

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021634.D
 Acq On : 30 Mar 2021 16:52
 Operator : JC/MD
 Sample : M1849-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Mar 31 05:00:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

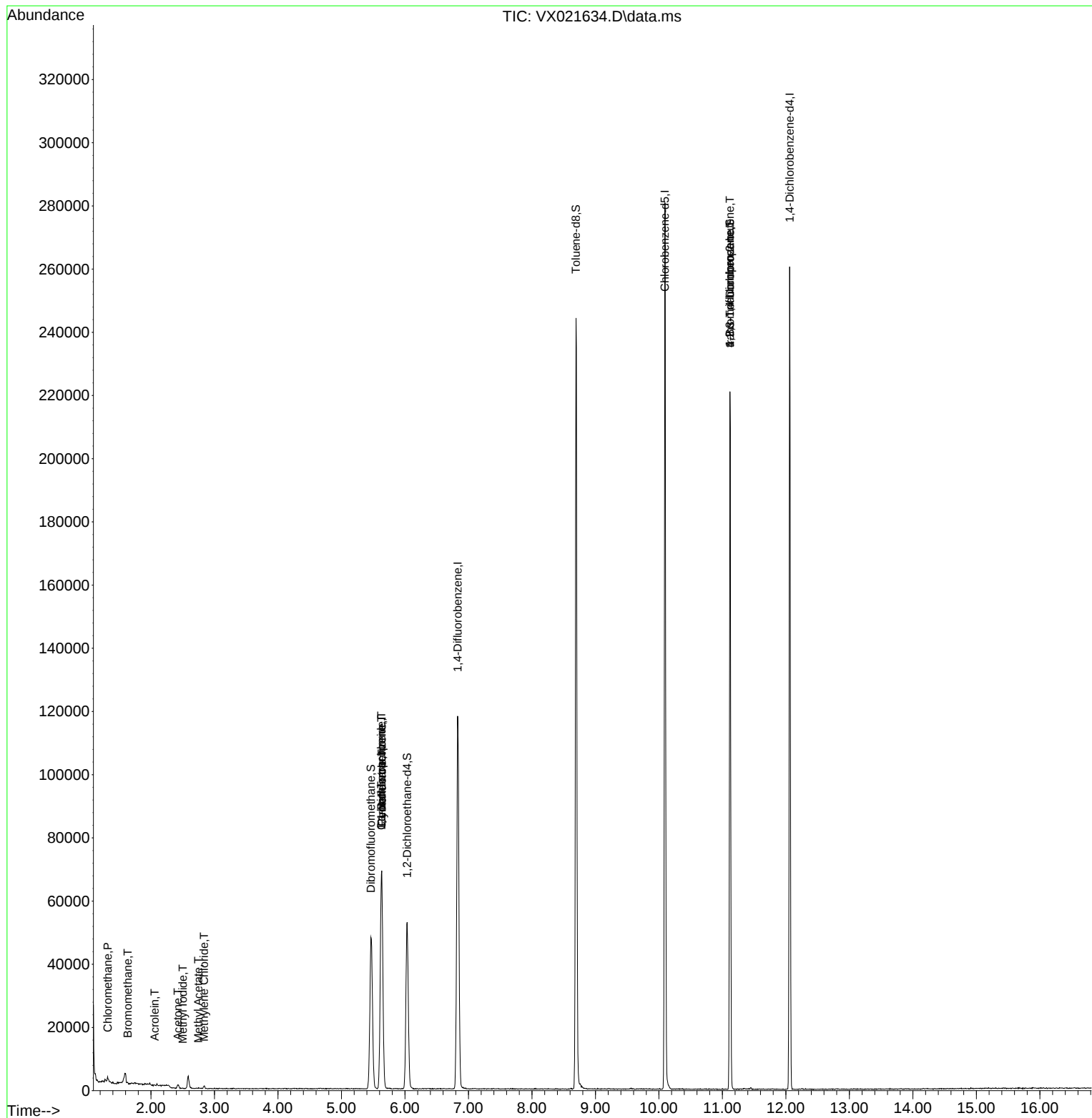
Internal Standards						
1) Pentafluorobenzene	5.635	168	60425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	110890	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	48671	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	51969	51.69	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.38%
35) Dibromofluoromethane	5.464	113	40021	50.81	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.62%
50) Toluene-d8	8.694	98	140749	50.14	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.28%
62) 4-Bromofluorobenzene	11.118	95	56597	51.86	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.72%
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1747	2.33	ug/l	98
5) Bromomethane	1.634	94	107	0.39	ug/l #	68
10) Methyl Iodide	2.499	142	55	6.74	ug/l #	42
13) Acrolein	2.058	56	19	4.52	ug/l #	14
16) Acetone	2.423	43	1248	3.28	ug/l #	82
18) Methyl Acetate	2.746	43	279	0.25	ug/l #	62
20) Methylene Chloride	2.834	84	348	0.47	ug/l #	90
31) Cyclohexane	5.635	56	1762	1.59	ug/l #	26
36) 1,1-Dichloropropene	5.629	75	5391	4.96	ug/l #	51
38) Carbon Tetrachloride	5.629	117	6620	5.67	ug/l #	17
76) 1,2,3-Trichloropropane	11.118	75	31867	28.12	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	31867	85.67	ug/l #	12

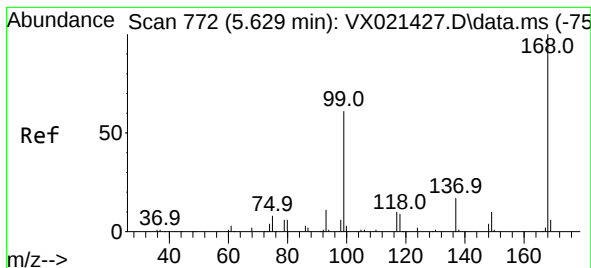
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.635 min Scan# 773

Delta R.T. 0.006 min

Lab File: VX021634.D

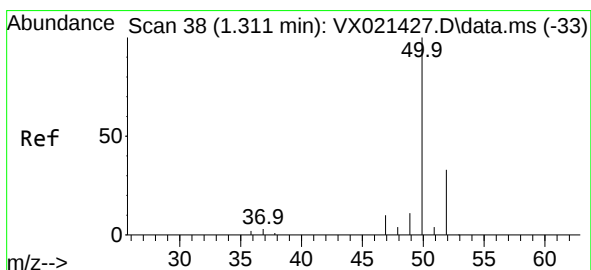
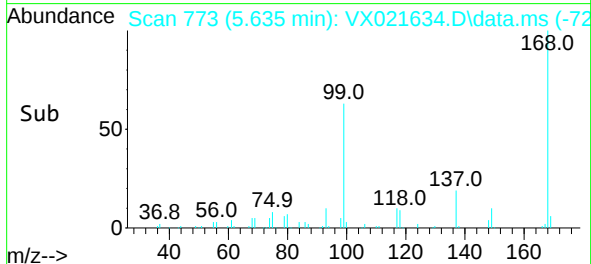
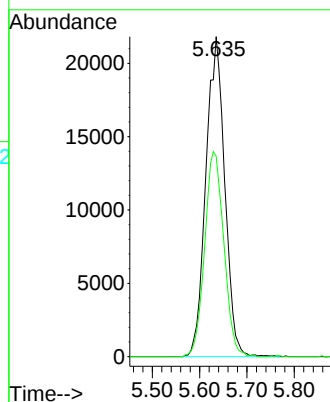
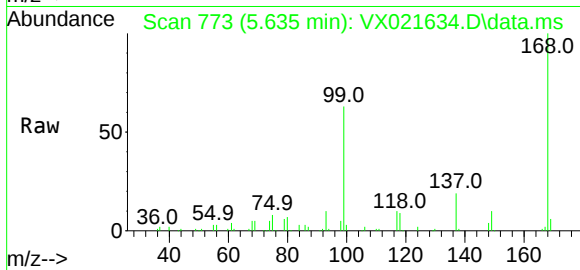
Acq: 30 Mar 2021 16:52

Tgt Ion:168 Resp: 60425

Ion Ratio Lower Upper

168 100

99 62.6 45.8 68.6



#3

Chloromethane

Concen: 2.33 ug/l

RT: 1.317 min Scan# 39

Delta R.T. 0.006 min

Lab File: VX021634.D

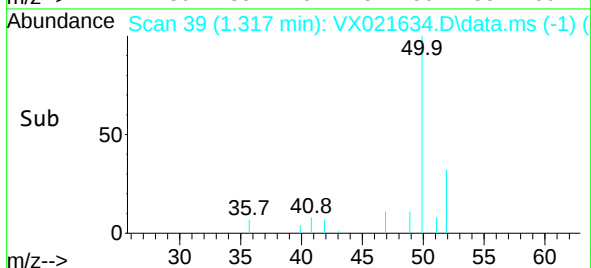
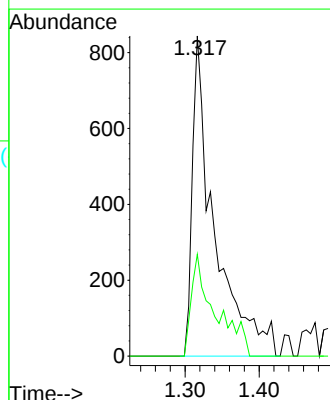
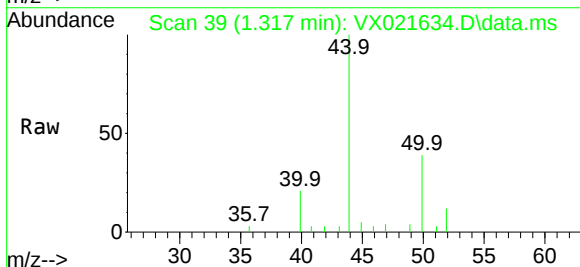
Acq: 30 Mar 2021 16:52

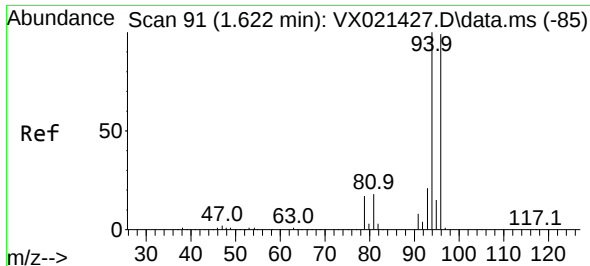
Tgt Ion: 50 Resp: 1747

Ion Ratio Lower Upper

50 100

52 31.8 26.4 39.6

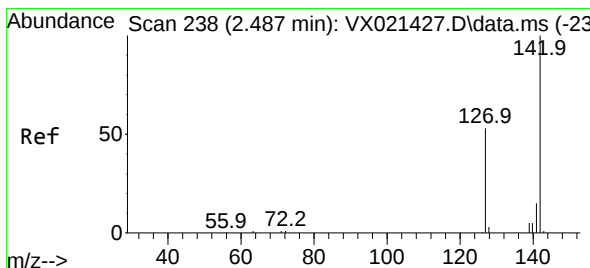
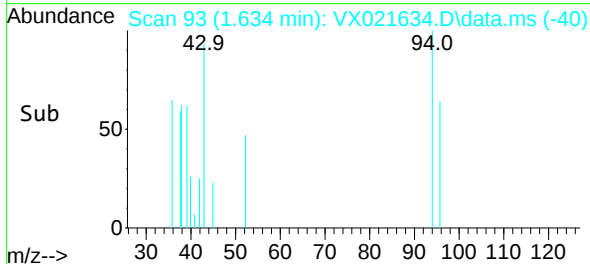
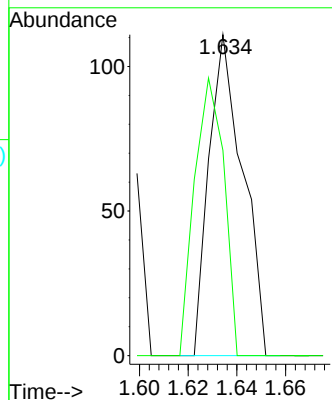
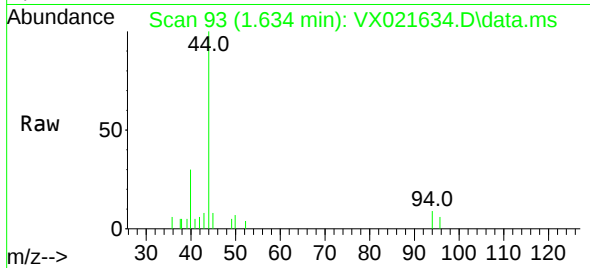




#5
Bromomethane
Concen: 0.39 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021634.D
Acq: 30 Mar 2021 16:52

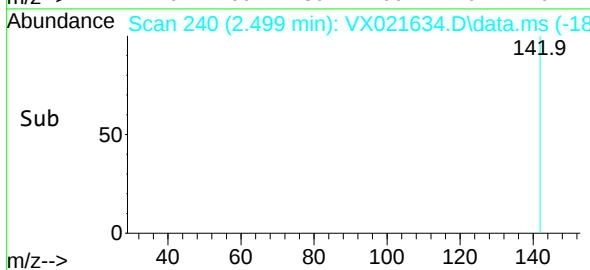
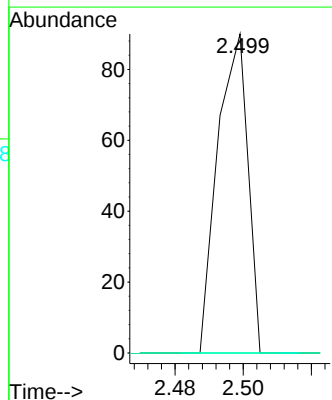
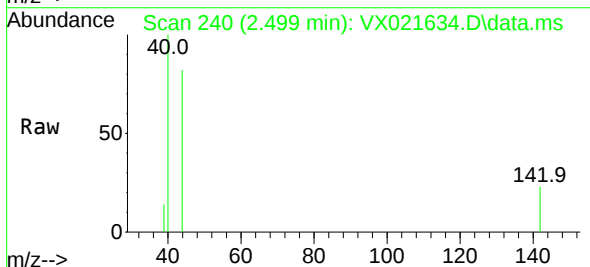
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

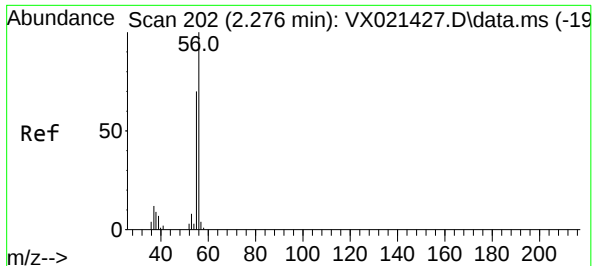
Tgt Ion: 94 Resp: 107
Ion Ratio Lower Upper
94 100
96 64.0 76.4 114.6#



#10
Methyl Iodide
Concen: 6.74 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.012 min
Lab File: VX021634.D
Acq: 30 Mar 2021 16:52

Tgt Ion: 142 Resp: 55
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

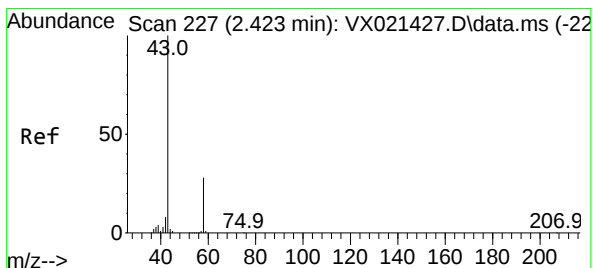
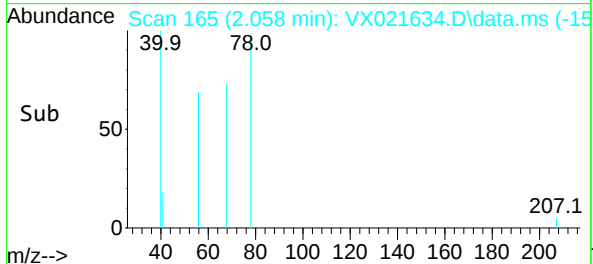
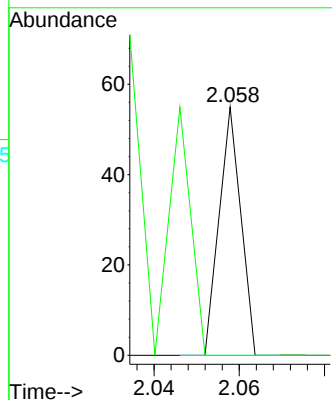
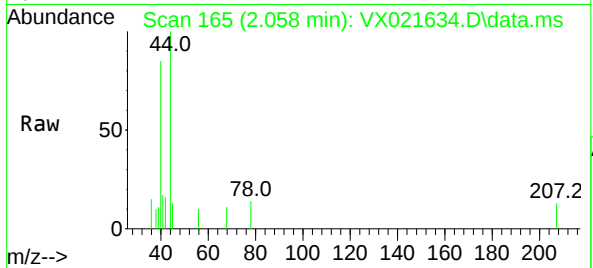




#13
Acrolein
Concen: 4.52 ug/l
RT: 2.058 min Scan# 165
Delta R.T. -0.218 min
Lab File: VX021634.D
Acq: 30 Mar 2021 16:52

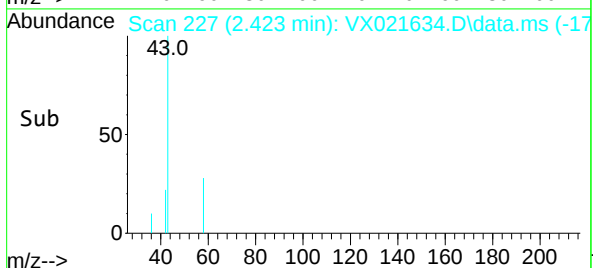
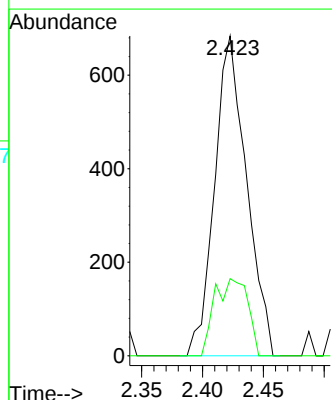
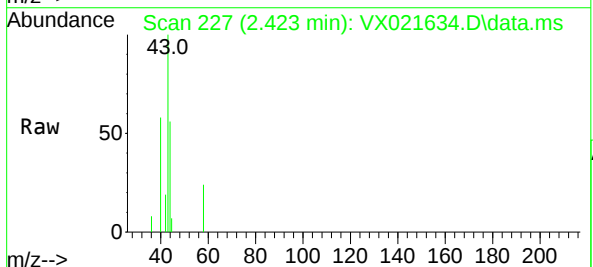
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

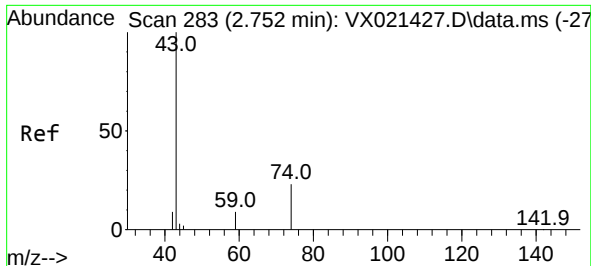
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 3.28 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021634.D
Acq: 30 Mar 2021 16:52

Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
58 24.1 27.8 41.8#

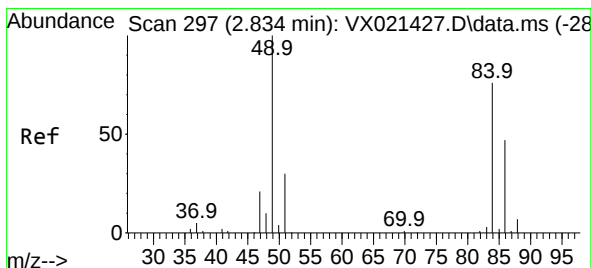
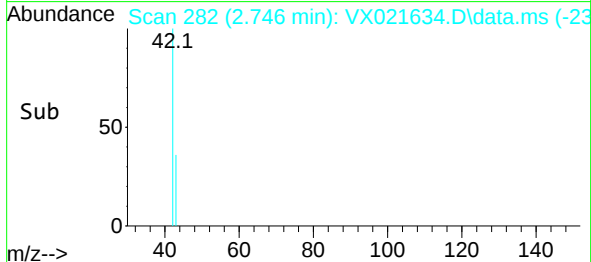
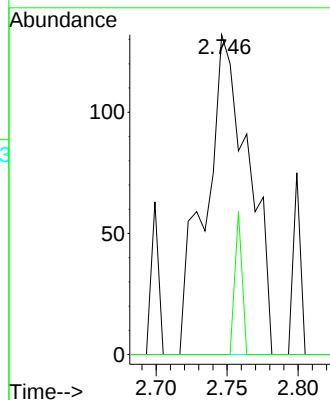
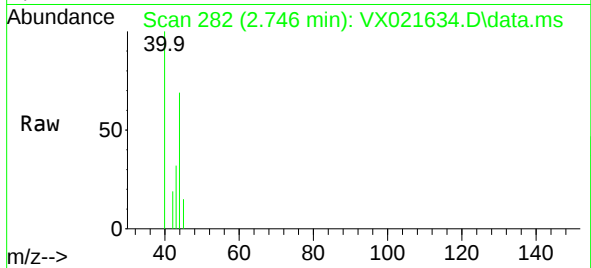




#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021634.D
Acq: 30 Mar 2021 16:52

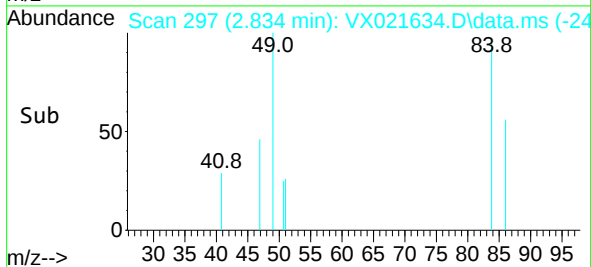
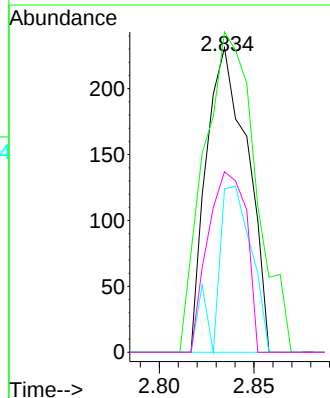
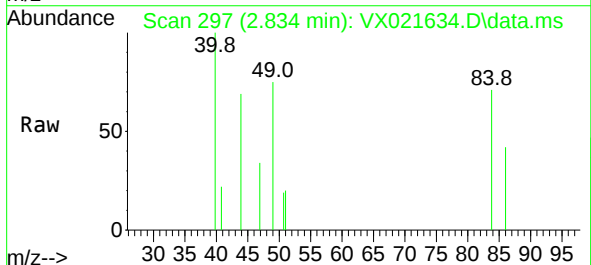
Instrument :
MSVOA_X
ClientSampleId :
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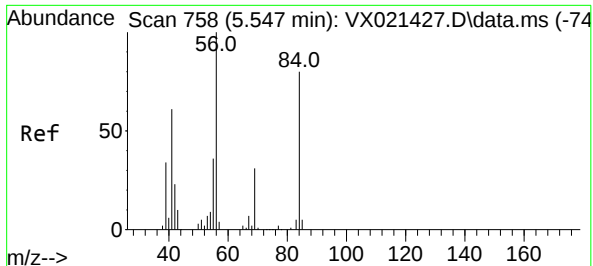
Tgt Ion: 43 Resp: 279
Ion Ratio Lower Upper
43 100
74 7.5 21.9 32.9#



#20
Methylene Chloride
Concen: 0.47 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021634.D
Acq: 30 Mar 2021 16:52

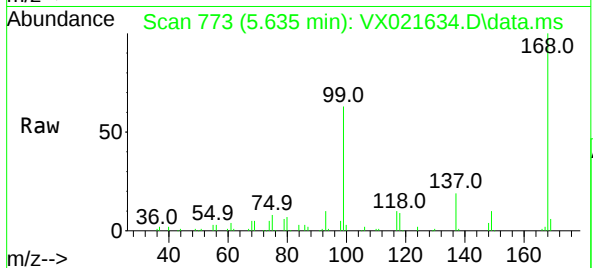
Tgt Ion: 84 Resp: 348
Ion Ratio Lower Upper
84 100
49 105.2 88.6 132.8
51 53.7 27.0 40.6#
86 59.3 50.3 75.5



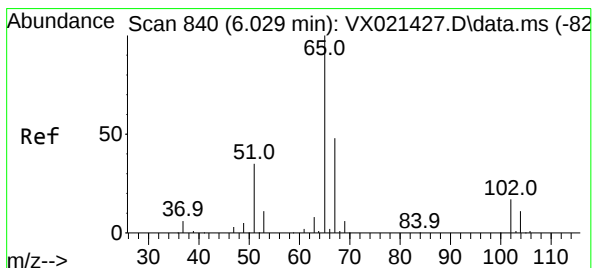
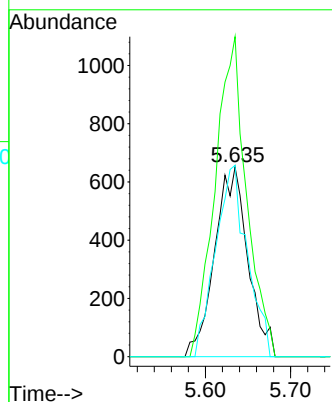
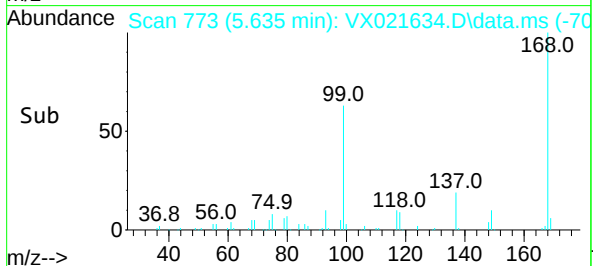


#31
Cyclohexane
Concen: 1.59 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021634.D
Acq: 30 Mar 2021 16:52

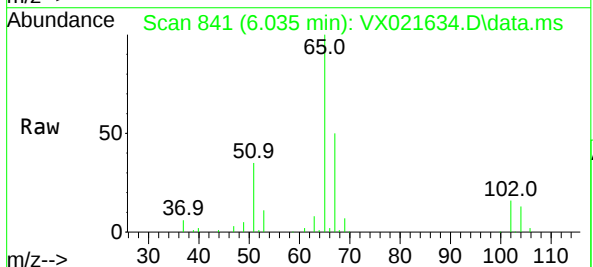
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MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA



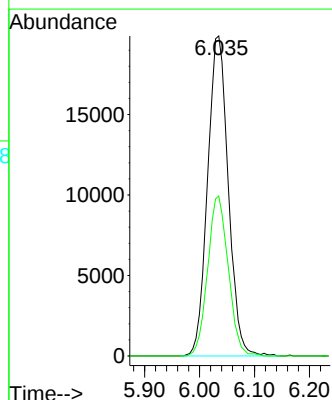
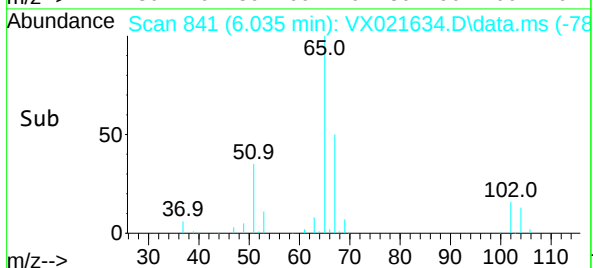
Tgt Ion: 56 Resp: 1762
Ion Ratio Lower Upper
56 100
69 168.8 25.3 37.9#
84 100.9 71.4 107.0

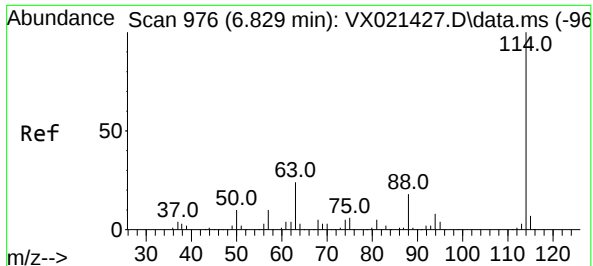


#33
1,2-Dichloroethane-d4
Concen: 51.69 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021634.D
Acq: 30 Mar 2021 16:52



Tgt Ion: 65 Resp: 51969
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

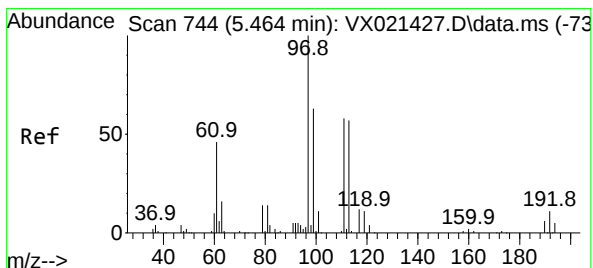
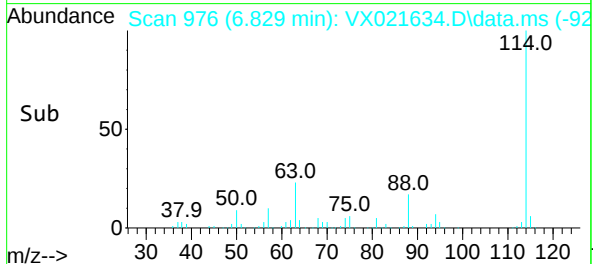
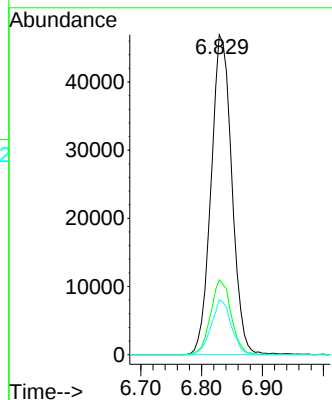
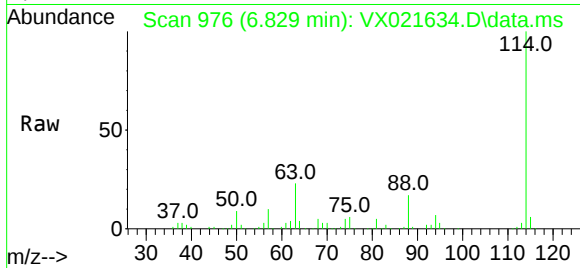




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021634.D
Acq: 30 Mar 2021 16:52

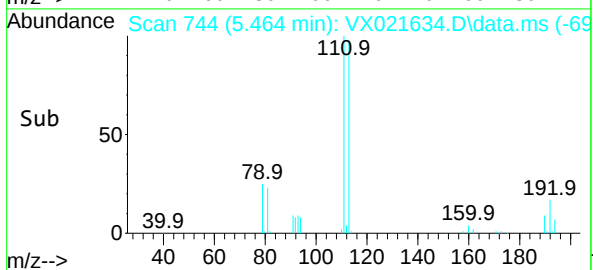
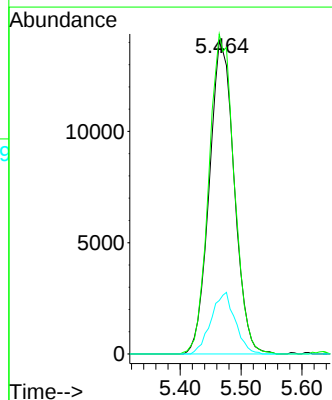
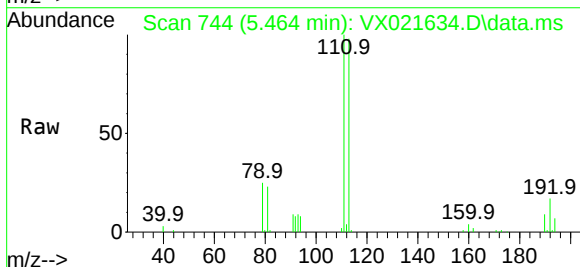
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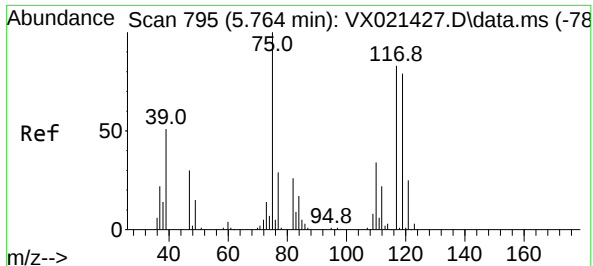
Tgt Ion:	114	Resp:	110890
Ion Ratio	Lower	Upper	
114	100		
63	23.4	0.0	40.8
88	17.1	0.0	32.8



#35
Dibromofluoromethane
Concen: 50.81 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021634.D
Acq: 30 Mar 2021 16:52

Tgt Ion:	113	Resp:	40021
Ion Ratio	Lower	Upper	
113	100		
111	103.8	81.9	122.9
192	19.0	16.7	25.1





#36

1,1-Dichloropropene

Concen: 4.96 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.135 min

Lab File: VX021634.D

Acq: 30 Mar 2021 16:52

Tgt Ion: 75 Resp: 5391

Ion Ratio Lower Upper

75 100

110 11.7 18.1 54.4#

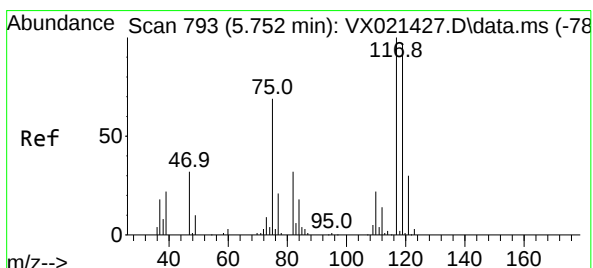
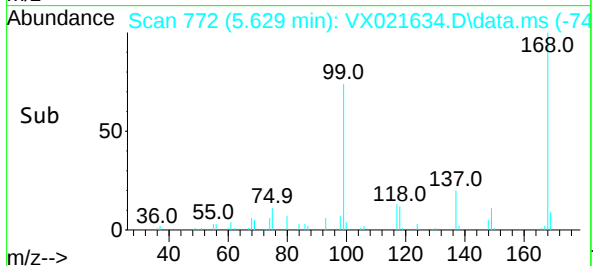
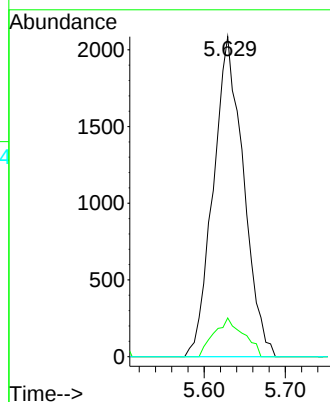
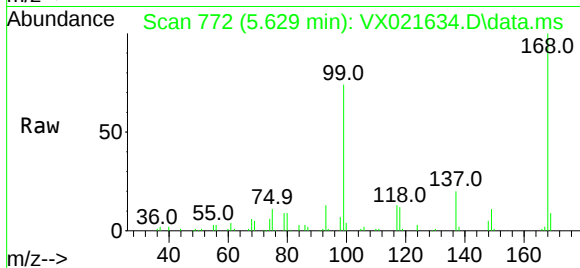
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA



#38

Carbon Tetrachloride

Concen: 5.67 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.123 min

Lab File: VX021634.D

Acq: 30 Mar 2021 16:52

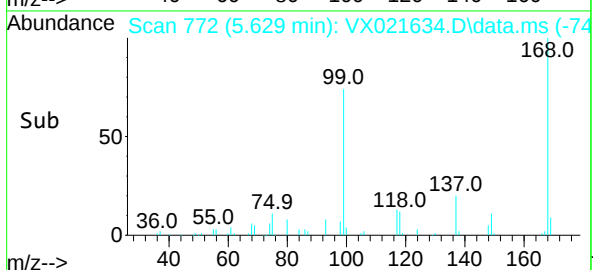
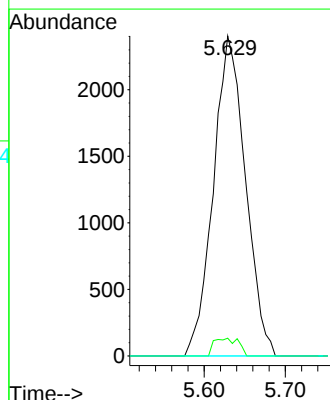
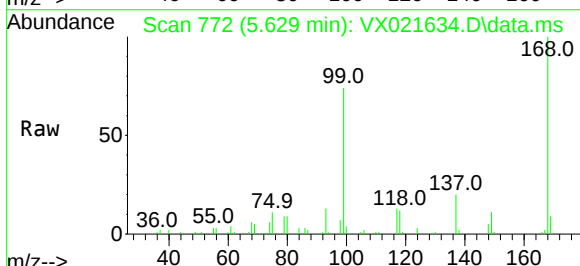
Tgt Ion: 117 Resp: 6620

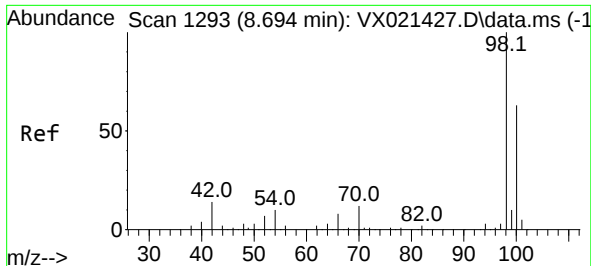
Ion Ratio Lower Upper

117 100

119 5.5 76.2 114.2#

121 0.0 24.8 37.2#

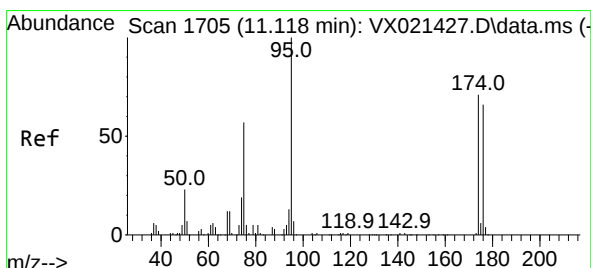
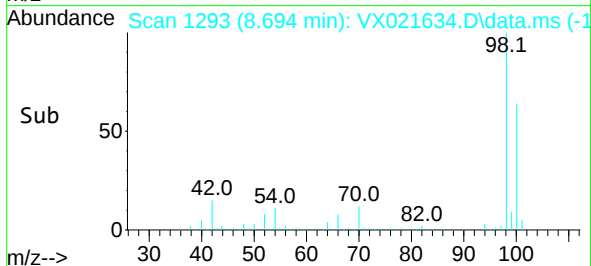
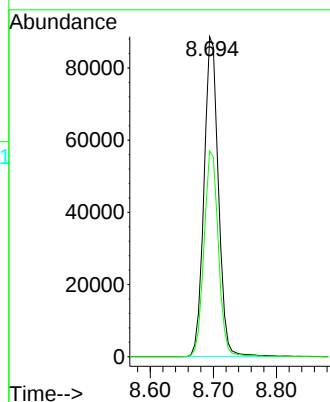
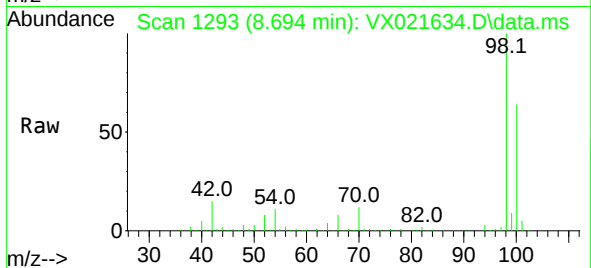




#50
Toluene-d8
Concen: 50.14 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021634.D
Acq: 30 Mar 2021 16:52

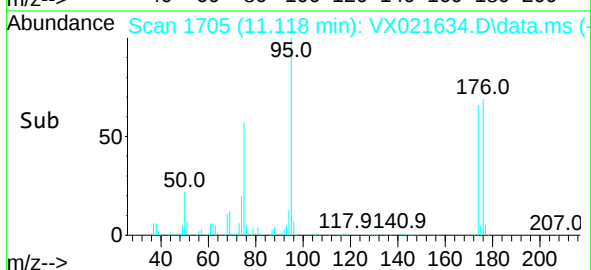
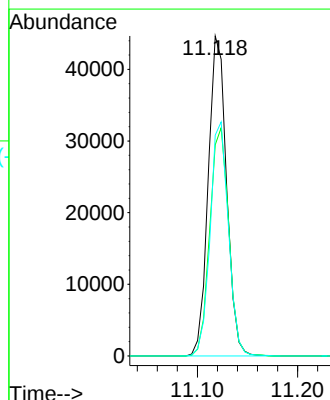
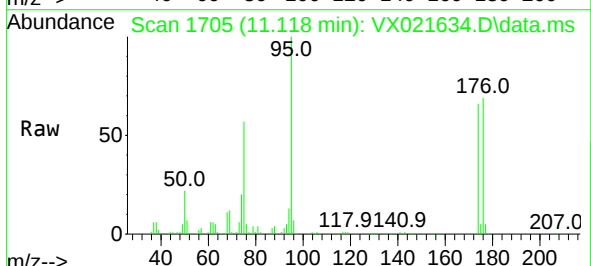
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

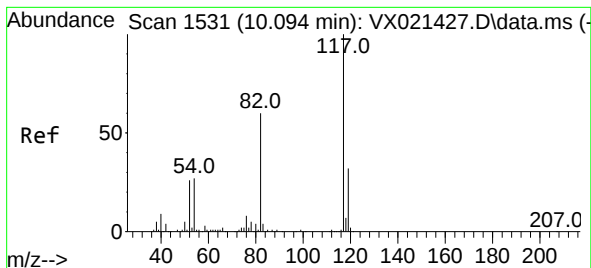
Tgt Ion: 98 Resp: 140749
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.86 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021634.D
Acq: 30 Mar 2021 16:52

Tgt Ion: 95 Resp: 56597
Ion Ratio Lower Upper
95 100
174 73.6 0.0 154.6
176 72.9 0.0 155.8

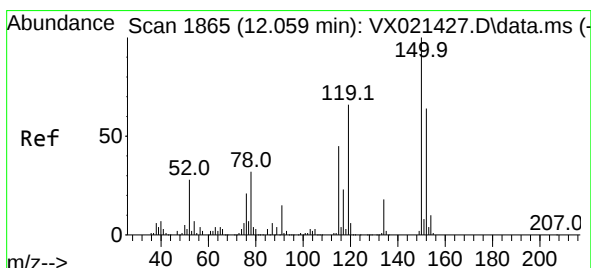
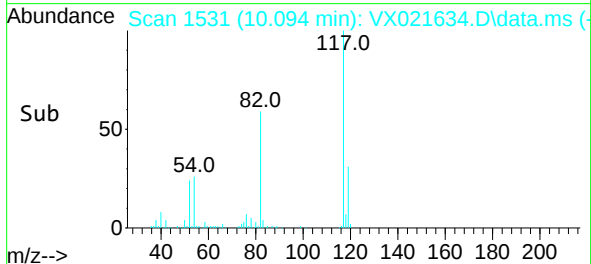
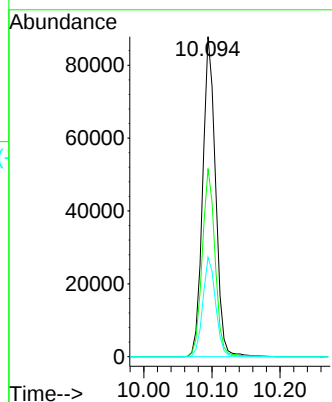
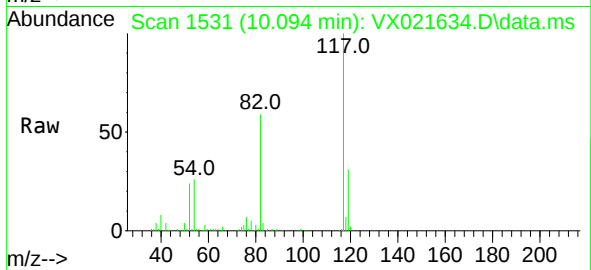




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021634.D
Acq: 30 Mar 2021 16:52

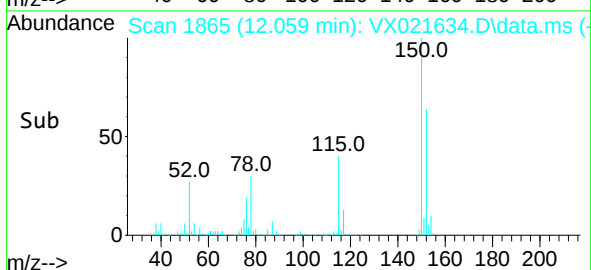
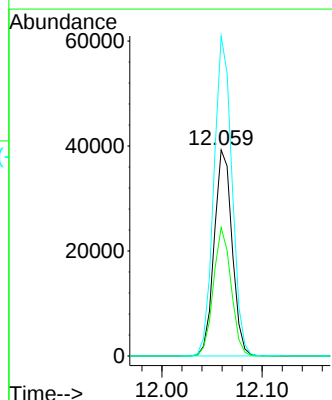
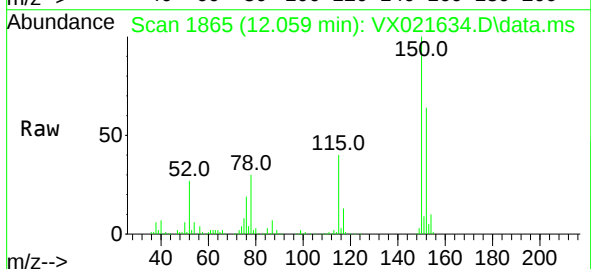
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

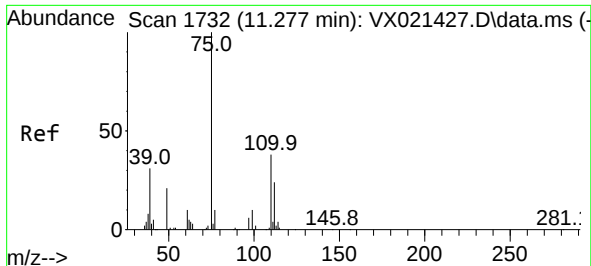
Tgt Ion:117 Resp: 115264
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 31.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021634.D
Acq: 30 Mar 2021 16:52

Tgt Ion:152 Resp: 48671
Ion Ratio Lower Upper
152 100
115 61.3 41.1 123.3
150 156.4 0.0 349.0

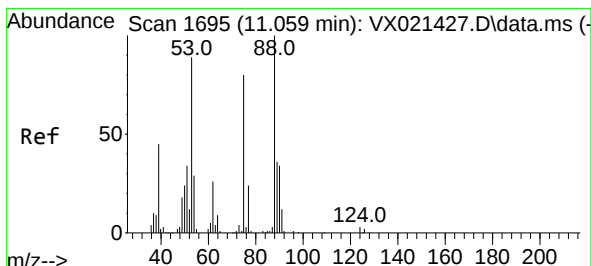
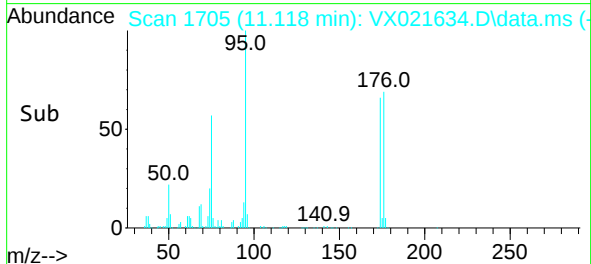
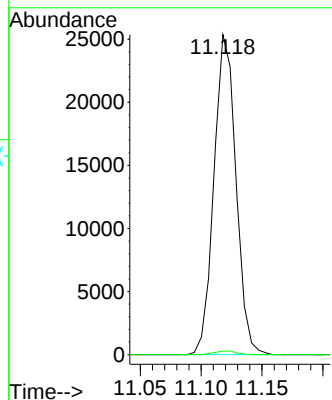
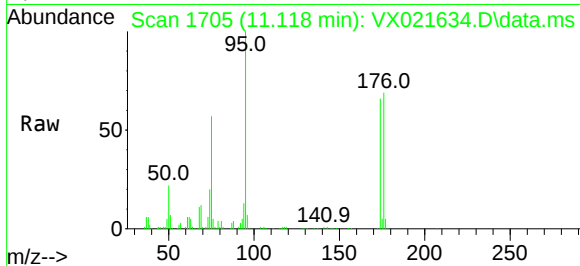




#76
1,2,3-Trichloropropane
Concen: 28.12 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021634.D
Acq: 30 Mar 2021 16:52

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 75 Resp: 31867
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.67 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021634.D
Acq: 30 Mar 2021 16:52

Tgt Ion: 75 Resp: 31867
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

