

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030521\
 Data File : VX021001.D
 Acq On : 03 Mar 2021 16:29
 Operator : JC/MD
 Sample : M1505-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 04 01:05:18 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)

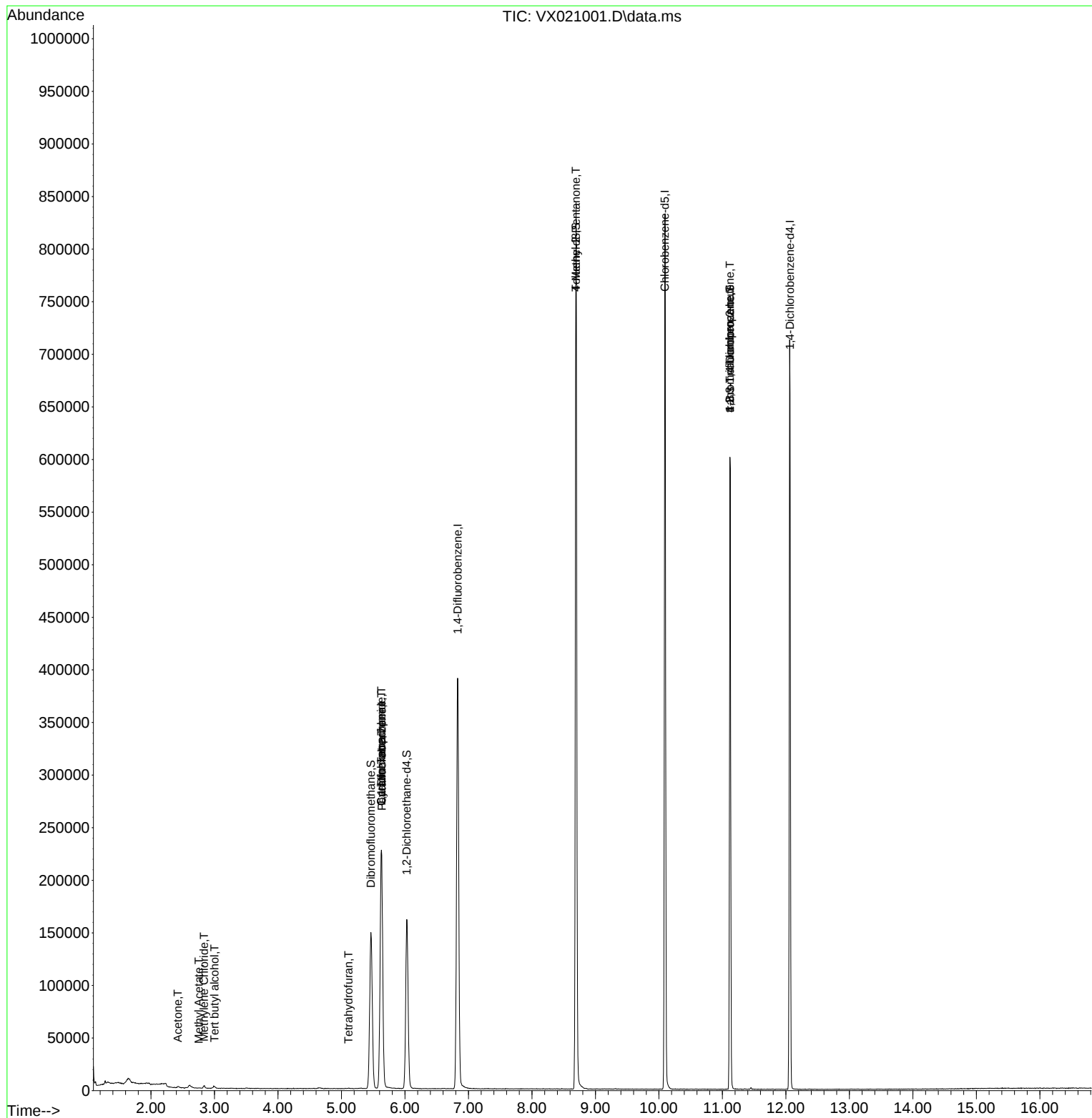
Internal Standards						
1) Pentafluorobenzene	5.635	168	223369	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	416373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	382530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	155319	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	152983	50.70	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.40%			
35) Dibromofluoromethane	5.464	113	132478	52.37	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.74%			
50) Toluene-d8	8.694	98	509442	51.65	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.30%			
62) 4-Bromofluorobenzene	11.118	95	173320	47.52	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.04%			
Target Compounds						
5) Bromomethane	1.640	94	493	Below Cal		98
11) Tert butyl alcohol	2.999	59	1252	1.86 ug/l #		73
16) Acetone	2.423	43	1531	1.23 ug/l		100
18) Methyl Acetate	2.752	43	658	0.22 ug/l #		65
20) Methylene Chloride	2.834	84	1134	0.38 ug/l		97
29) Tetrahydrofuran	5.111	42	291	0.24 ug/l #		27
31) Cyclohexane	5.629	56	4493	1.03 ug/l #		1
36) 1,1-Dichloropropene	5.629	75	17174	4.34 ug/l #		48
38) Carbon Tetrachloride	5.629	117	21557	5.62 ug/l #		16
51) 4-Methyl-2-Pentanone	8.694	43	2101	0.56 ug/l #		1
76) 1,2,3-Trichloropropane	11.118	75	82185	24.60 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	82185	54.46 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
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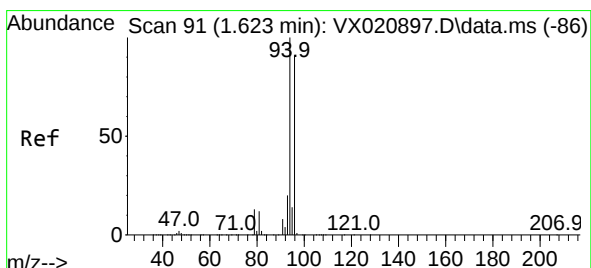
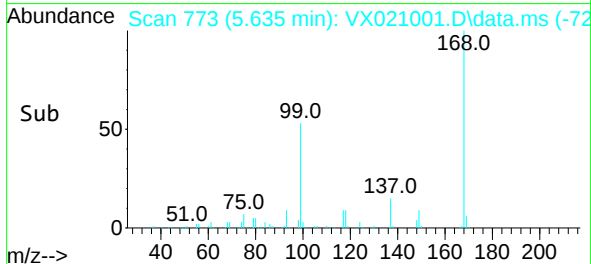
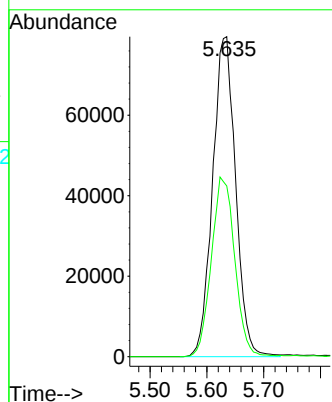
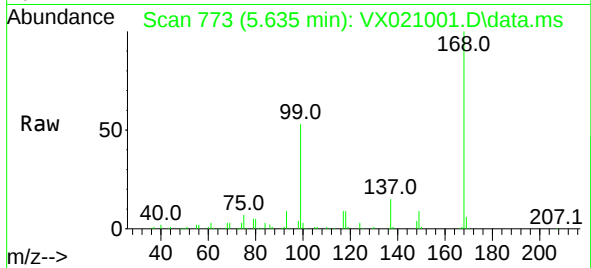




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021001.D
Acq: 03 Mar 2021 16:29

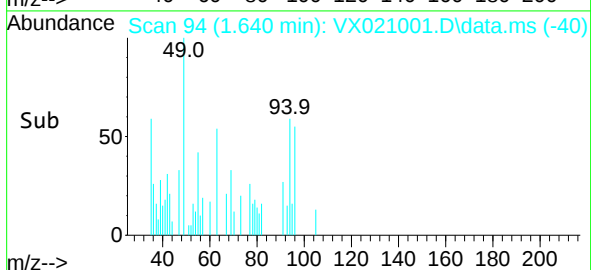
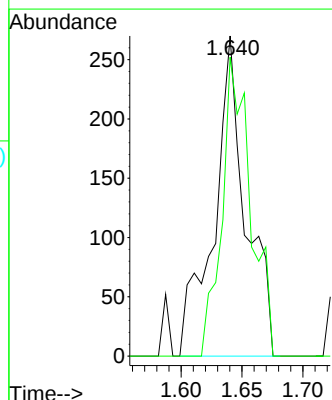
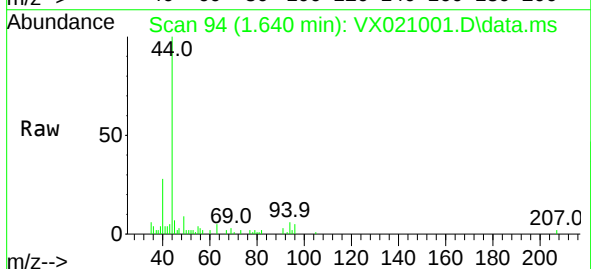
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion:168 Resp: 223369
Ion Ratio Lower Upper
168 100
99 53.3 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021001.D
Acq: 03 Mar 2021 16:29

Tgt Ion: 94 Resp: 493
Ion Ratio Lower Upper
94 100
96 93.3 76.4 114.6

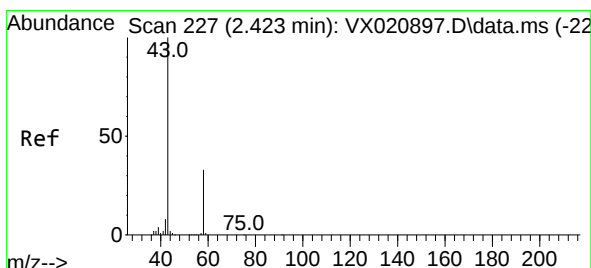
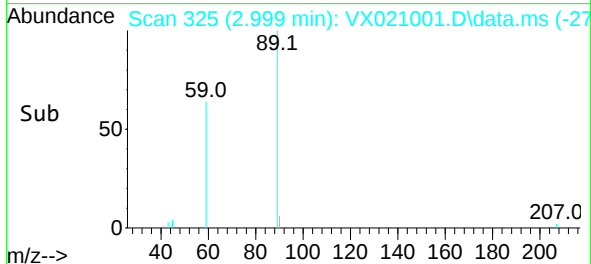
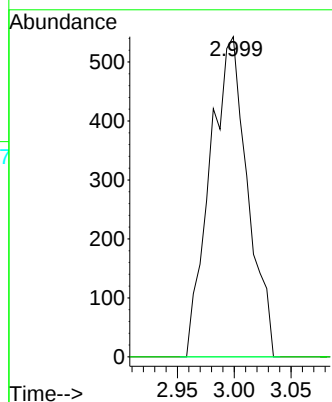
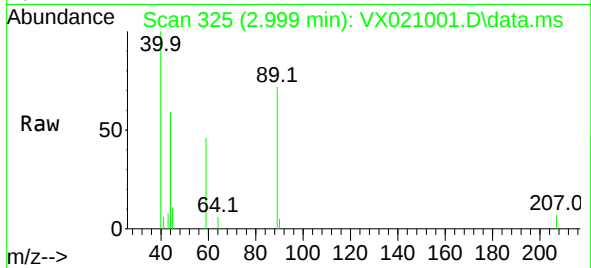




#11
Tert butyl alcohol
Concen: 1.86 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021001.D
Acq: 03 Mar 2021 16:29

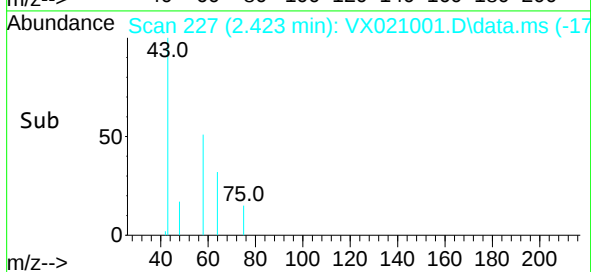
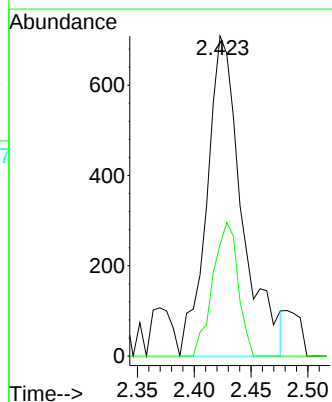
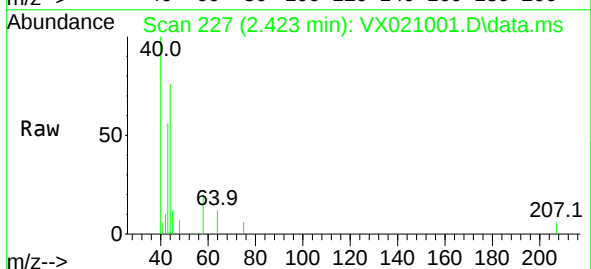
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

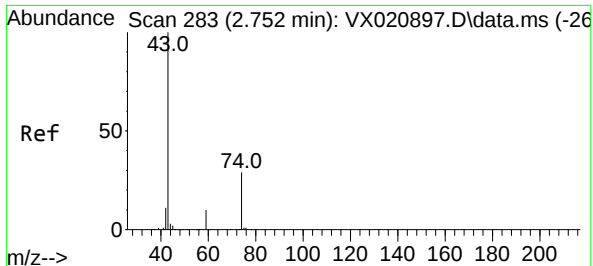
Tgt Ion: 59 Resp: 1252
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 1.23 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021001.D
Acq: 03 Mar 2021 16:29

Tgt Ion: 43 Resp: 1531
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.8





#18

Methyl Acetate

Concen: 0.22 ug/l

RT: 2.752 min Scan# 283

Delta R.T. -0.000 min

Lab File: VX021001.D

Acq: 03 Mar 2021 16:29

Instrument :

MSVOA_X

ClientSampleId :

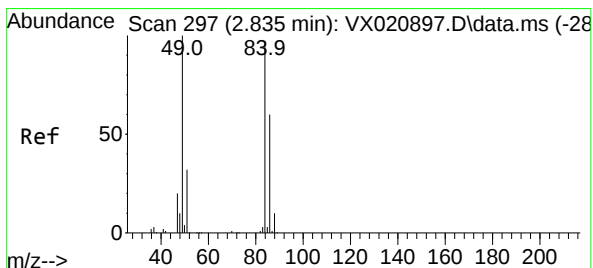
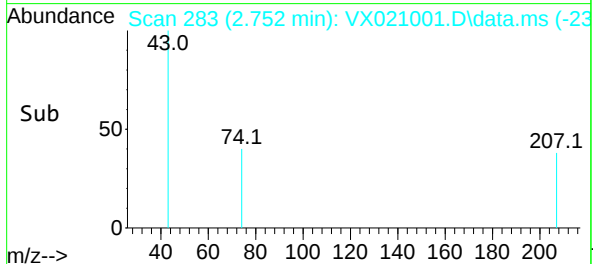
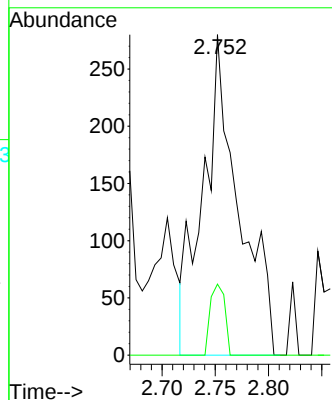
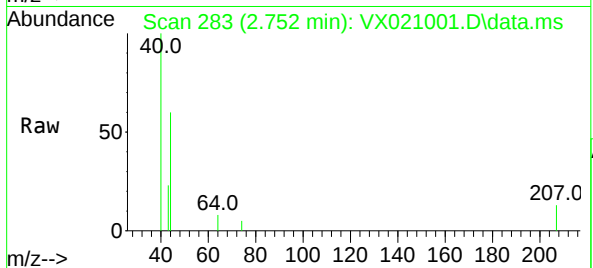
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 43 Resp: 658

Ion Ratio Lower Upper

43 100

74 9.0 21.9 32.9#



#20

Methylene Chloride

Concen: 0.38 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.000 min

Lab File: VX021001.D

Acq: 03 Mar 2021 16:29

Tgt Ion: 84 Resp: 1134

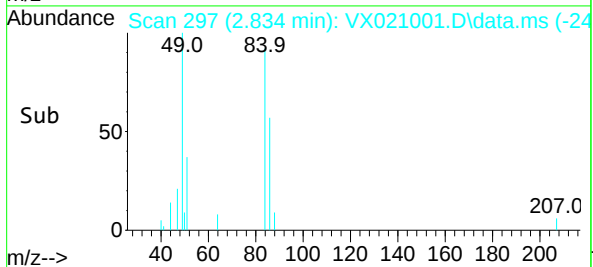
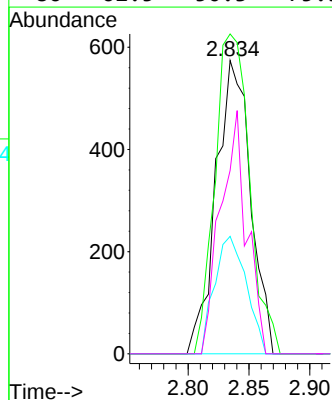
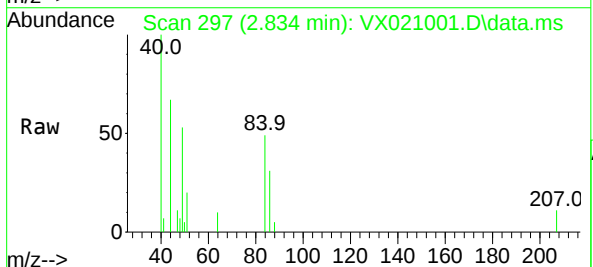
Ion Ratio Lower Upper

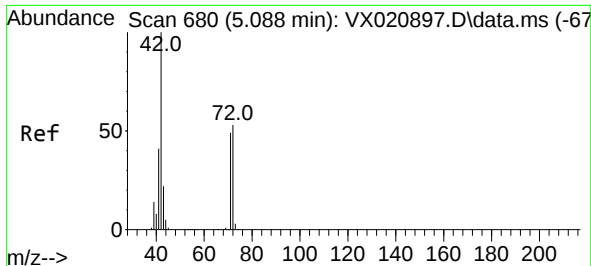
84 100

49 109.1 88.6 132.8

51 40.1 27.0 40.6

86 62.5 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.24 ug/l

RT: 5.111 min Scan# 684

Delta R.T. 0.023 min

Lab File: VX021001.D

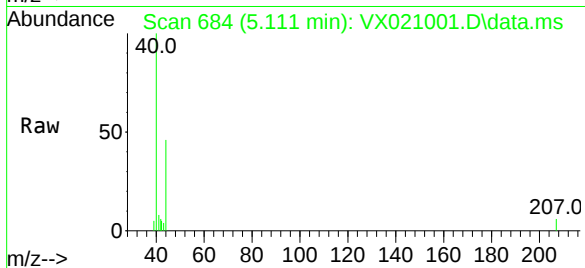
Acq: 03 Mar 2021 16:29

Instrument :

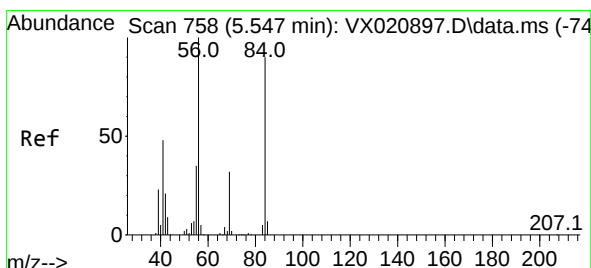
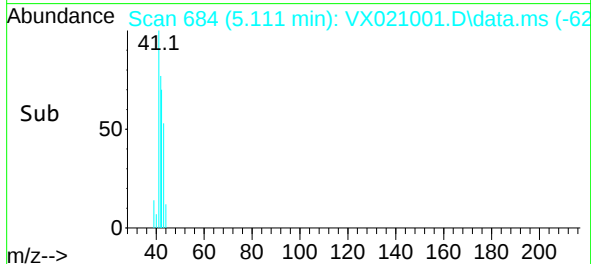
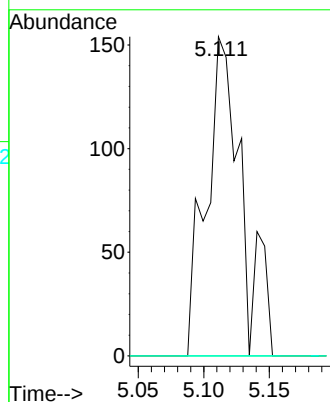
MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA



Tgt Ion:	42	Resp:	291
Ion Ratio	Lower	Upper	
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



#31

Cyclohexane

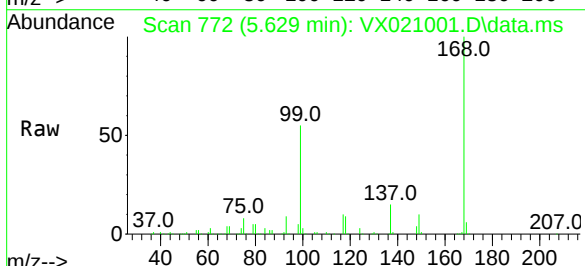
Concen: 1.03 ug/l

RT: 5.629 min Scan# 772

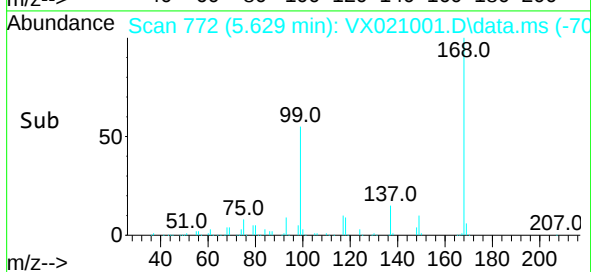
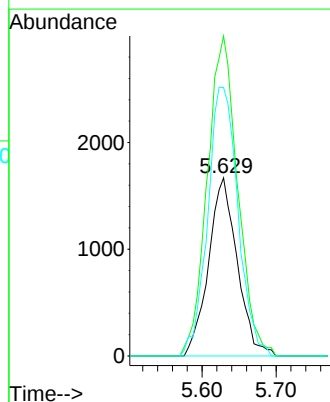
Delta R.T. 0.082 min

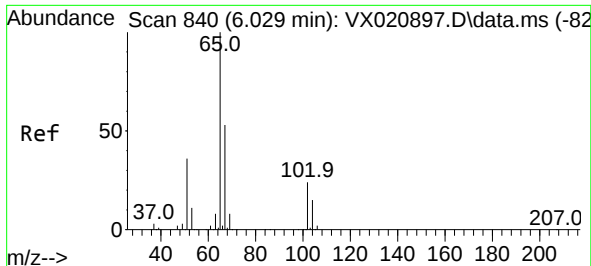
Lab File: VX021001.D

Acq: 03 Mar 2021 16:29



Tgt Ion:	56	Resp:	4493
Ion Ratio	Lower	Upper	
56	100		
69	179.6	25.3	37.9#
84	150.7	71.4	107.0#

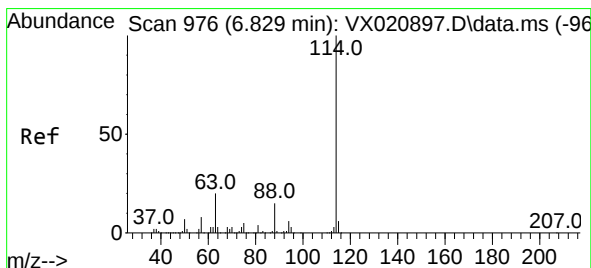
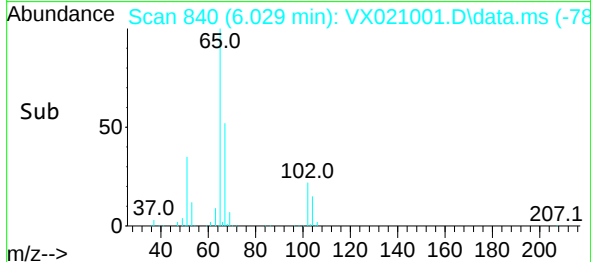
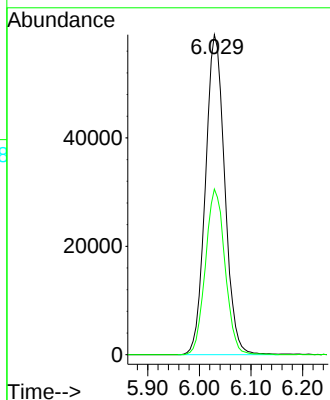
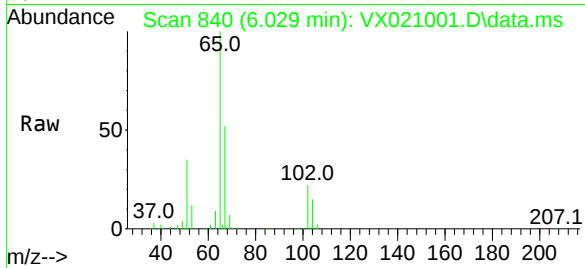




#33
 1,2-Dichloroethane-d4
 Concen: 50.70 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX021001.D
 Acq: 03 Mar 2021 16:29

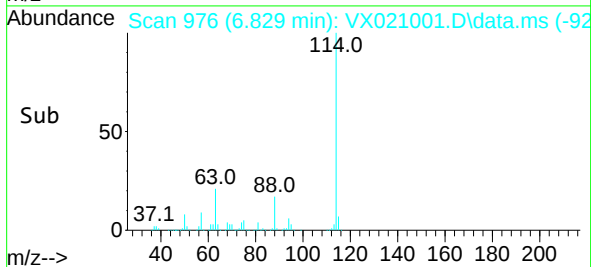
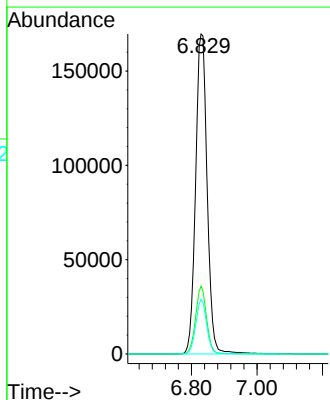
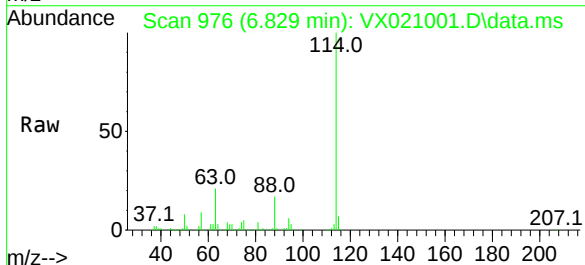
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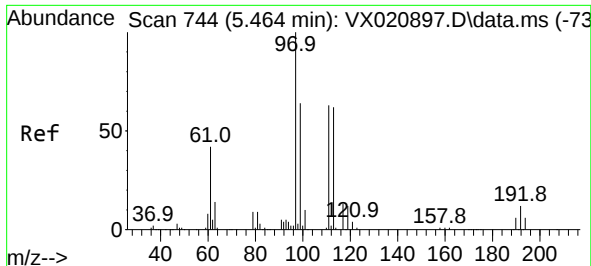
Tgt Ion: 65 Resp: 152983
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX021001.D
 Acq: 03 Mar 2021 16:29

Tgt Ion: 114 Resp: 416373
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.8
 88 17.0 0.0 32.8

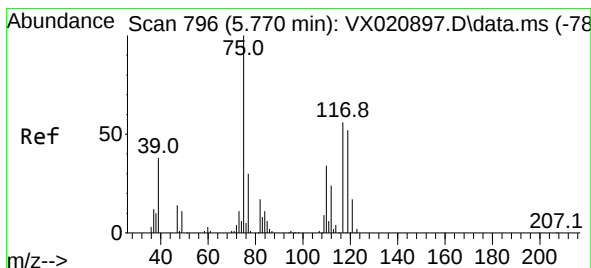
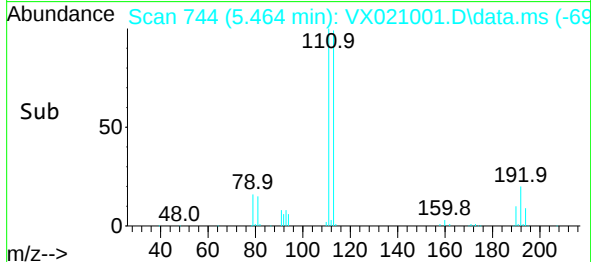
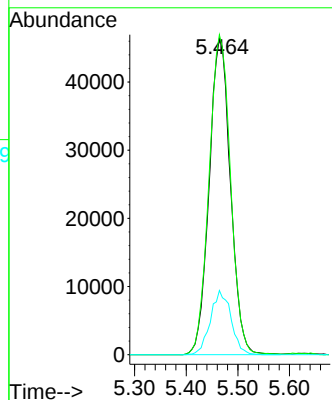
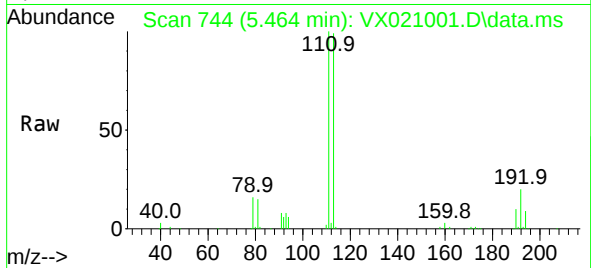




#35
Dibromofluoromethane
Concen: 52.37 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021001.D
Acq: 03 Mar 2021 16:29

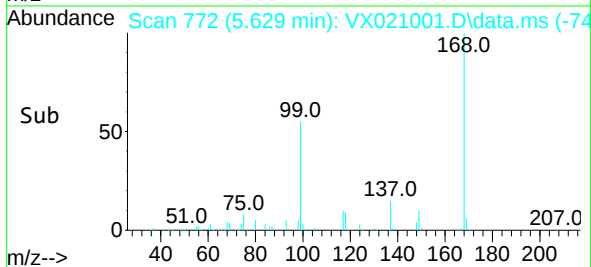
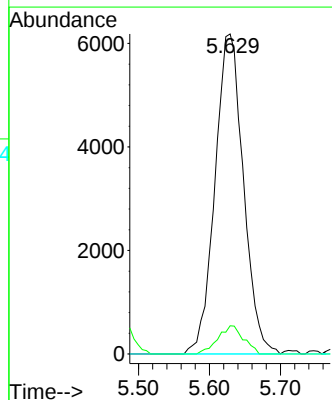
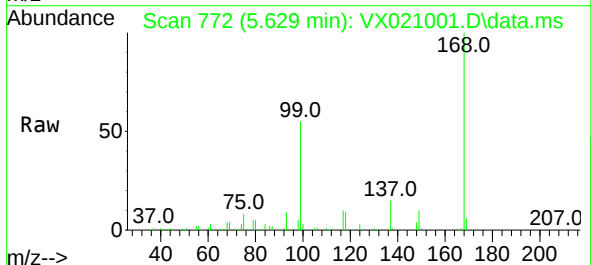
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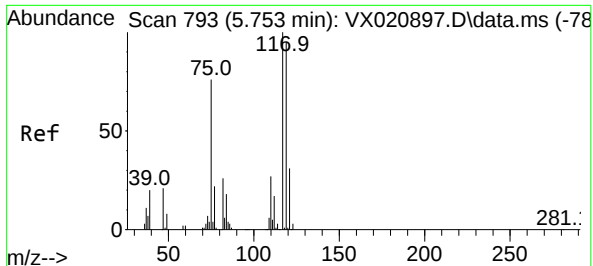
Tgt Ion:113 Resp: 132478
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 19.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021001.D
Acq: 03 Mar 2021 16:29

Tgt Ion: 75 Resp: 17174
Ion Ratio Lower Upper
75 100
110 8.0 18.1 54.4#
77 0.0 25.3 37.9#

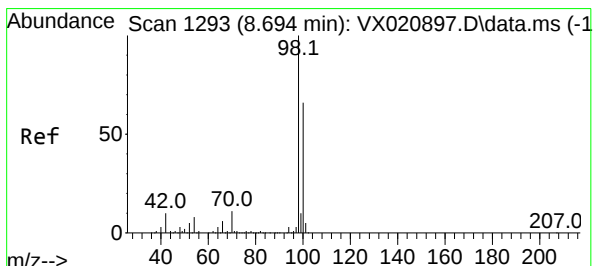
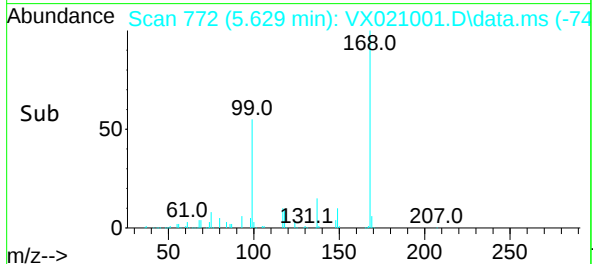
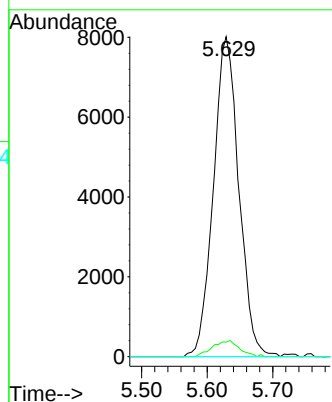
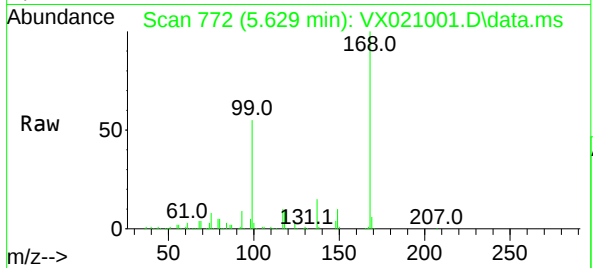




#38
Carbon Tetrachloride
Concen: 5.62 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021001.D
Acq: 03 Mar 2021 16:29

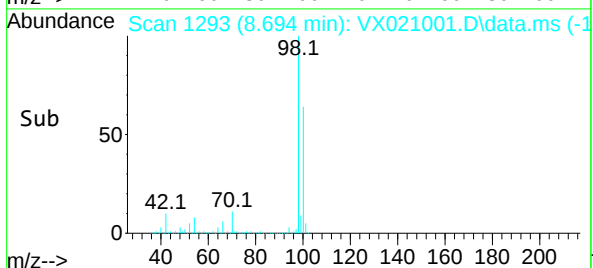
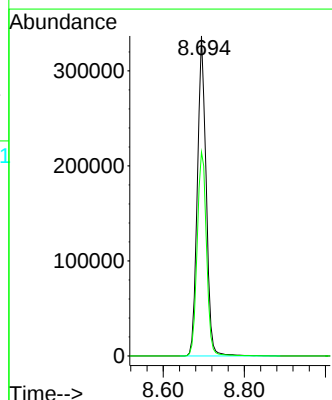
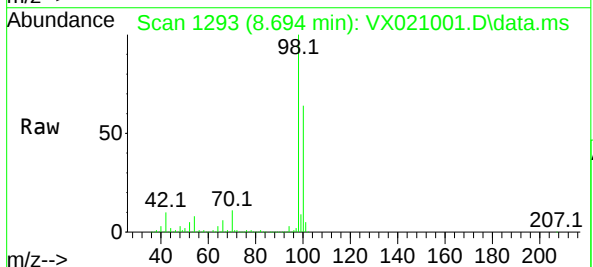
Instrument :
MSVOA_X
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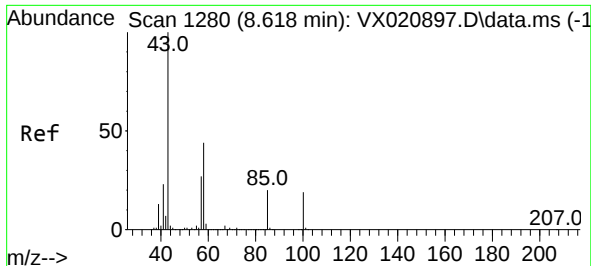
Tgt Ion:117 Resp: 21557
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.65 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021001.D
Acq: 03 Mar 2021 16:29

Tgt Ion: 98 Resp: 509442
Ion Ratio Lower Upper
98 100
100 67.8 51.9 77.9

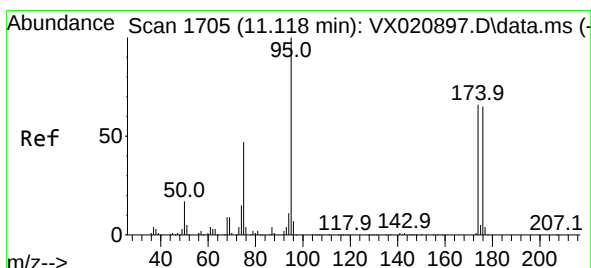
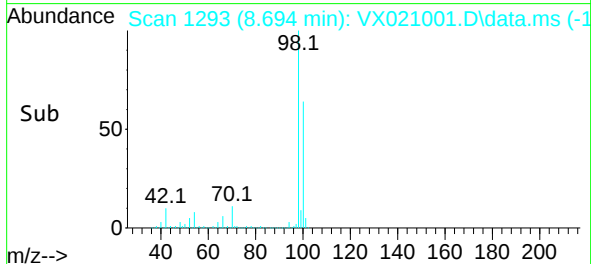
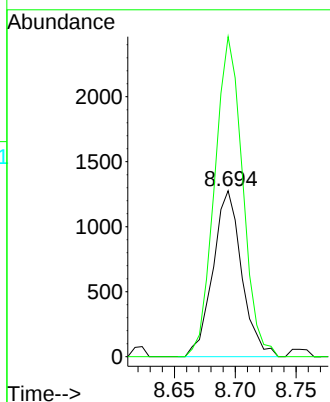
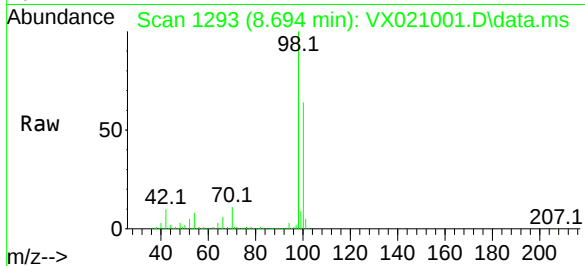




#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VX021001.D
Acq: 03 Mar 2021 16:29

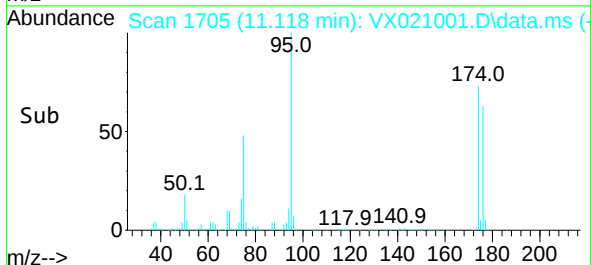
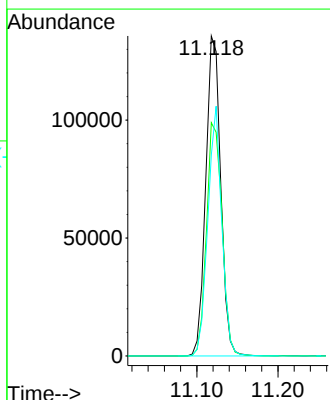
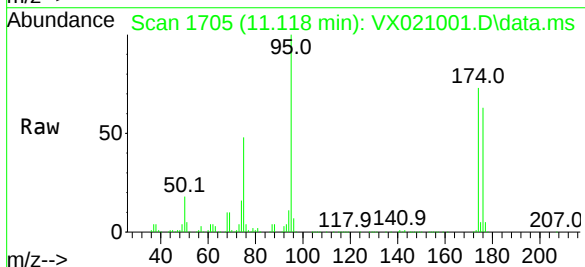
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

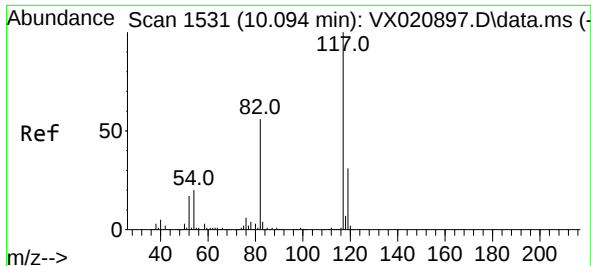
Tgt Ion: 43 Resp: 2101
Ion Ratio Lower Upper
43 100
58 187.6 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 47.52 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021001.D
Acq: 03 Mar 2021 16:29

Tgt Ion: 95 Resp: 173320
Ion Ratio Lower Upper
95 100
174 76.0 0.0 154.6
176 72.7 0.0 155.8

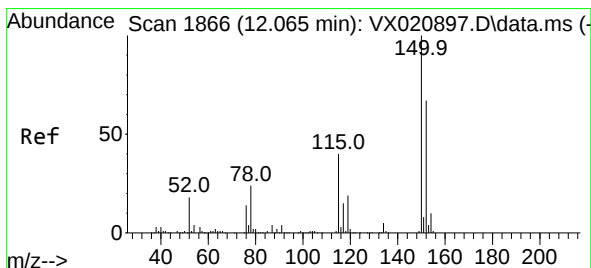
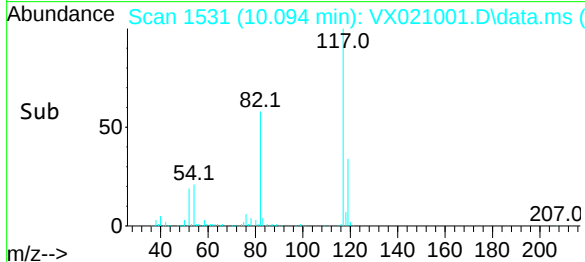
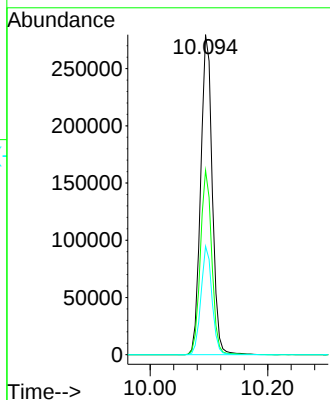
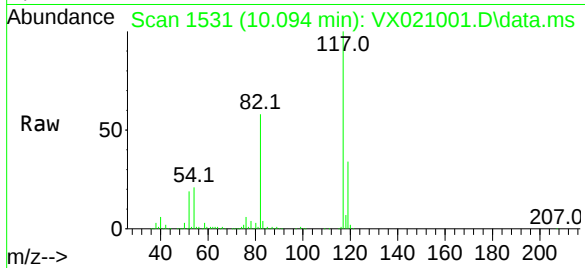




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021001.D
Acq: 03 Mar 2021 16:29

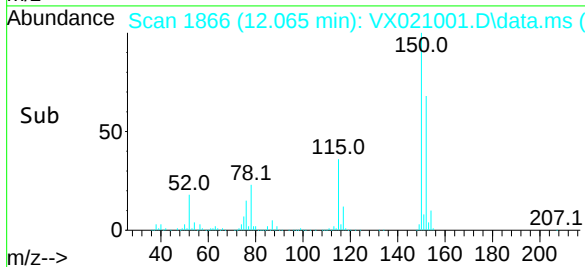
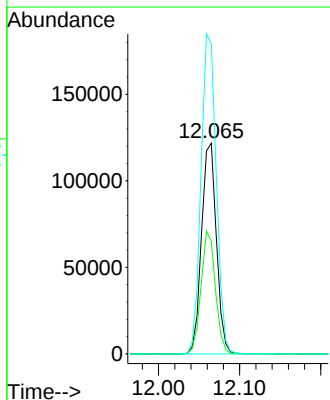
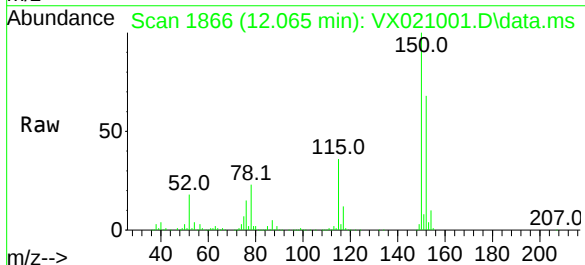
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

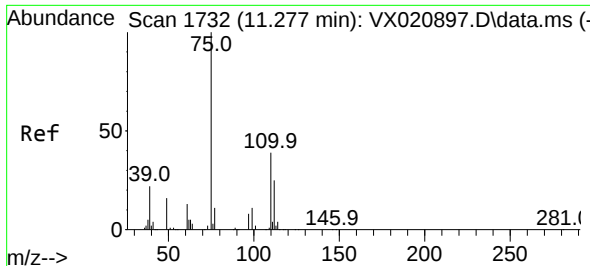
Tgt Ion:117 Resp: 382530
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 33.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX021001.D
Acq: 03 Mar 2021 16:29

Tgt Ion:152 Resp: 155319
Ion Ratio Lower Upper
152 100
115 56.1 41.1 123.3
150 155.4 0.0 349.0

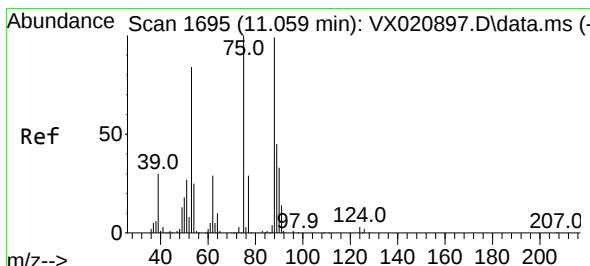
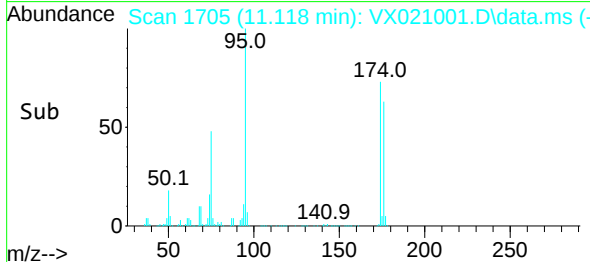
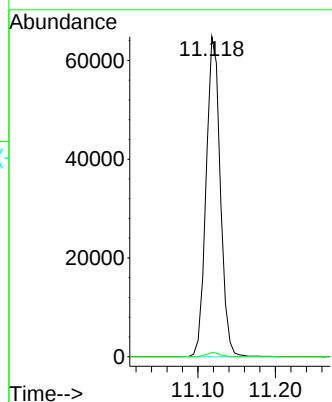
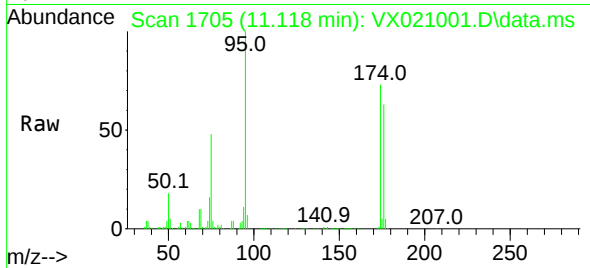




#76
1,2,3-Trichloropropane
Concen: 24.60 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021001.D
Acq: 03 Mar 2021 16:29

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

Tgt Ion: 75 Resp: 82185
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.46 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021001.D
Acq: 03 Mar 2021 16:29

Tgt Ion: 75 Resp: 82185
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

