

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011921\
 Data File : VX020665.D
 Acq On : 19 Jan 2021 17:40
 Operator : JC/SP
 Sample : M1100-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jan 20 03:21:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 14:09:08 2021
 Response via : Initial Calibration

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

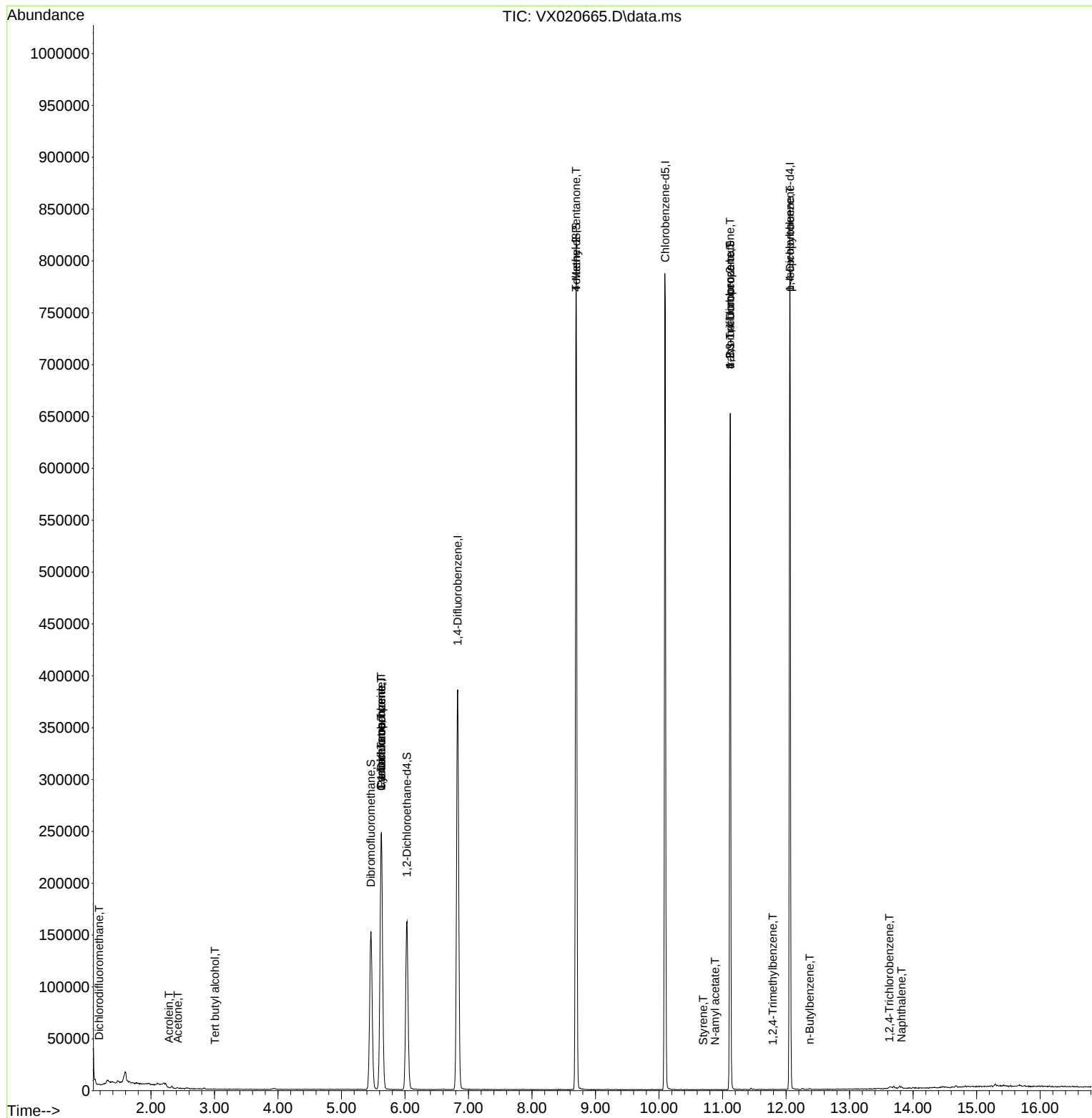
Internal Standards						
1) Pentafluorobenzene	5.629	168	232689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	398376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	372472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	168783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	160268	50.37	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.74%			
35) Dibromofluoromethane	5.464	113	131969	48.08	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.16%			
50) Toluene-d8	8.695	98	484335	48.94	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.88%			
62) 4-Bromofluorobenzene	11.122	95	177362	47.41	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.82%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	45	0.76	ug/l #	42
6) Chloroethane	1.678	64	38	Below Cal	#	1
11) Tert butyl alcohol	3.007	59	229	0.41	ug/l #	73
13) Acrolein	2.282	56	44	30.42	ug/l #	14
16) Acetone	2.422	43	1003	0.81	ug/l	95
31) Cyclohexane	5.623	56	4612	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	18166	4.52	ug/l #	49
38) Carbon Tetrachloride	5.623	117	23456	5.47	ug/l #	17
51) 4-Methyl-2-Pentanone	8.695	43	1974	0.55	ug/l #	1
70) Styrene	10.695	104	77	1.43	ug/l #	55
74) N-amyl acetate	10.884	43	19	1.94	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	86394	21.33	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	86394	61.70	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.792	105	166	0.41	ug/l #	31
86) p-Isopropyltoluene	12.061	119	306	0.91	ug/l #	1
89) n-Butylbenzene	12.372	91	420	1.47	ug/l #	75
93) 1,2,4-Trichlorobenzene	13.627	180	147	2.28	ug/l #	63
95) Naphthalene	13.816	128	934	2.02	ug/l #	83

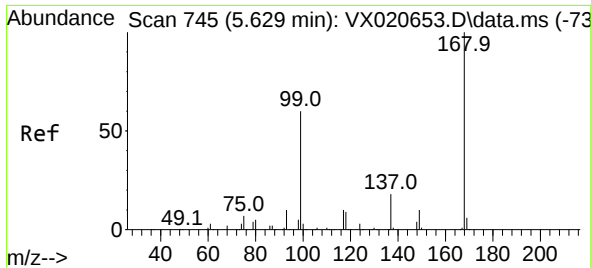
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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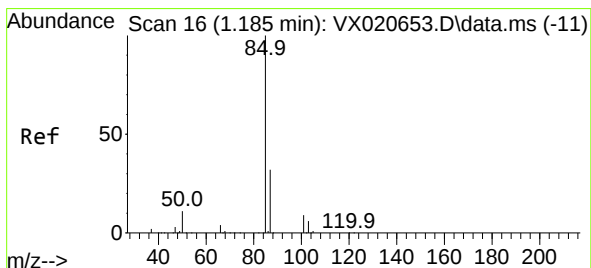
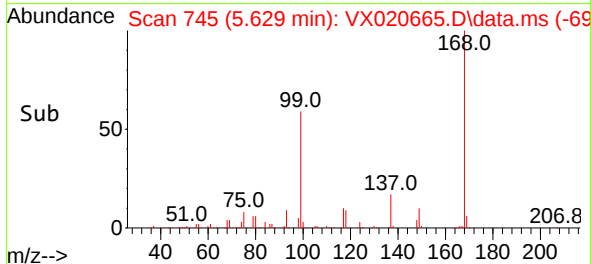
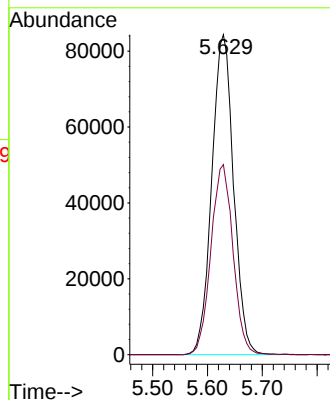
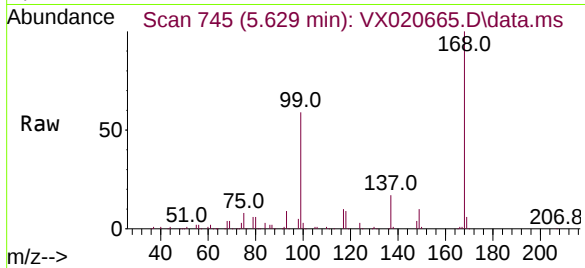




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020665.D
Acq: 19 Jan 2021 17:40

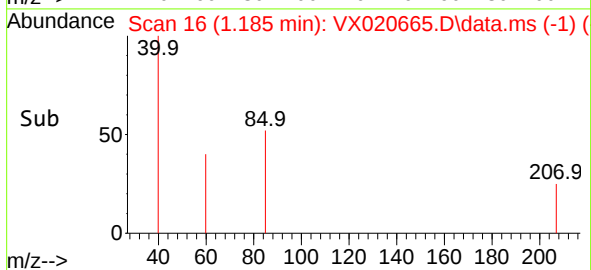
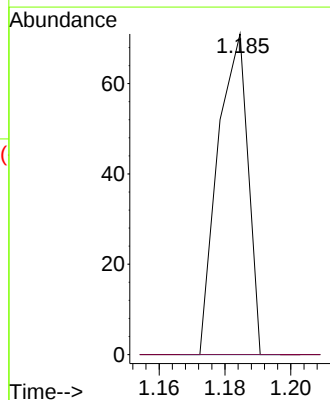
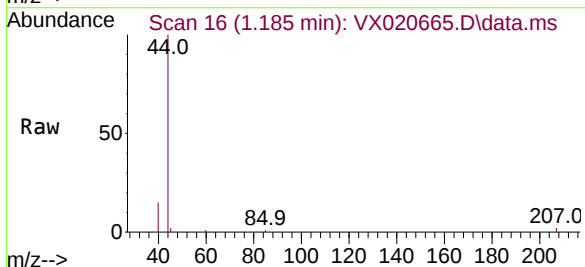
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

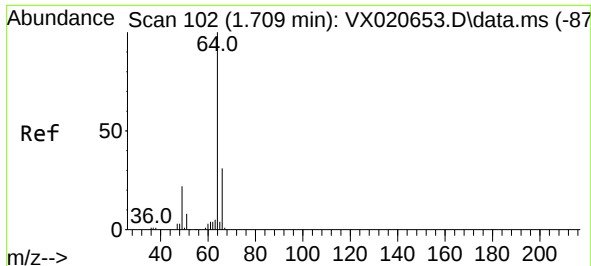
Tgt Ion:168 Resp: 232689
Ion Ratio Lower Upper
168 100
99 59.4 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.76 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020665.D
Acq: 19 Jan 2021 17:40

Tgt Ion: 85 Resp: 45
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

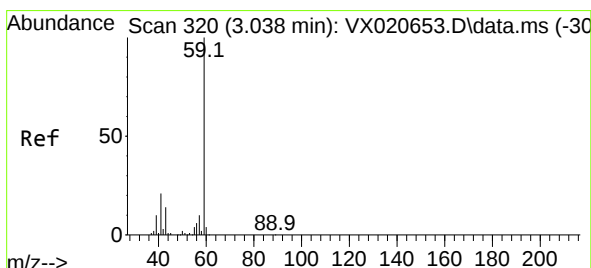
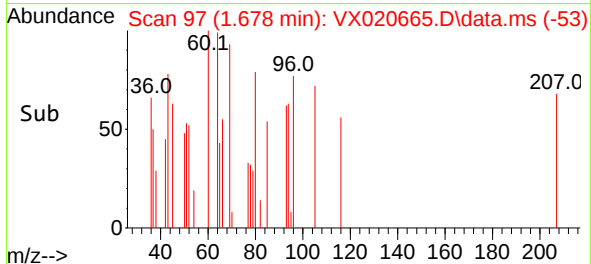
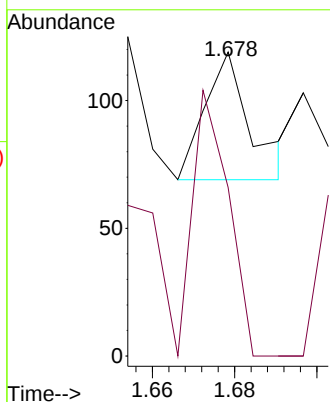
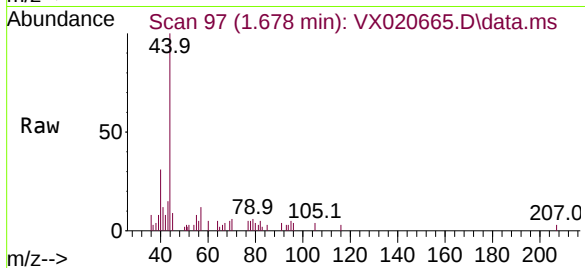




#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 97
Delta R.T. -0.031 min
Lab File: VX020665.D
Acq: 19 Jan 2021 17:40

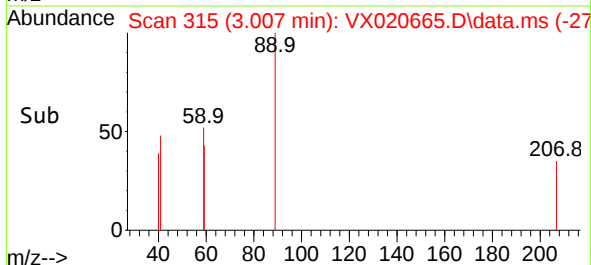
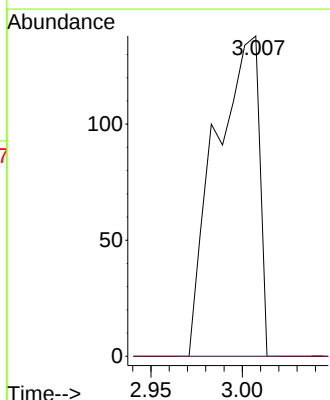
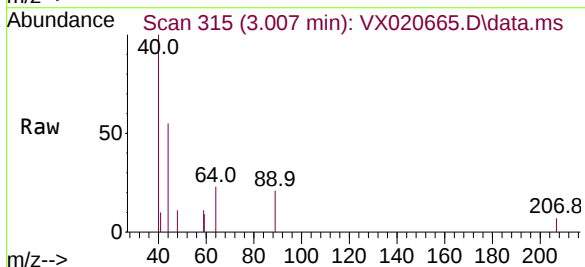
Instrument :
MSVOA_X
ClientSampleId :
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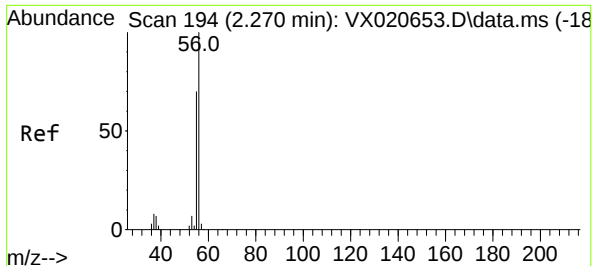
Tgt Ion: 64 Resp: 38
Ion Ratio Lower Upper
64 100
66 132.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 0.41 ug/l
RT: 3.007 min Scan# 315
Delta R.T. -0.031 min
Lab File: VX020665.D
Acq: 19 Jan 2021 17:40

Tgt Ion: 59 Resp: 229
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

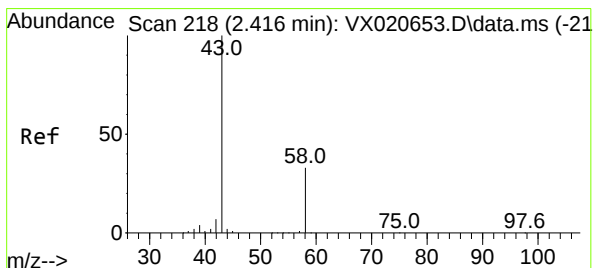
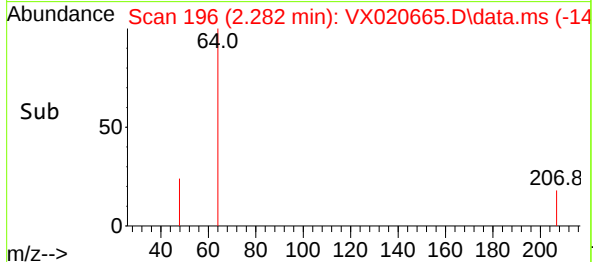
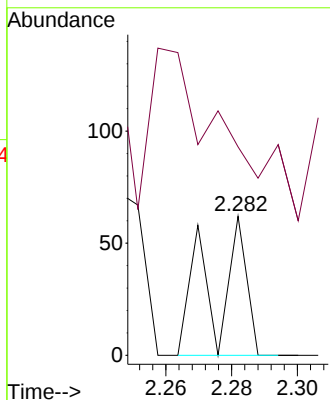
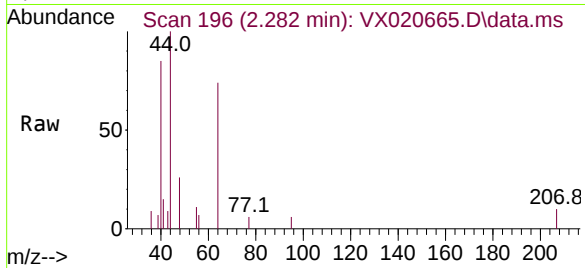




#13
Acrolein
Concen: 30.42 ug/l
RT: 2.282 min Scan# 196
Delta R.T. 0.012 min
Lab File: VX020665.D
Acq: 19 Jan 2021 17:40

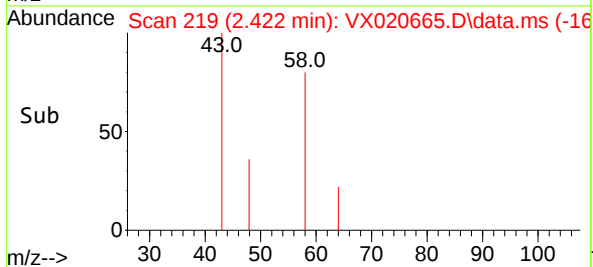
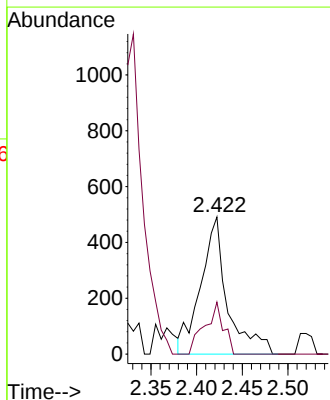
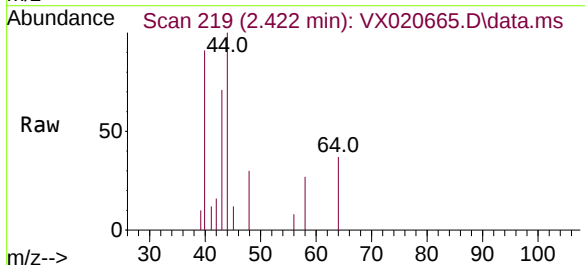
Instrument :
MSVOA_X
ClientSampleId :
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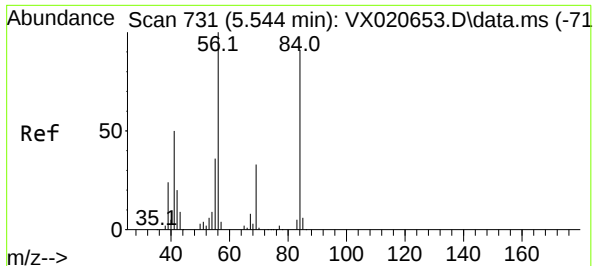
Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 0.81 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020665.D
Acq: 19 Jan 2021 17:40

Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
58 37.9 27.8 41.8

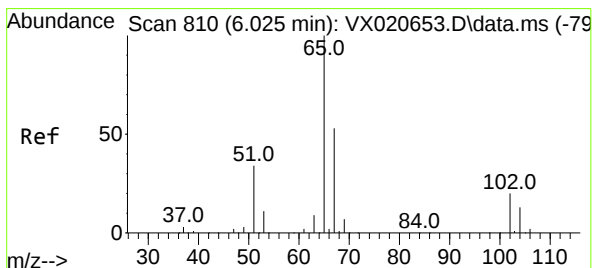
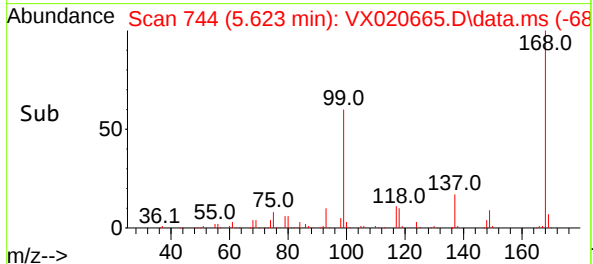
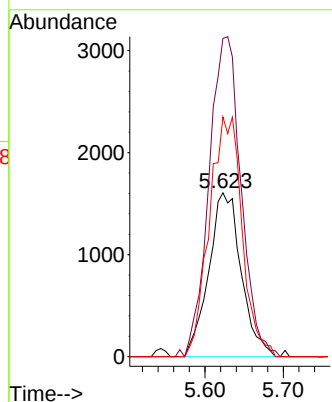
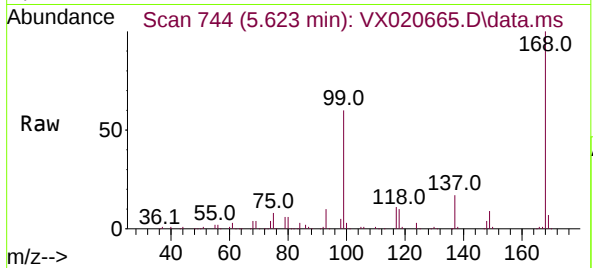




#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020665.D
Acq: 19 Jan 2021 17:40

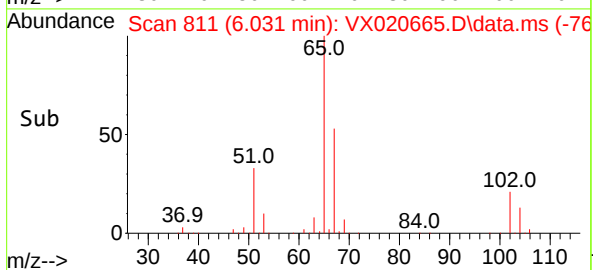
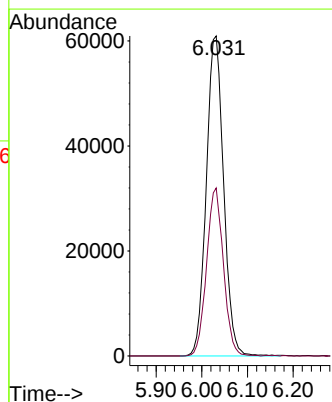
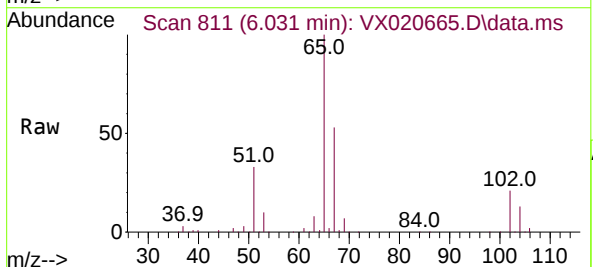
Instrument :
MSVOA_X
ClientSampleId :
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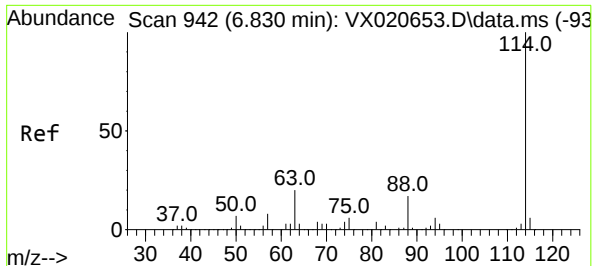
Tgt Ion: 56 Resp: 4612
Ion Ratio Lower Upper
56 100
69 194.2 25.3 37.9#
84 146.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.37 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020665.D
Acq: 19 Jan 2021 17:40

Tgt Ion: 65 Resp: 160268
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4

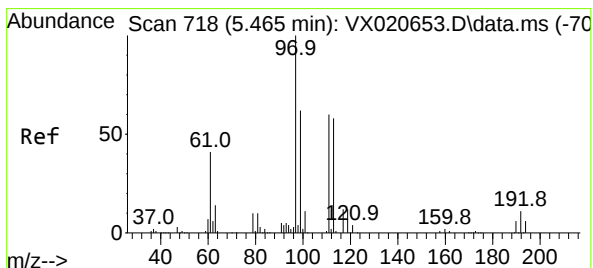
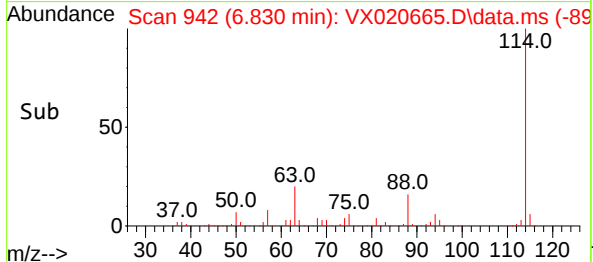
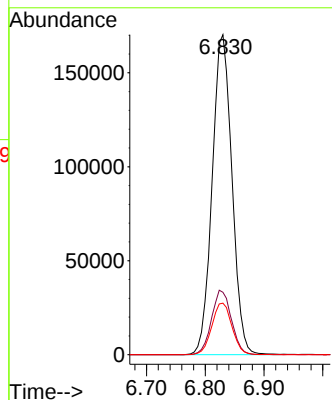
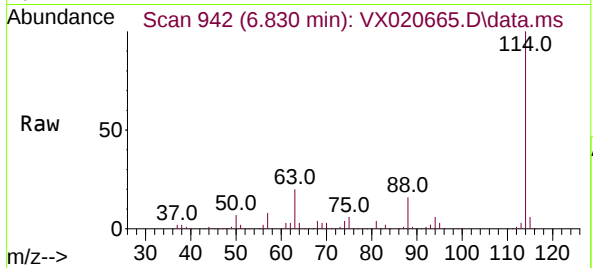




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020665.D
Acq: 19 Jan 2021 17:40

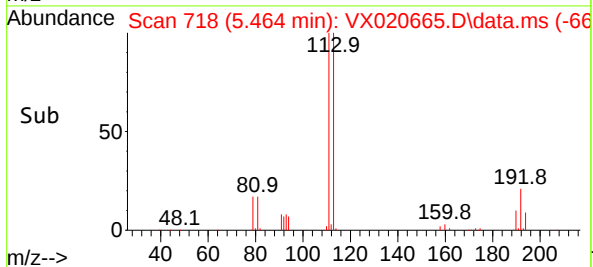
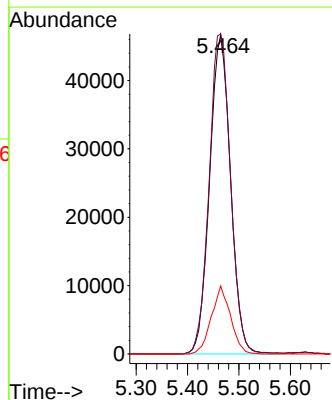
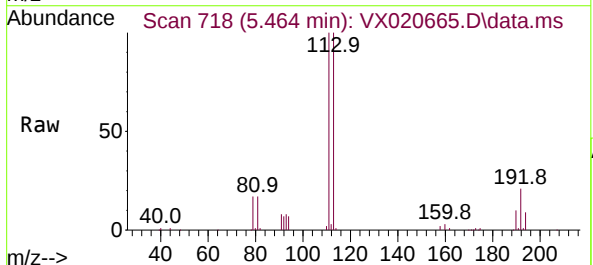
Instrument :
MSVOA_X
ClientSampleId :
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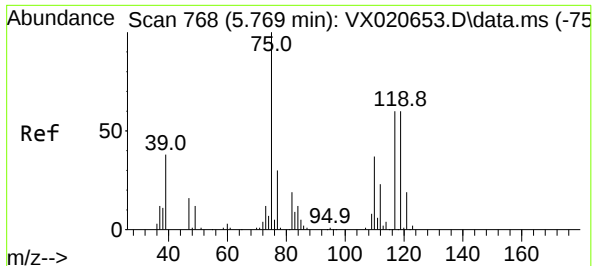
Tgt Ion:114 Resp: 398376
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.08 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020665.D
Acq: 19 Jan 2021 17:40

Tgt Ion:113 Resp: 131969
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 19.6 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.52 ug/l

RT: 5.623 min Scan# 744

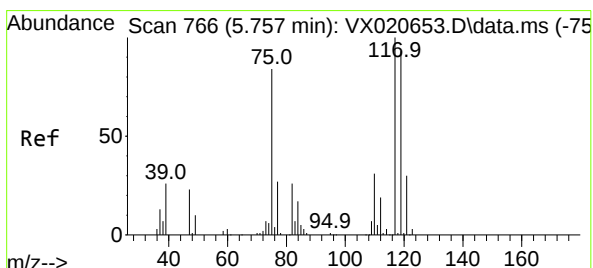
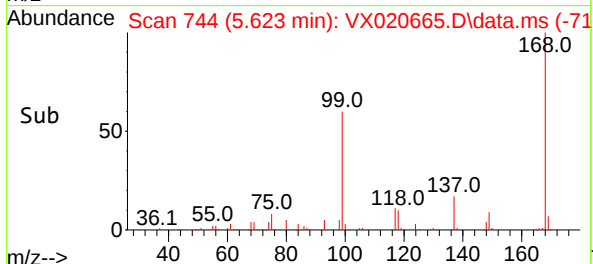
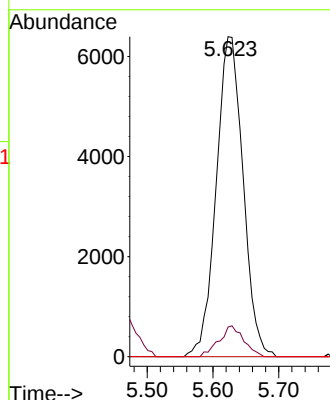
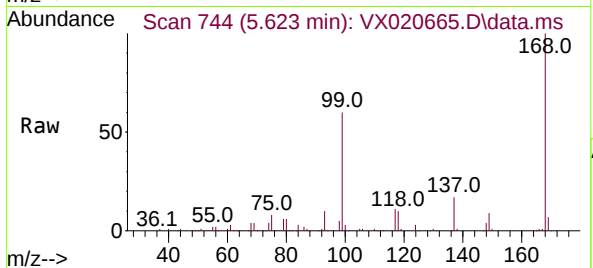
Delta R.T. -0.146 min

Lab File: VX020665.D

Acq: 19 Jan 2021 17:40

Tgt Ion: 75	Resp: 18166
Ion Ratio	Lower Upper
75 100	
110 8.9	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK



#38

Carbon Tetrachloride

Concen: 5.47 ug/l

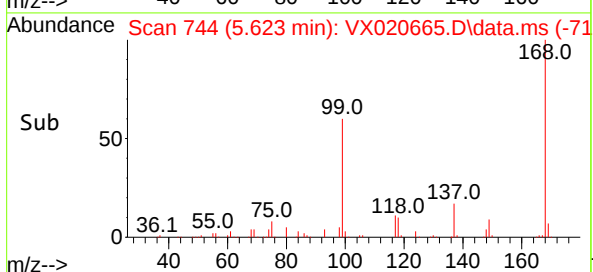
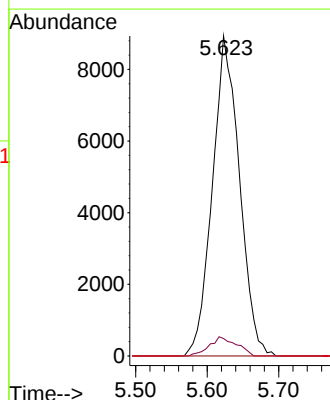
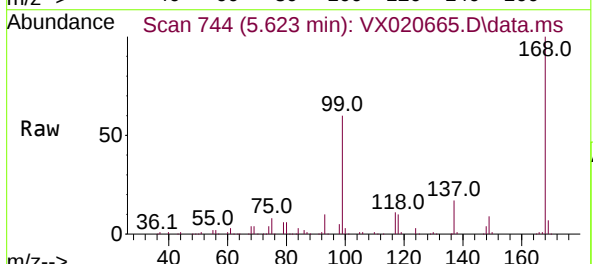
RT: 5.623 min Scan# 744

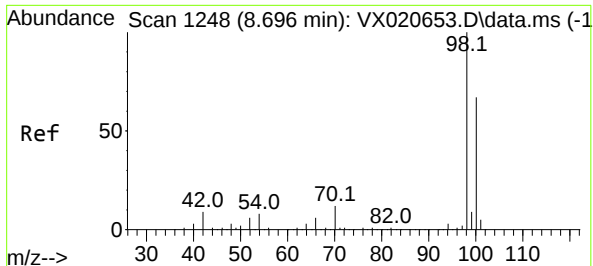
Delta R.T. -0.134 min

Lab File: VX020665.D

Acq: 19 Jan 2021 17:40

Tgt Ion: 117	Resp: 23456
Ion Ratio	Lower Upper
117 100	
119 5.4	76.2 114.2#
121 0.0	24.8 37.2#





#50

Toluene-d8

Concen: 48.94 ug/l

RT: 8.695 min Scan# 1248

Delta R.T. -0.001 min

Lab File: VX020665.D

Acq: 19 Jan 2021 17:40

Tgt Ion: 98 Resp: 484335

Ion Ratio Lower Upper

98 100

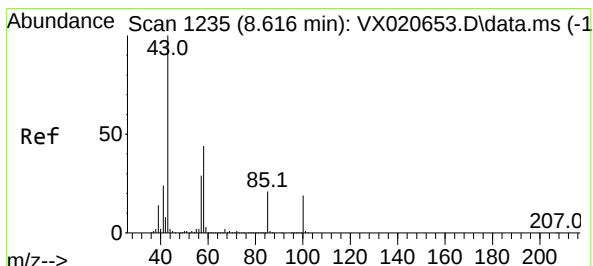
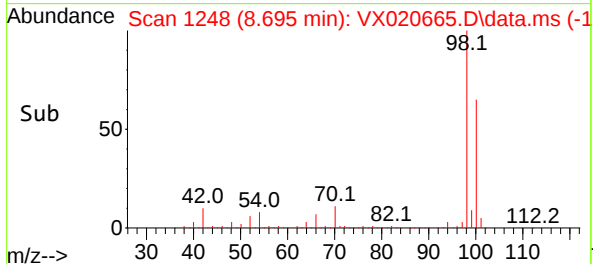
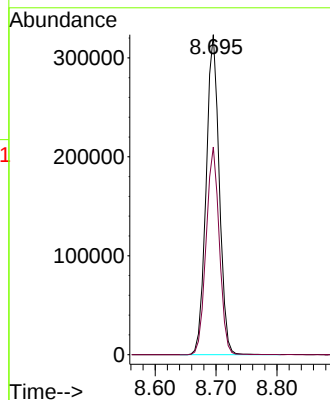
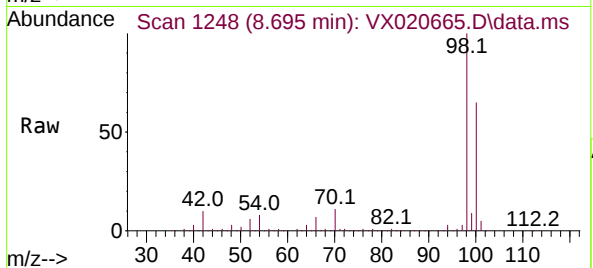
100 65.0 51.9 77.9

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK



#51

4-Methyl-2-Pentanone

Concen: 0.55 ug/l

RT: 8.695 min Scan# 1248

Delta R.T. 0.079 min

Lab File: VX020665.D

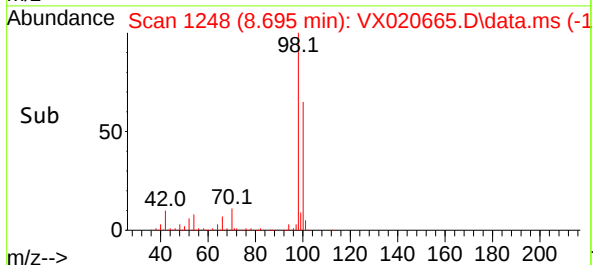
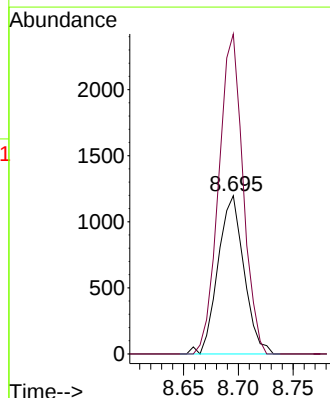
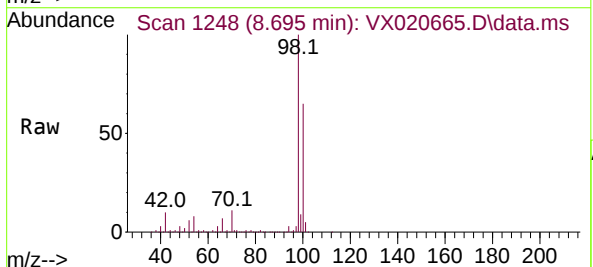
Acq: 19 Jan 2021 17:40

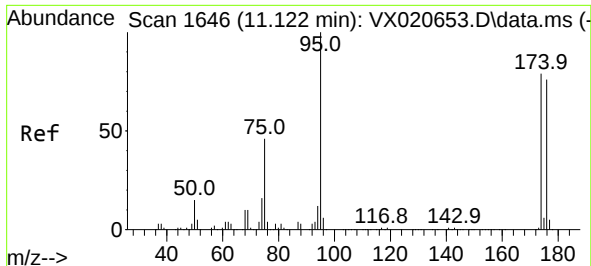
Tgt Ion: 43 Resp: 1974

Ion Ratio Lower Upper

43 100

58 189.3 35.4 53.0#

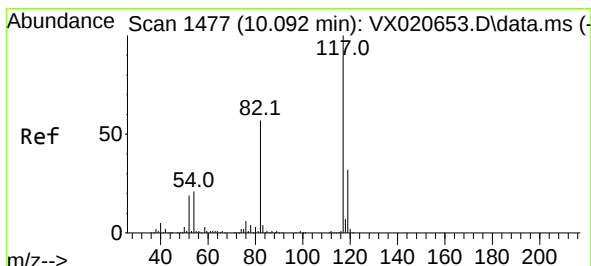
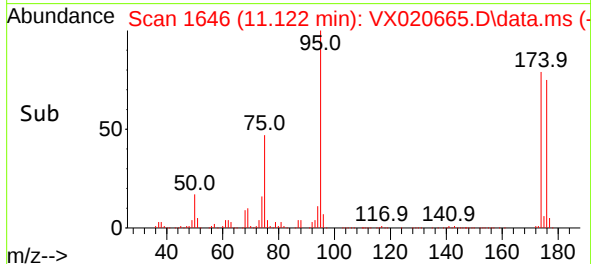
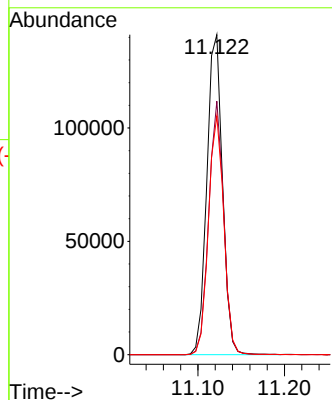
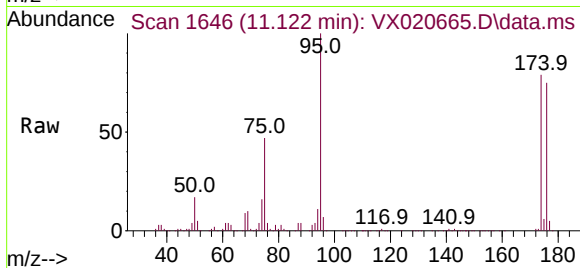




#62
4-Bromofluorobenzene
Concen: 47.41 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020665.D
Acq: 19 Jan 2021 17:40

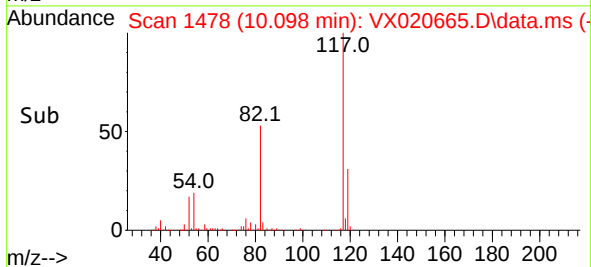
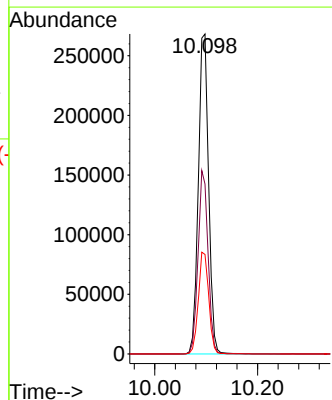
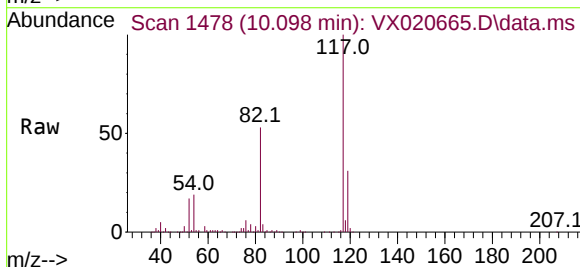
Instrument :
MSVOA_X
ClientSampleId :
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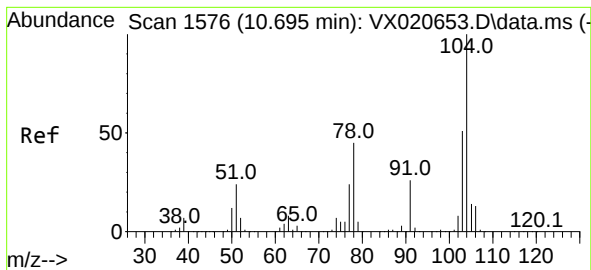
Tgt Ion: 95 Resp: 177362
Ion Ratio Lower Upper
95 100
174 75.6 0.0 154.6
176 73.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020665.D
Acq: 19 Jan 2021 17:40

Tgt Ion: 117 Resp: 372472
Ion Ratio Lower Upper
117 100
82 53.1 47.4 71.2
119 31.1 26.6 39.8





#70

Styrene

Concen: 1.43 ug/l

RT: 10.695 min Scan# 1576

Delta R.T. 0.000 min

Lab File: VX020665.D

Acq: 19 Jan 2021 17:40

Tgt Ion:104 Resp: 77

Ion Ratio Lower Upper

104 100

78 58.4 40.0 60.0

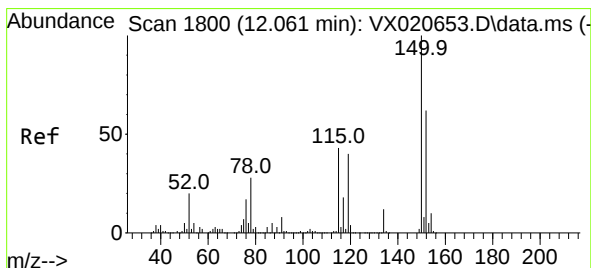
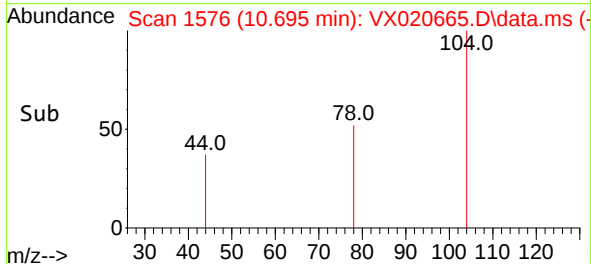
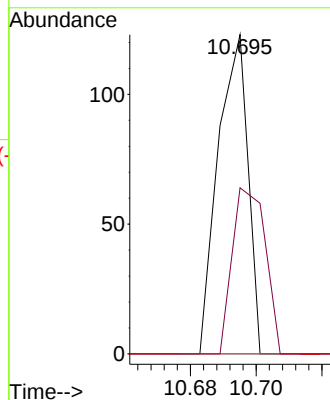
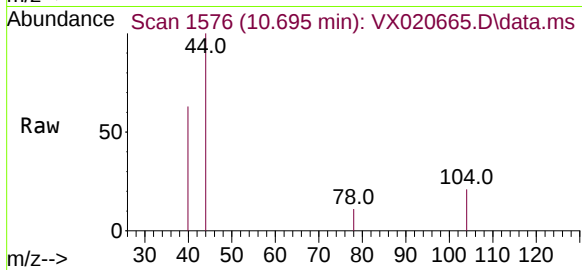
103 0.0 43.4 65.0#

Instrument :

MSVOA_X

ClientSampled :

TRIP-BLANK



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.061 min Scan# 1800

Delta R.T. -0.000 min

Lab File: VX020665.D

Acq: 19 Jan 2021 17:40

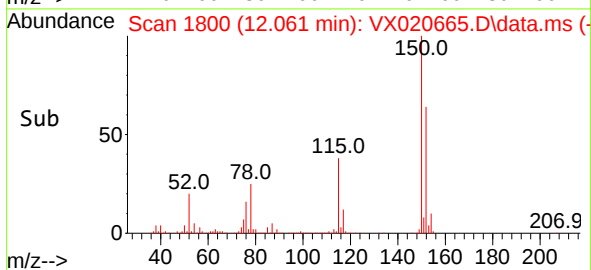
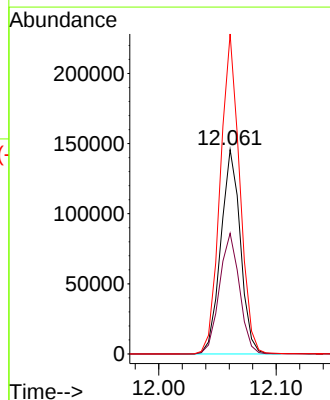
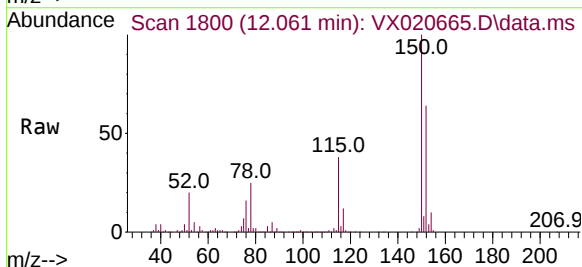
Tgt Ion:152 Resp: 168783

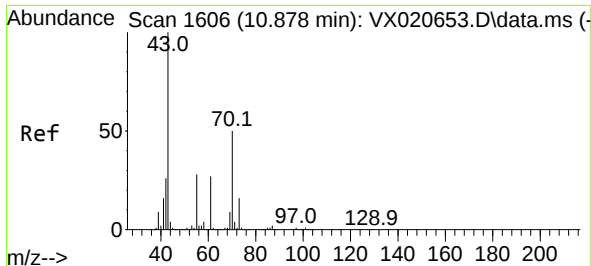
Ion Ratio Lower Upper

152 100

115 60.6 41.1 123.3

150 155.5 0.0 349.0

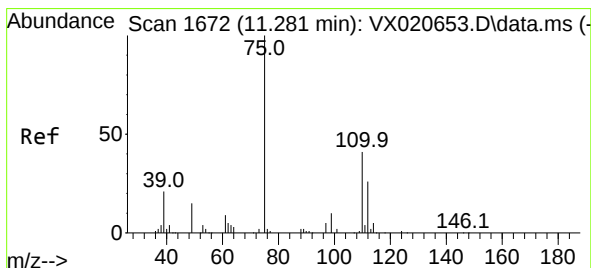
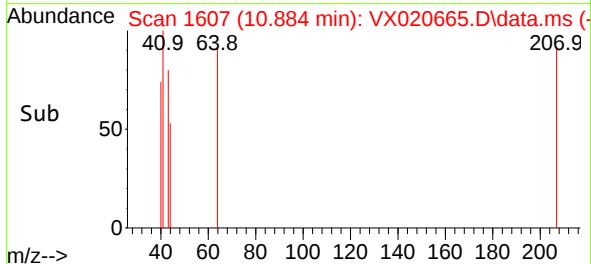
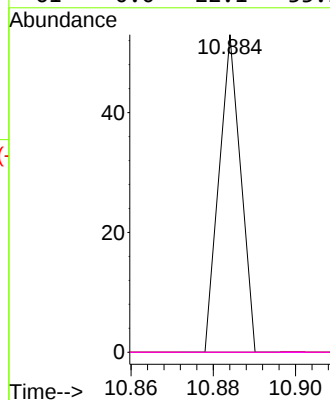
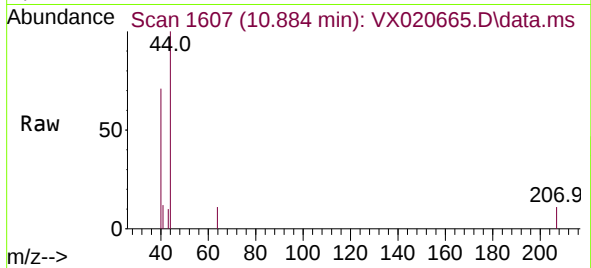




#74
N-amy1 acetate
Concen: 1.94 ug/l
RT: 10.884 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VX020665.D
Acq: 19 Jan 2021 17:40

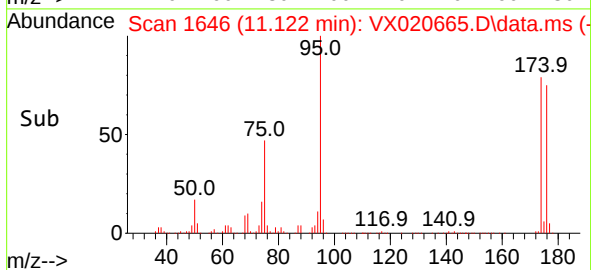
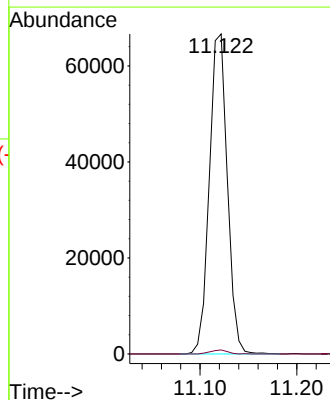
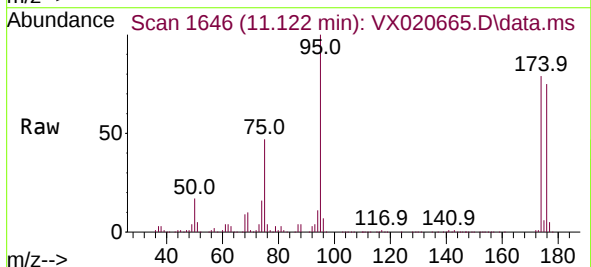
Instrument :
MSVOA_X
ClientSampleId :
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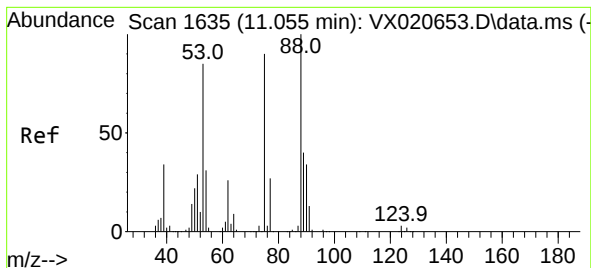
Tgt Ion: 43	Resp: 19
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 21.33 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020665.D
Acq: 19 Jan 2021 17:40

Tgt Ion: 75	Resp: 86394
Ion Ratio	Lower Upper
75 100	
77 1.2	19.1 57.5#

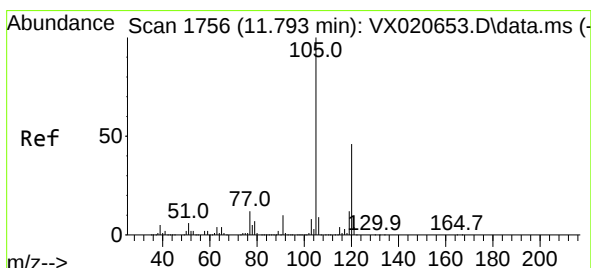
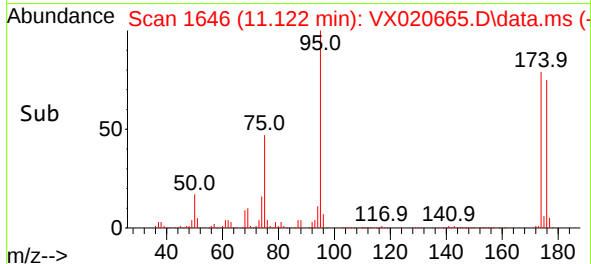
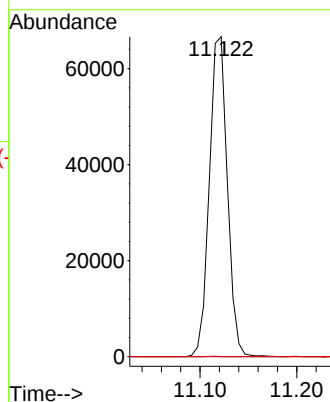
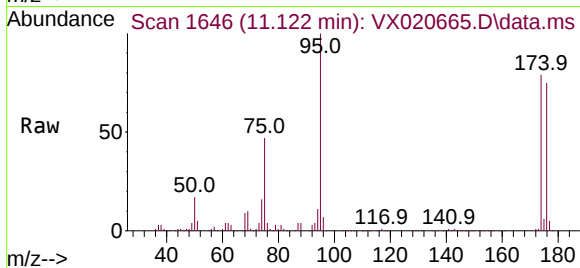




#81
trans-1,4-Dichloro-2-butene
Concen: 61.70 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020665.D
Acq: 19 Jan 2021 17:40

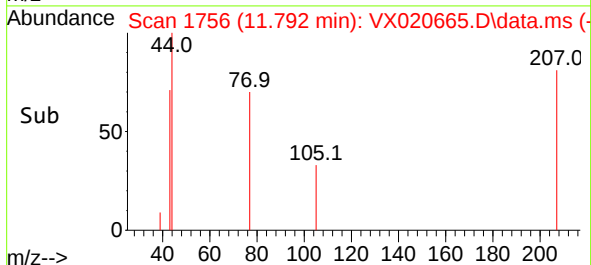
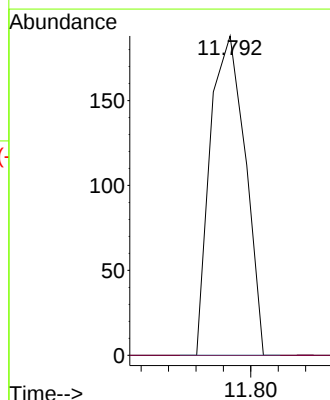
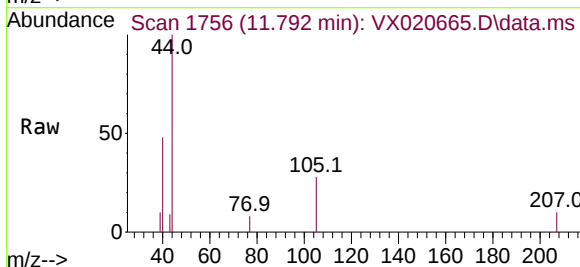
Instrument :
MSVOA_X
ClientSampleId :
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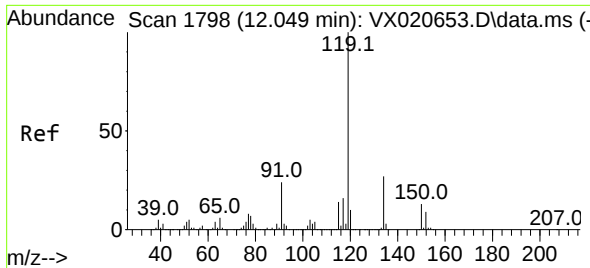
Tgt Ion: 75 Resp: 86394
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.41 ug/l
RT: 11.792 min Scan# 1756
Delta R.T. -0.001 min
Lab File: VX020665.D
Acq: 19 Jan 2021 17:40

Tgt Ion: 105 Resp: 166
Ion Ratio Lower Upper
105 100
120 0.0 22.4 67.3#

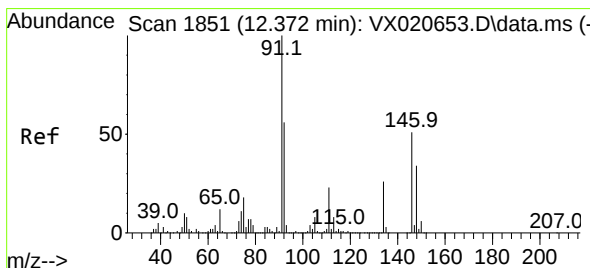
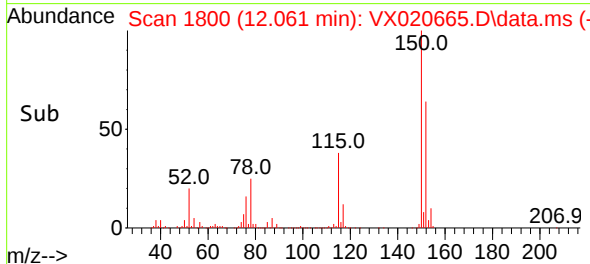
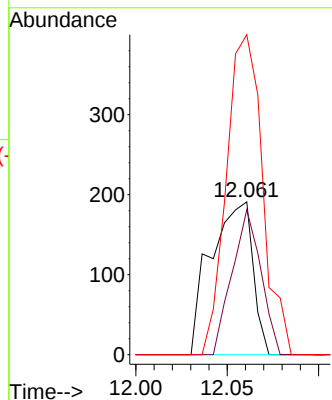
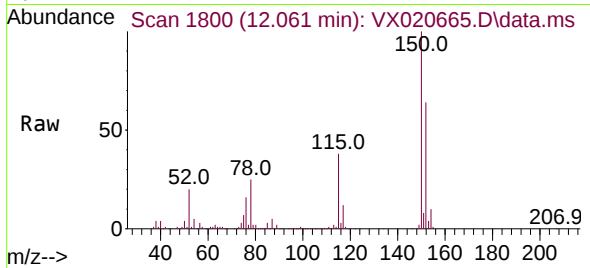




#86
p-Isopropyltoluene
Concen: 0.91 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. 0.012 min
Lab File: VX020665.D
Acq: 19 Jan 2021 17:40

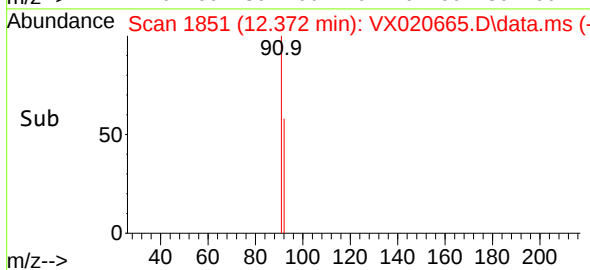
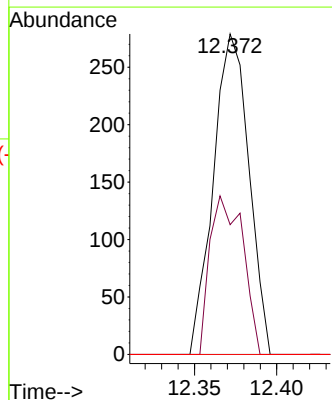
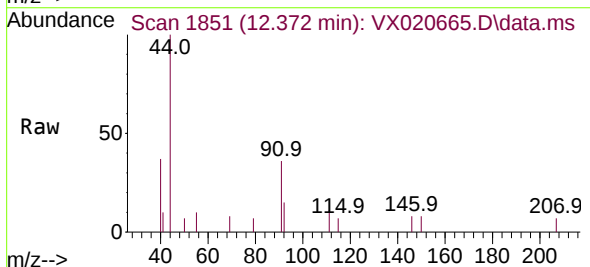
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

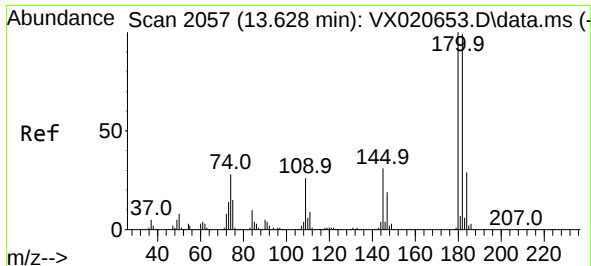
Tgt Ion:119 Resp: 306
Ion Ratio Lower Upper
119 100
134 65.0 12.9 38.7#
91 179.7 11.7 35.0#



#89
n-Butylbenzene
Concen: 1.47 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020665.D
Acq: 19 Jan 2021 17:40

Tgt Ion: 91 Resp: 420
Ion Ratio Lower Upper
91 100
92 45.7 27.4 82.0
134 0.0 13.2 39.5#

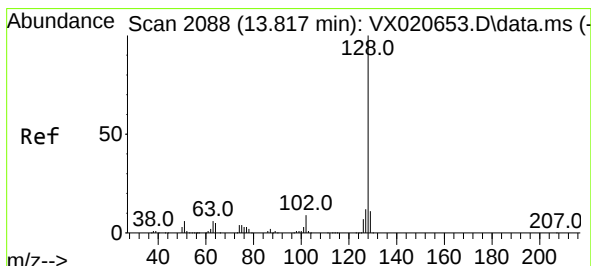
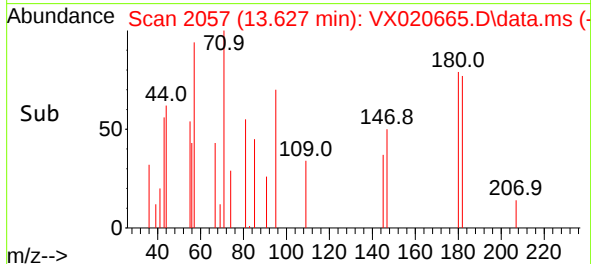
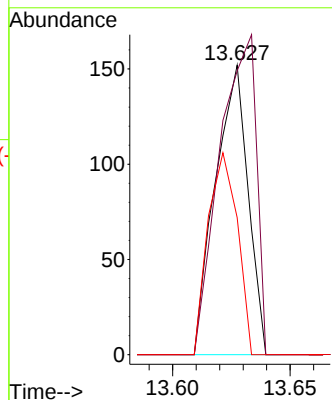
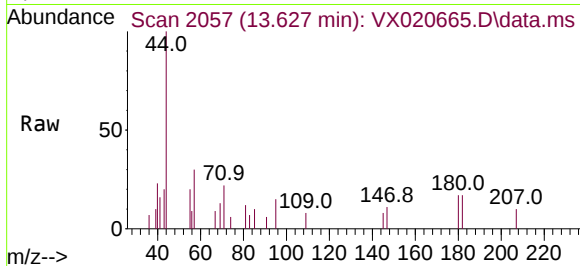




#93
1,2,4-Trichlorobenzene
Concen: 2.28 ug/l
RT: 13.627 min Scan# 2057
Delta R.T. -0.001 min
Lab File: VX020665.D
Acq: 19 Jan 2021 17:40

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion	Ratio	Lower	Upper
180	100		
182	123.8	47.7	143.1
145	62.6	15.0	45.0#



#95
Naphthalene
Concen: 2.02 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020665.D
Acq: 19 Jan 2021 17:40

Tgt Ion	Ratio	Lower	Upper
128	100		
127	5.8	10.3	15.5#
129	4.9	8.8	13.2#

