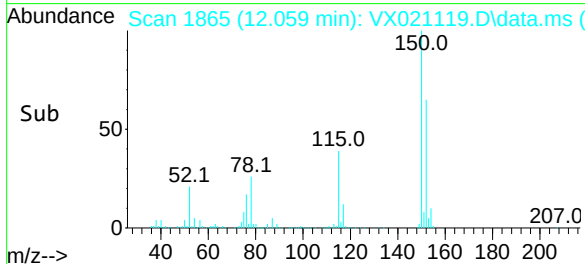
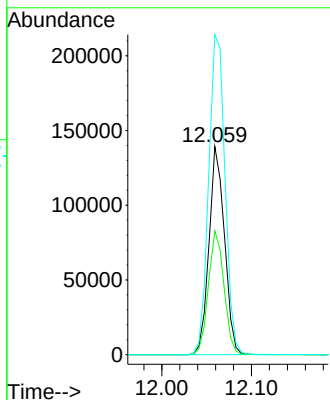
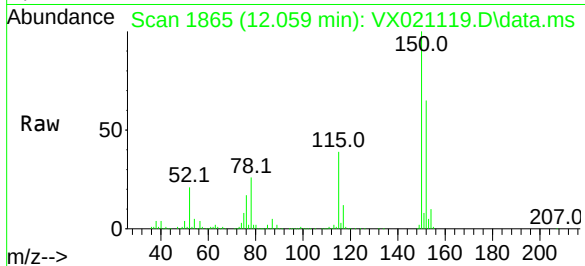




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021119.D
Acq: 09 Mar 2021 19:07

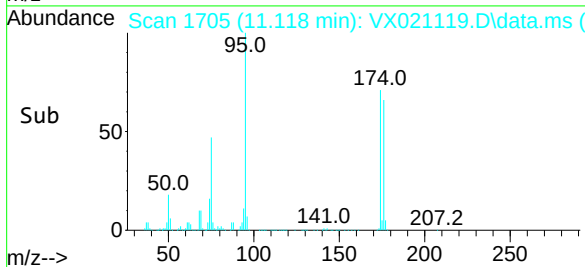
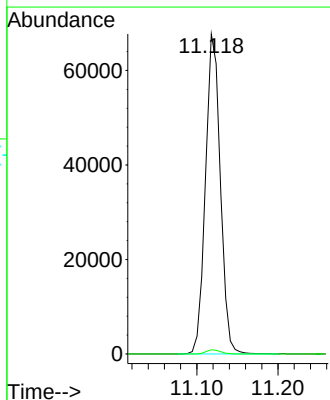
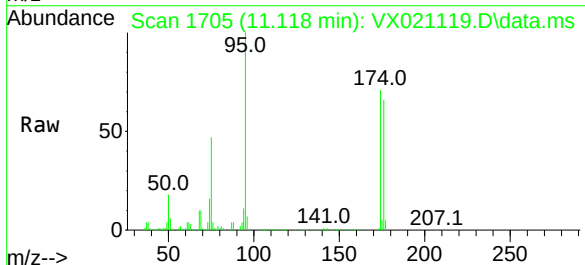
Instrument :
MSVOA_X
ClientSampled :

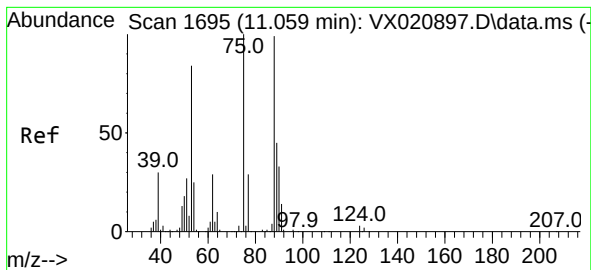
Tgt Ion:152 Resp: 167261
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 162.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.87 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021119.D
Acq: 09 Mar 2021 19:07

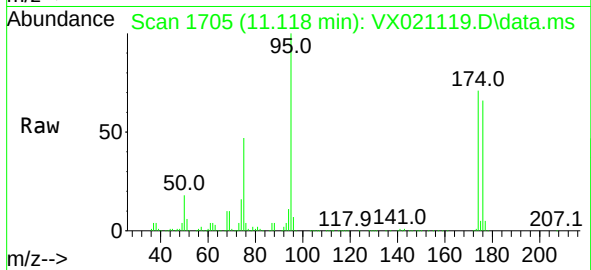
Tgt Ion: 75 Resp: 85881
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.84 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021119.D
 Acq: 09 Mar 2021 19:07

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 85881
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

