

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011921\
 Data File : VX020666.D
 Acq On : 19 Jan 2021 18:03
 Operator : JC/SP
 Sample : M1157-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VOC-BLANK

Quant Time: Jan 20 03:21:38 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	5.623	168	249220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	422933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	397469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	180092	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	167041	49.02	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.04%
35) Dibromofluoromethane	5.458	113	138403	47.50	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.00%
50) Toluene-d8	8.696	98	519137	49.41	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.82%
62) 4-Bromofluorobenzene	11.122	95	190797	48.04	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.08%

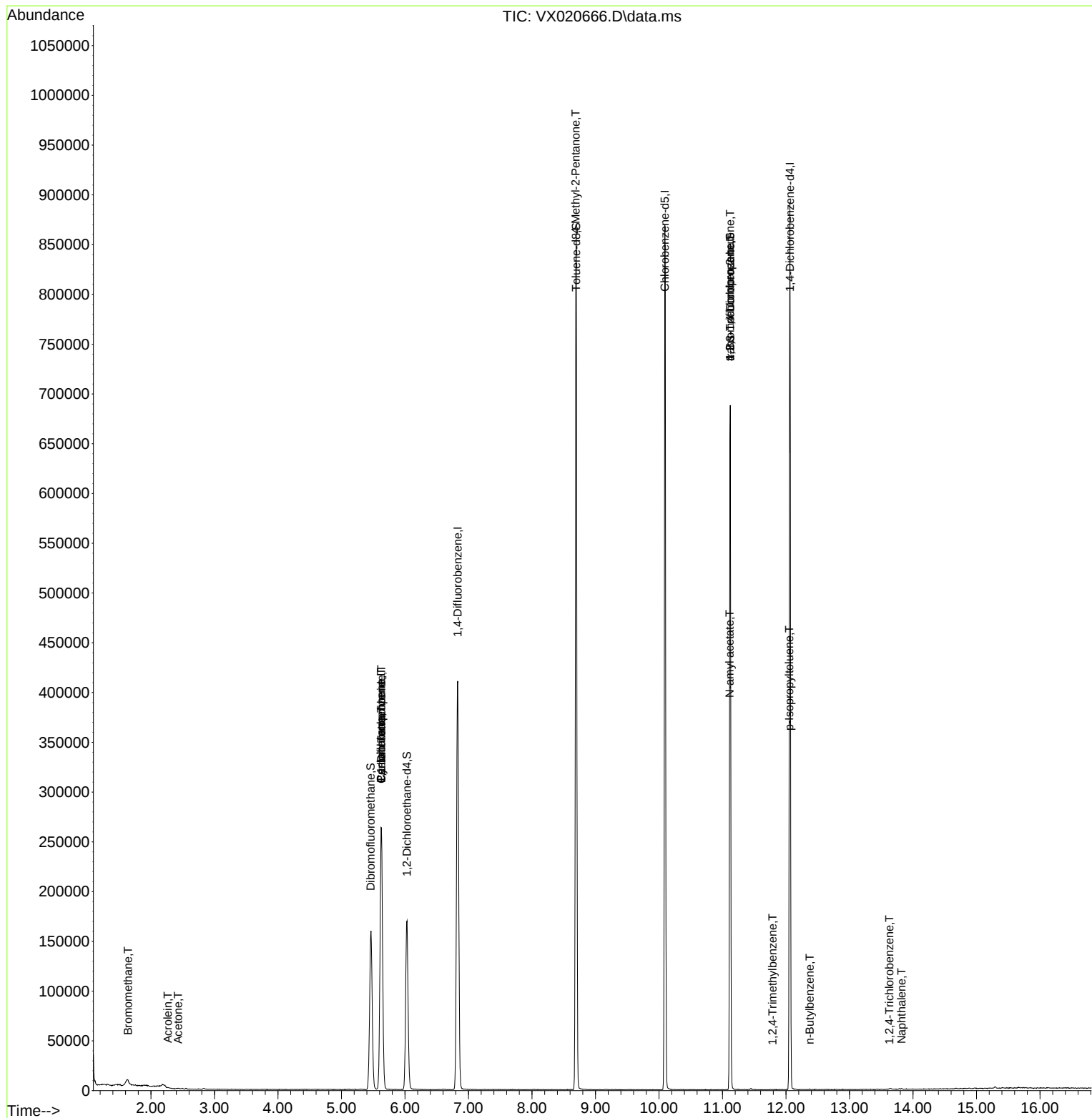
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.636	94	380	0.23	ug/l	97
6) Chloroethane	1.691	64	104	Below Cal	#	43
13) Acrolein	2.264	56	20	30.36	ug/l #	1
16) Acetone	2.428	43	888	0.67	ug/l	99
31) Cyclohexane	5.623	56	5078	1.14	ug/l #	6
36) 1,1-Dichloropropene	5.623	75	19213	4.51	ug/l #	50
38) Carbon Tetrachloride	5.629	117	24559	5.40	ug/l #	16
51) 4-Methyl-2-Pentanone	8.690	43	1987	0.52	ug/l #	1
74) N-amyl acetate	11.110	43	29	1.94	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	93555	21.65	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	93555	62.61	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.787	105	123	0.41	ug/l #	31
86) p-Isopropyltoluene	12.049	119	276	0.90	ug/l #	1
89) n-Butylbenzene	12.372	91	260	1.45	ug/l #	69
93) 1,2,4-Trichlorobenzene	13.628	180	108	2.26	ug/l #	60
95) Naphthalene	13.817	128	480	1.98	ug/l #	82

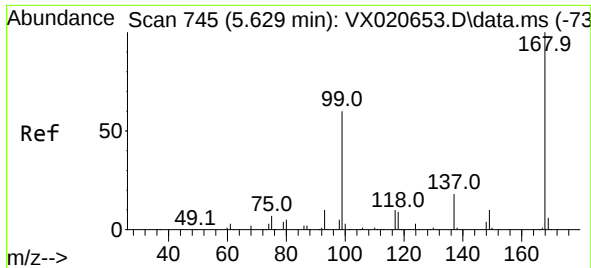
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VOC-BLANK

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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

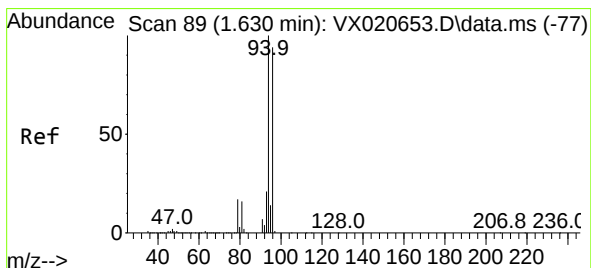
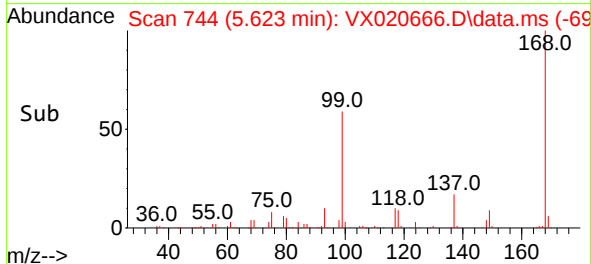
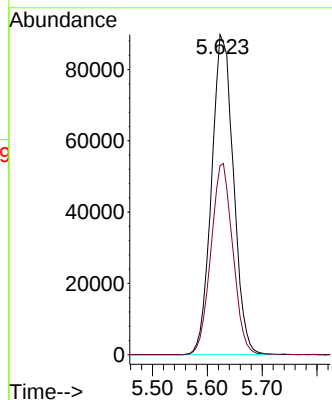
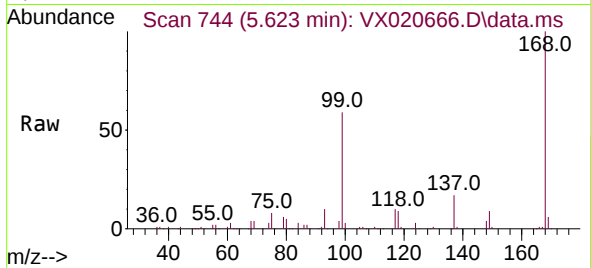




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

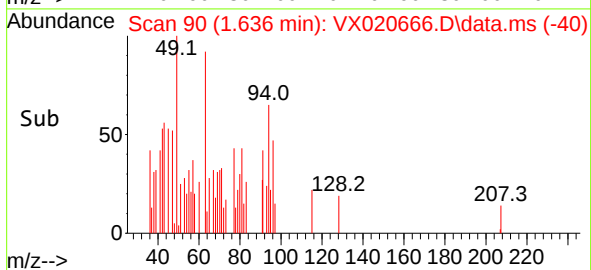
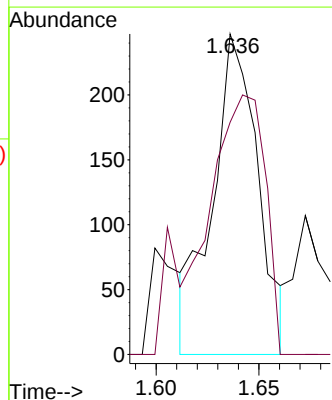
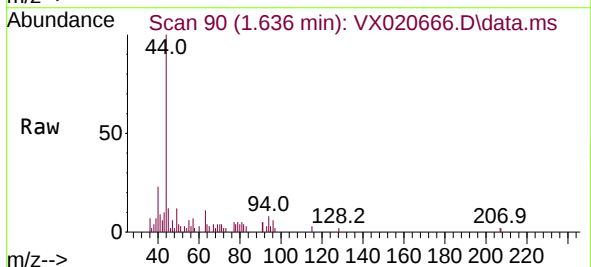
Instrument :
MSVOA_X
ClientSampled :
VOC-BLANK

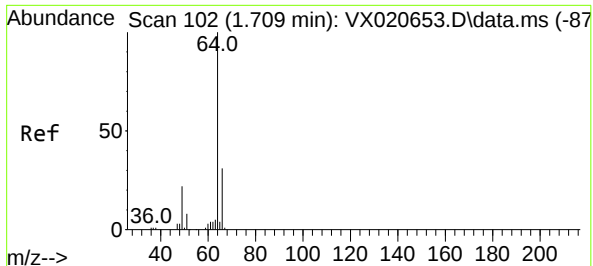
Tgt Ion:168 Resp: 249220
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.6



#5
Bromomethane
Concen: 0.23 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

Tgt Ion: 94 Resp: 380
Ion Ratio Lower Upper
94 100
96 92.3 76.4 114.6

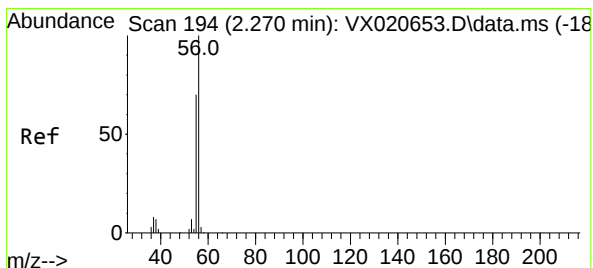
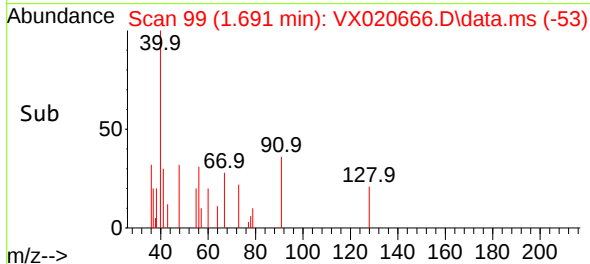
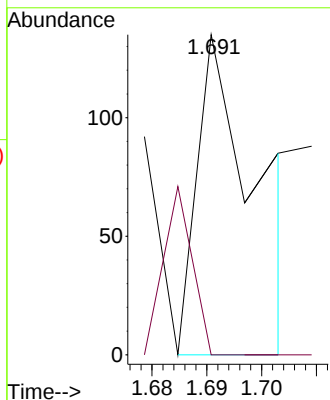
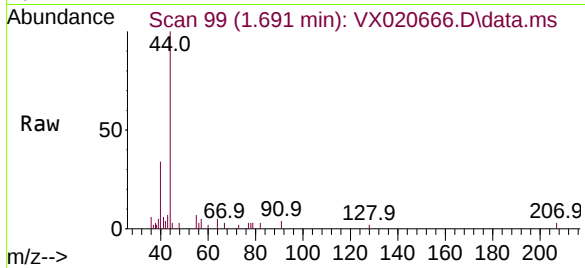




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. -0.018 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

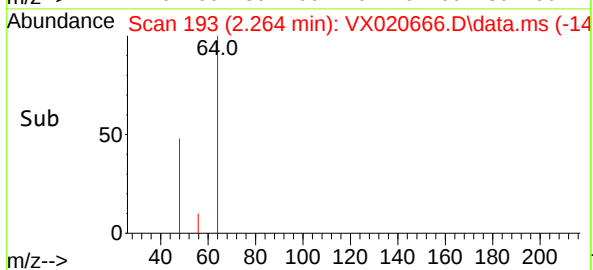
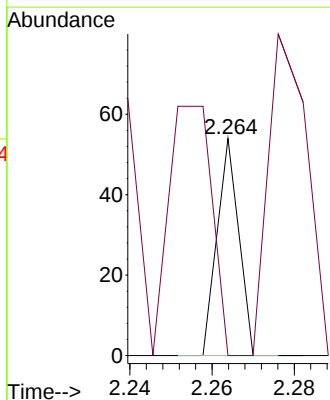
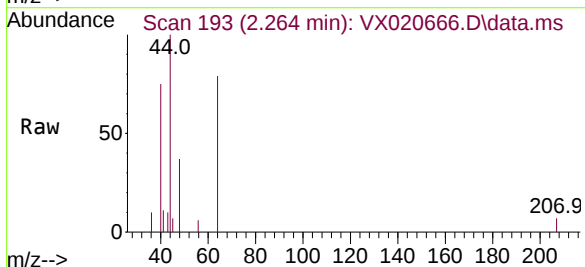
Instrument :
MSVOA_X
ClientSampled :
VOC-BLANK

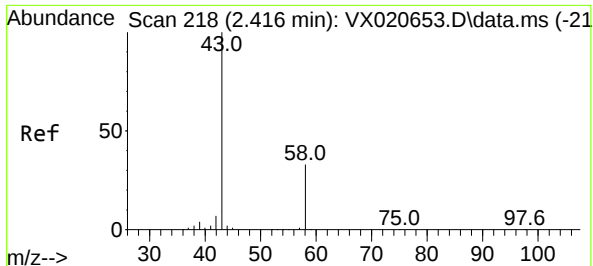
Tgt Ion: 64 Resp: 104
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#13
Acrolein
Concen: 30.36 ug/l
RT: 2.264 min Scan# 193
Delta R.T. -0.006 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 225.0 56.4 84.6#

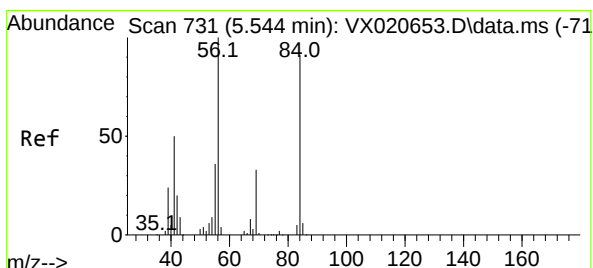
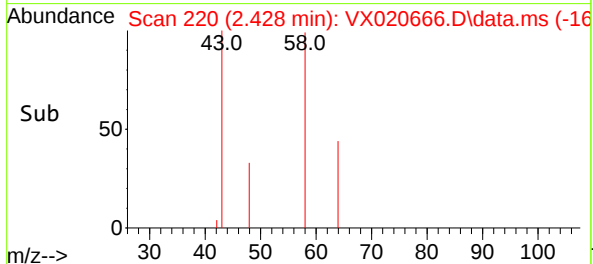
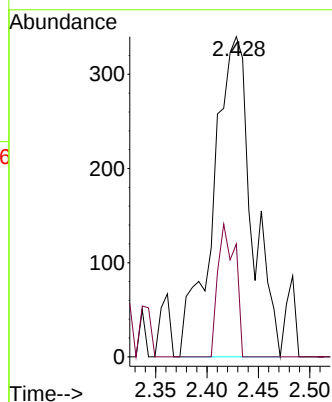
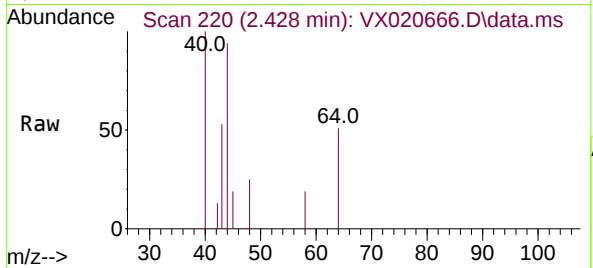




#16
Acetone
Concen: 0.67 ug/l
RT: 2.428 min Scan# 220
Delta R.T. 0.012 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

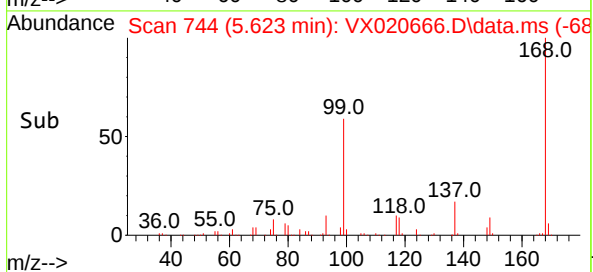
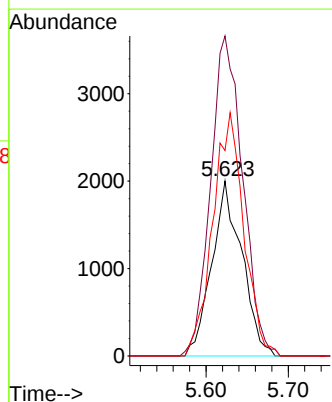
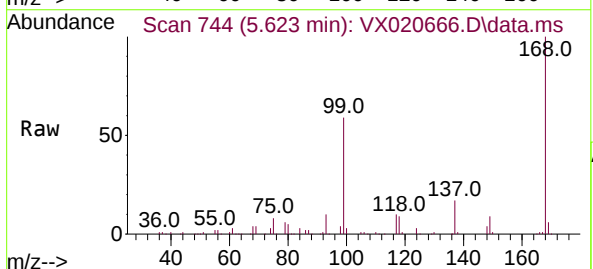
Instrument :
MSVOA_X
ClientSampled :
VOC-BLANK

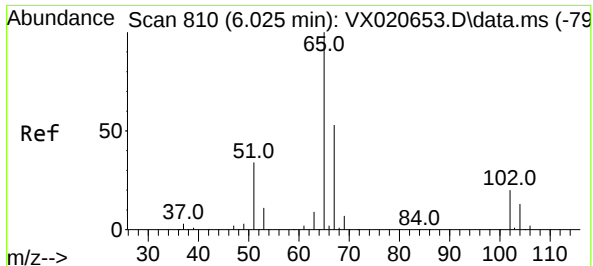
Tgt Ion: 43 Resp: 888
Ion Ratio Lower Upper
43 100
58 35.3 27.8 41.8



#31
Cyclohexane
Concen: 1.14 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

Tgt Ion: 56 Resp: 5078
Ion Ratio Lower Upper
56 100
69 183.1 25.3 37.9#
84 117.5 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.02 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

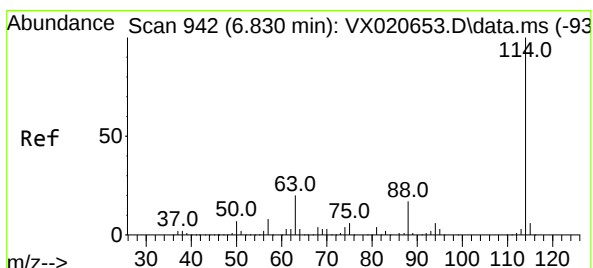
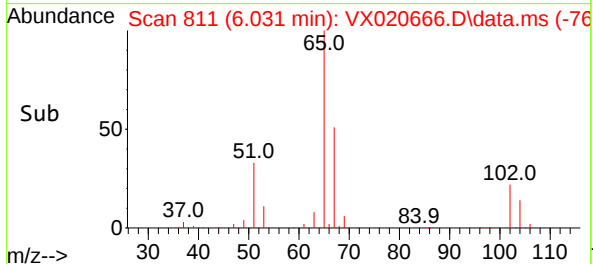
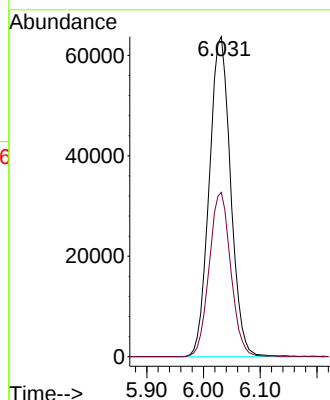
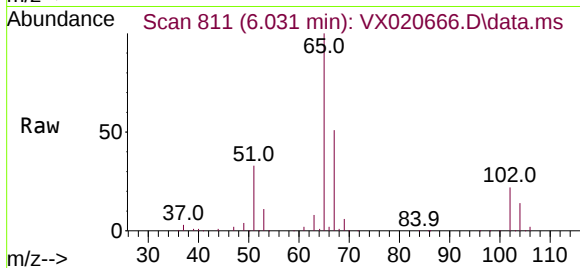
Lab File: VX020666.D

Acq: 19 Jan 2021 18:03

Tgt Ion: 65 Resp: 167041

Ion Ratio Lower Upper

65	100		
67	51.7	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

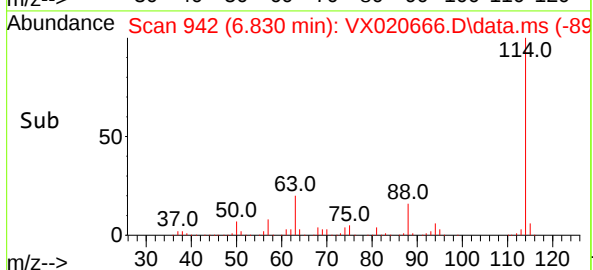
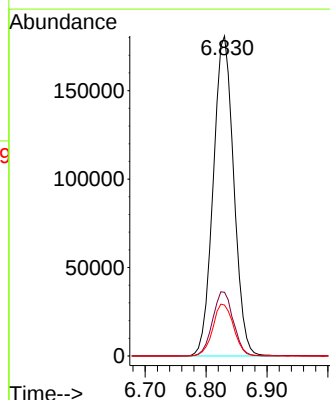
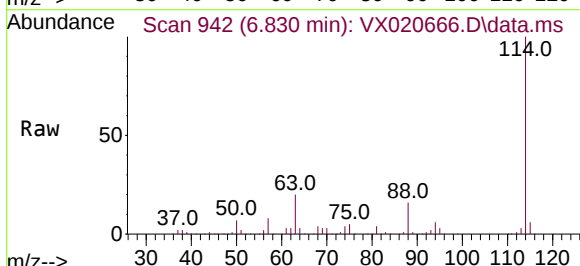
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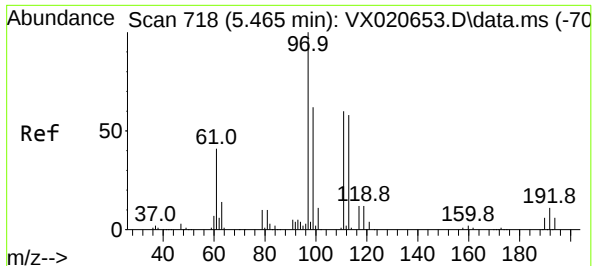
Acq: 19 Jan 2021 18:03

Tgt Ion: 114 Resp: 422933

Ion Ratio Lower Upper

114	100		
63	19.9	0.0	40.8
88	15.9	0.0	32.8

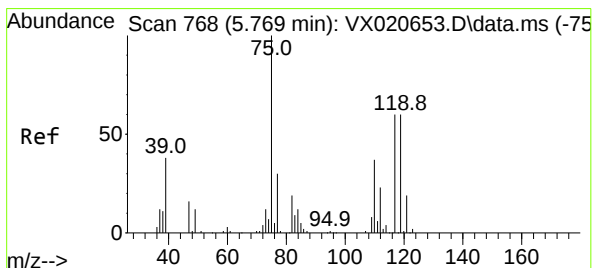
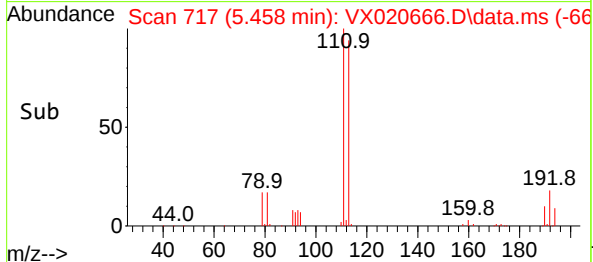
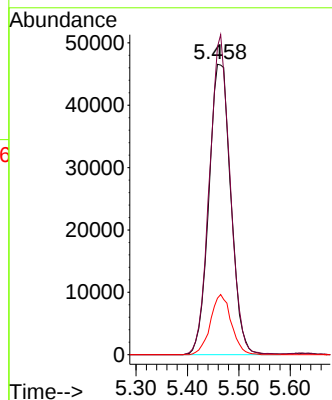
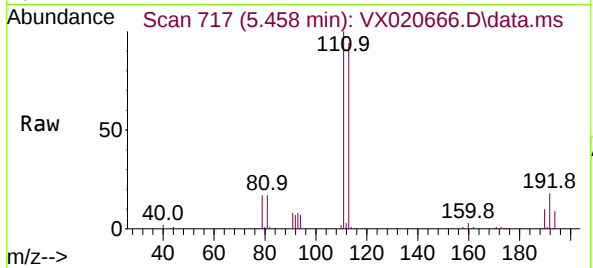




#35
Dibromofluoromethane
Concen: 47.50 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.007 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

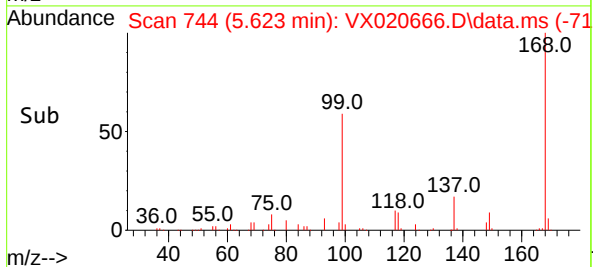
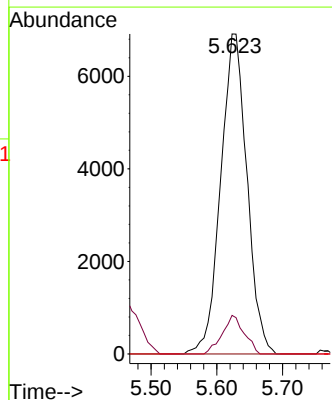
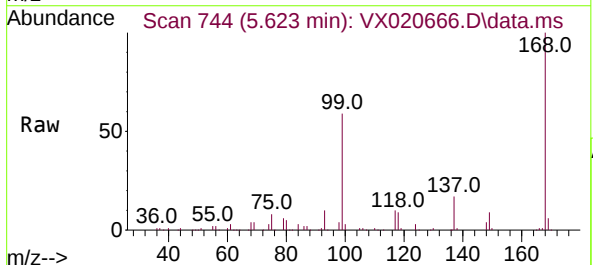
Instrument :
MSVOA_X
ClientSampleId :
VOC-BLANK

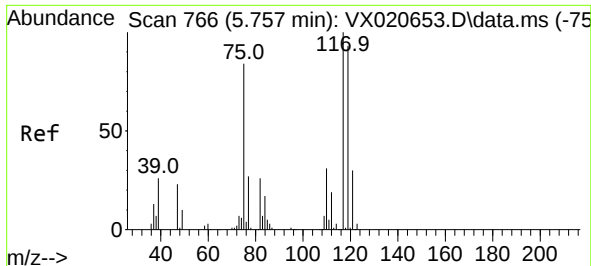
Tgt Ion:113 Resp: 138403
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 19.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

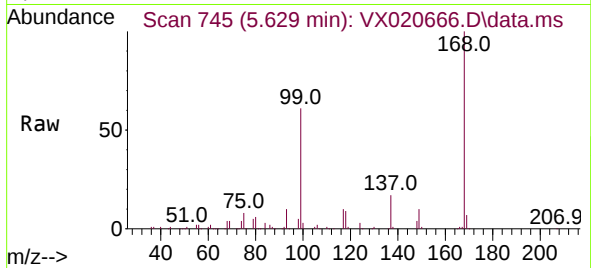
Tgt Ion: 75 Resp: 19213
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.4#
77 0.0 25.3 37.9#



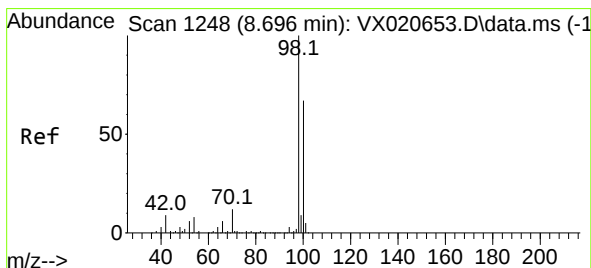
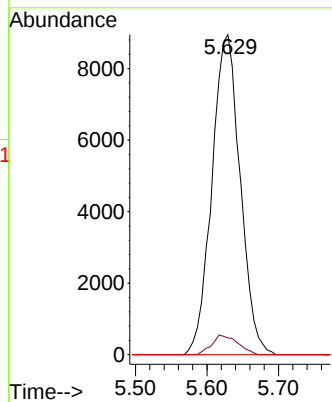
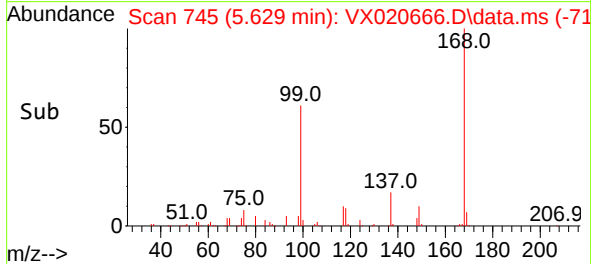


#38
Carbon Tetrachloride
Concen: 5.40 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.128 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

Instrument :
MSVOA_X
ClientSampleId :
VOC-BLANK

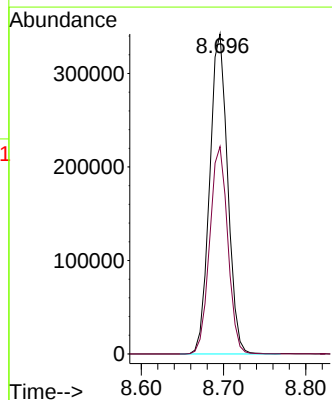
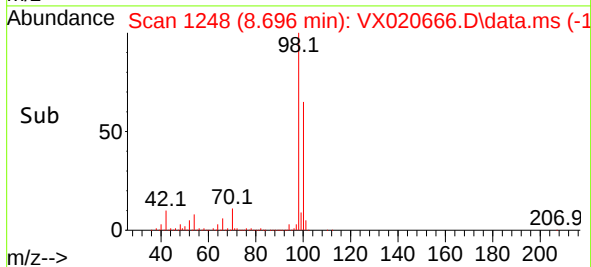
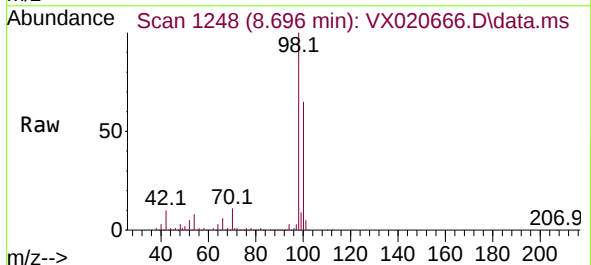


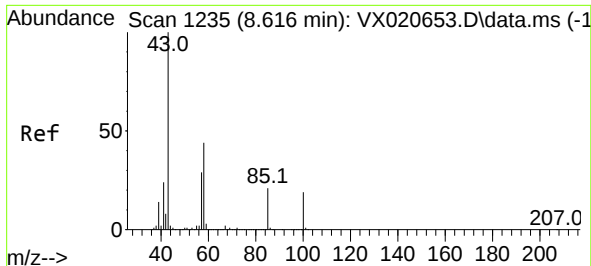
Tgt Ion:117 Resp: 24559
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.41 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

Tgt Ion: 98 Resp: 519137
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

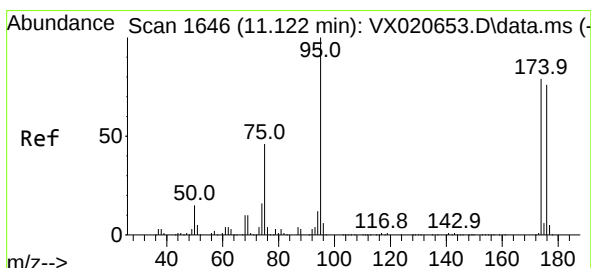
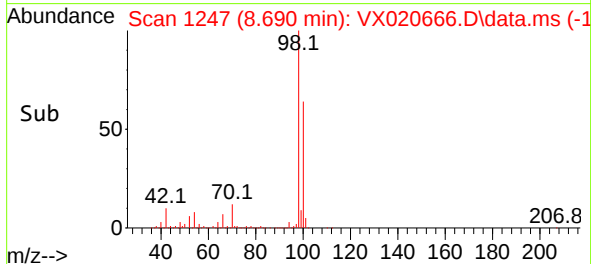
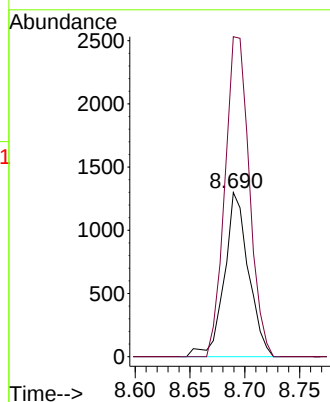
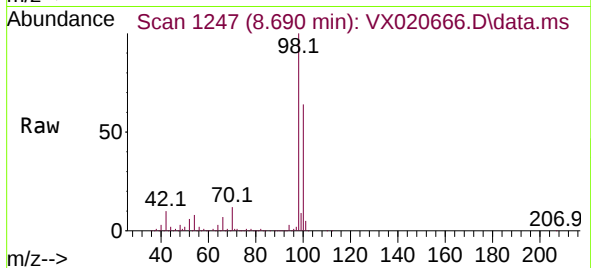




#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.690 min Scan# 1247
Delta R.T. 0.074 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

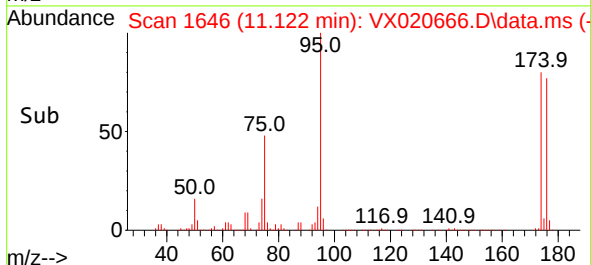
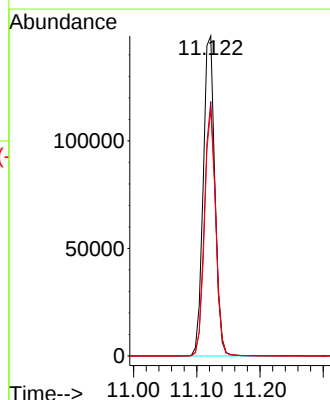
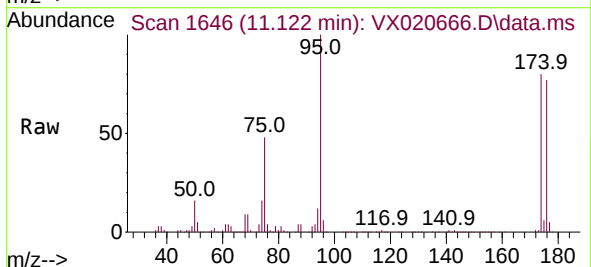
Instrument :
MSVOA_X
ClientSampled :
VOC-BLANK

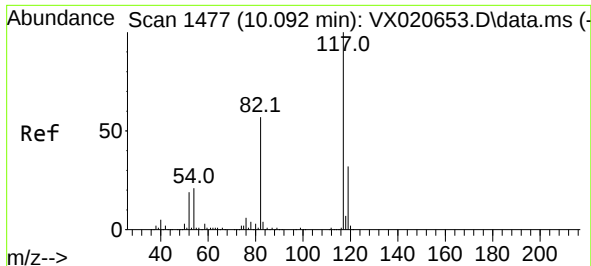
Tgt Ion: 43 Resp: 1987
Ion Ratio Lower Upper
43 100
58 197.2 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 48.04 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

Tgt Ion: 95 Resp: 190797
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 73.8 0.0 155.8

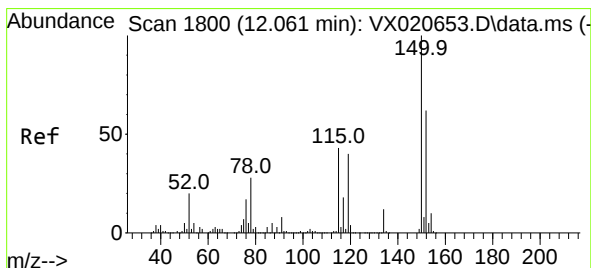
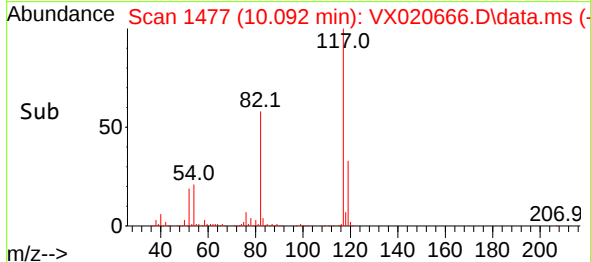
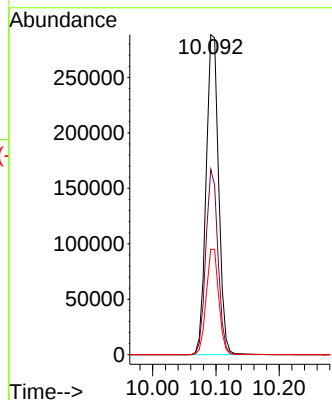
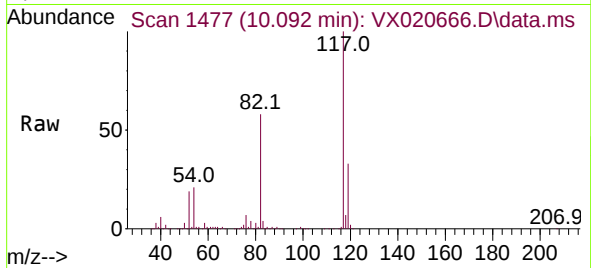




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

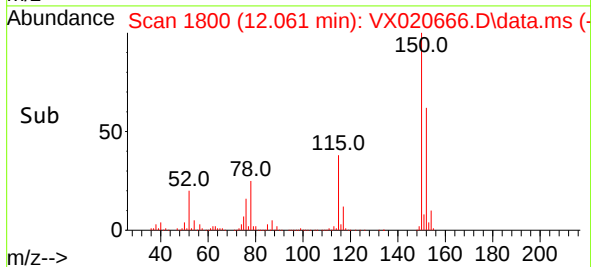
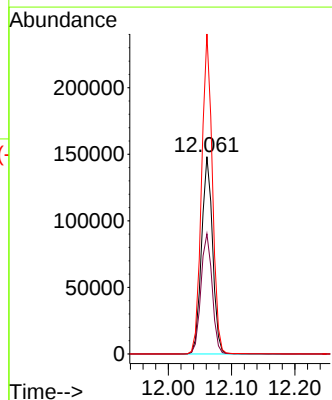
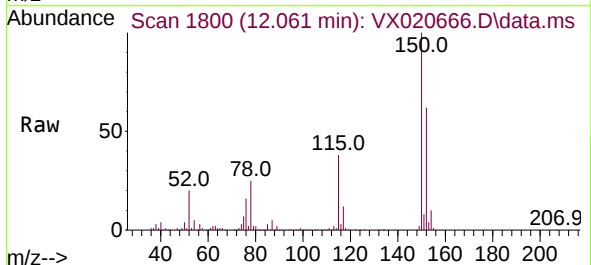
Instrument :
MSVOA_X
ClientSampleId :
VOC-BLANK

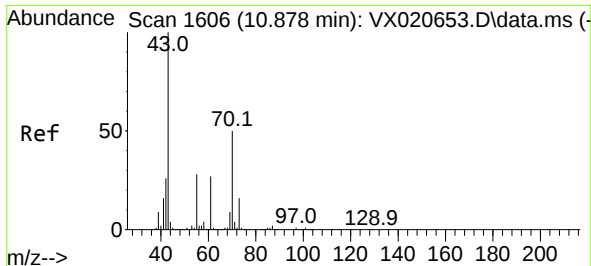
Tgt Ion:117 Resp: 397469
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 33.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

Tgt Ion:152 Resp: 180092
Ion Ratio Lower Upper
152 100
115 61.9 41.1 123.3
150 158.4 0.0 349.0

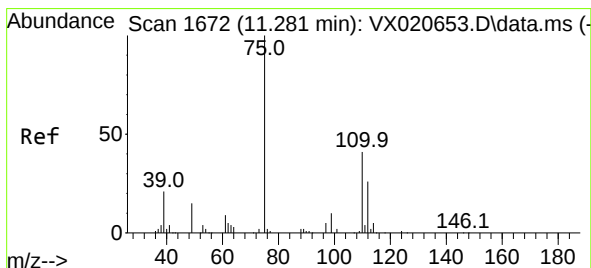
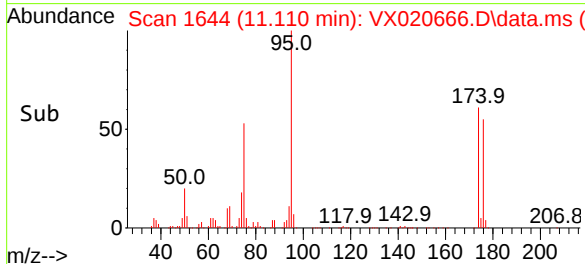
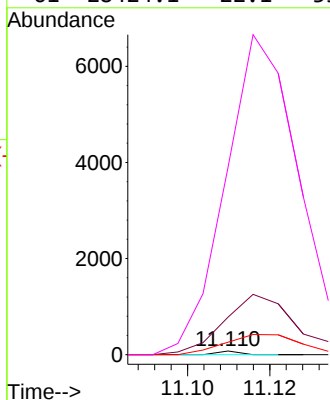
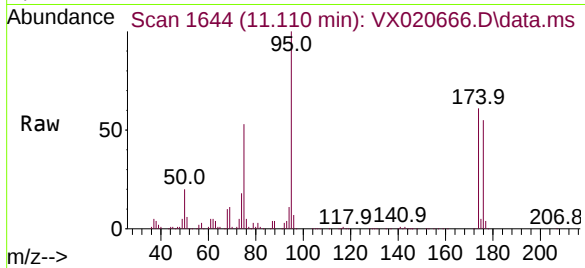




#74
N-amy1 acetate
Concen: 1.94 ug/l
RT: 11.110 min Scan# 1644
Delta R.T. 0.232 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

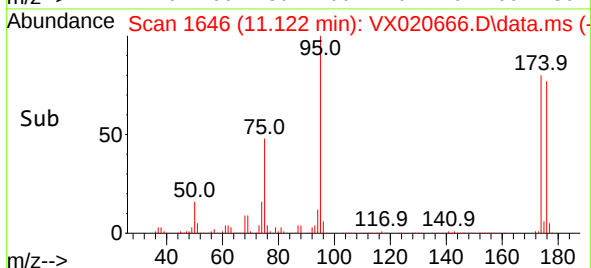
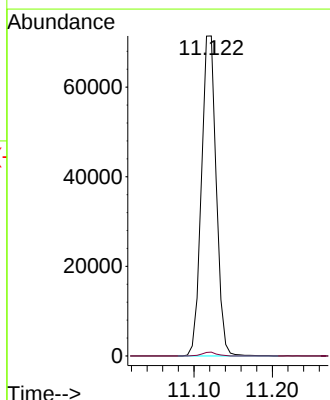
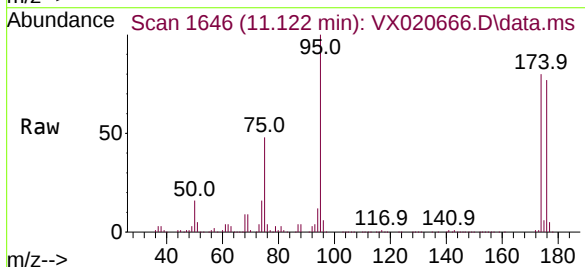
Instrument :
MSVOA_X
ClientSampleId :
VOC-BLANK

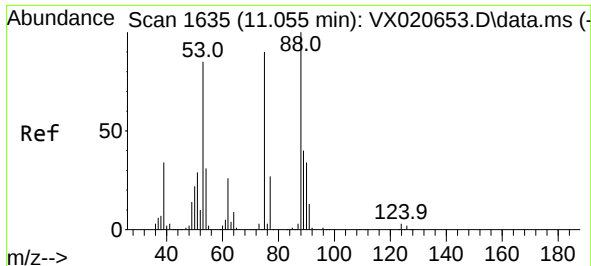
Tgt Ion: 43 Resp: 29
Ion Ratio Lower Upper
43 100
70 5255.2 39.0 58.6#
55 1865.5 21.5 32.3#
61 28424.1 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 21.65 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

Tgt Ion: 75 Resp: 93555
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

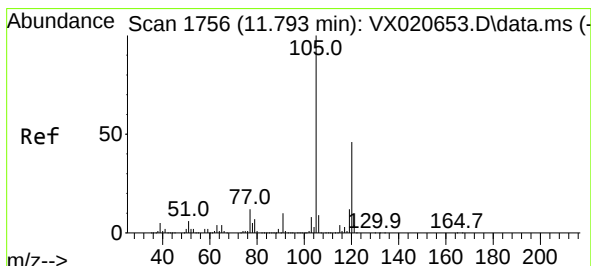
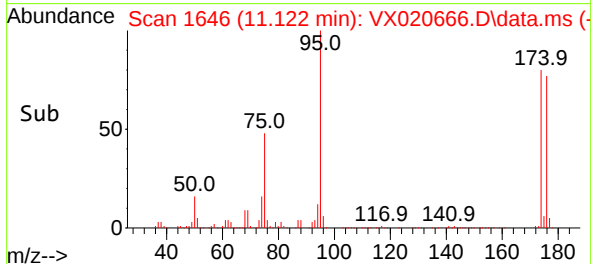
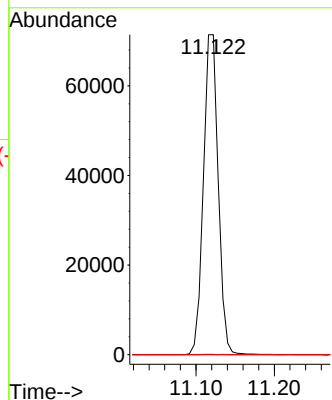
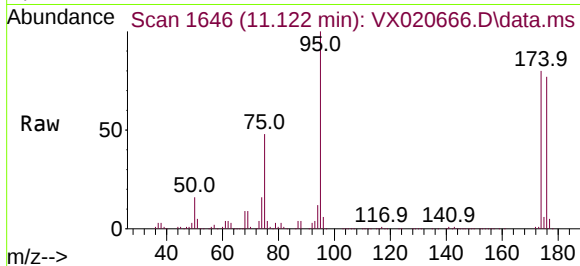




#81
trans-1,4-Dichloro-2-butene
Concen: 62.61 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

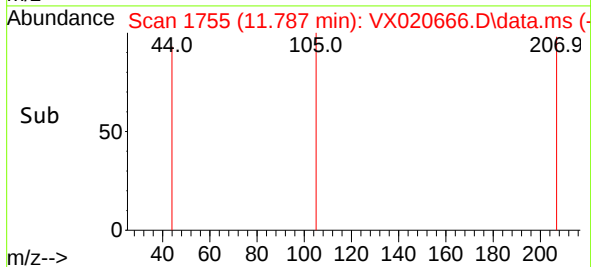
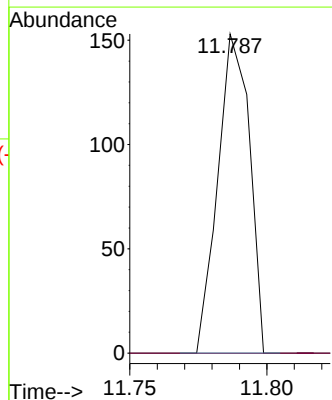
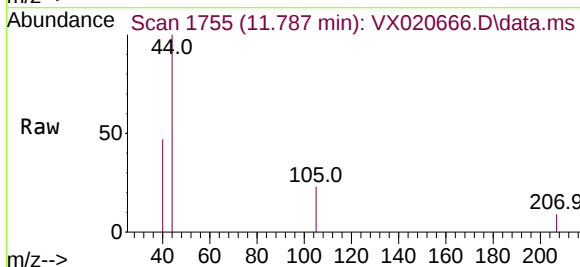
Instrument :
MSVOA_X
ClientSampleId :
VOC-BLANK

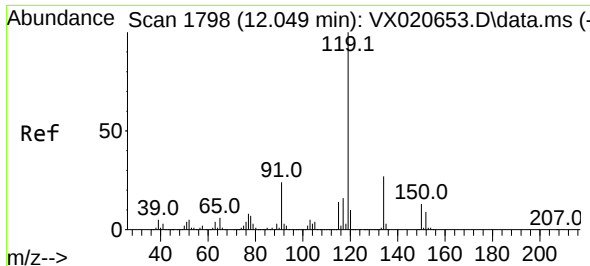
Tgt Ion: 75 Resp: 93555
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.41 ug/l
RT: 11.787 min Scan# 1755
Delta R.T. -0.006 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

Tgt Ion: 105 Resp: 123
Ion Ratio Lower Upper
105 100
120 0.0 22.4 67.3#

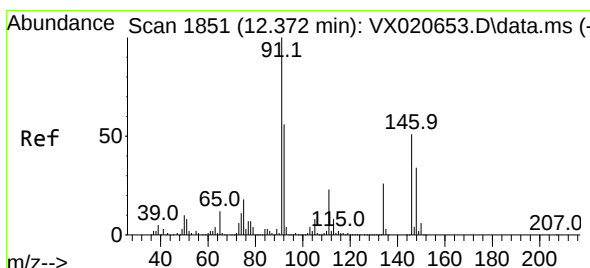
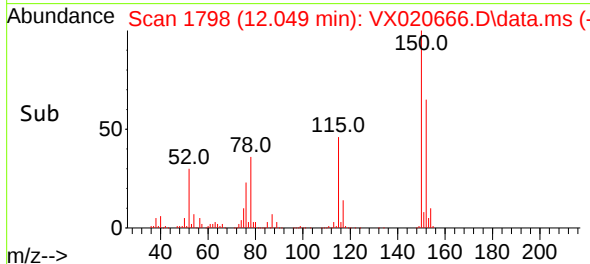
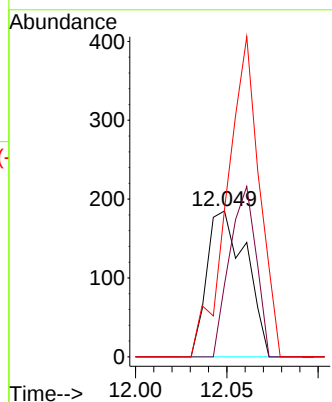
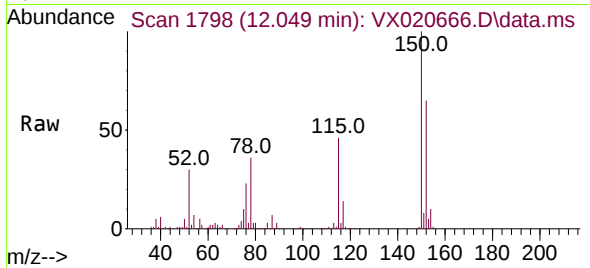




#86
p-Isopropyltoluene
Concen: 0.90 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

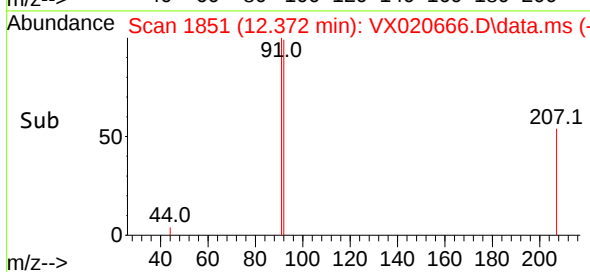
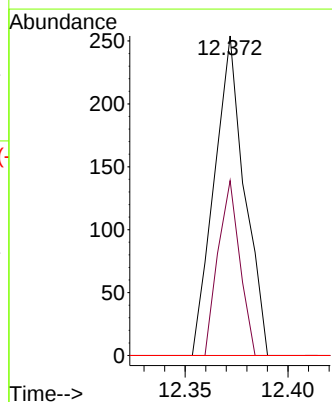
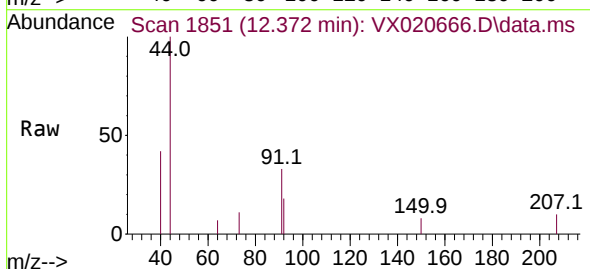
Instrument :
MSVOA_X
ClientSampled :
VOC-BLANK

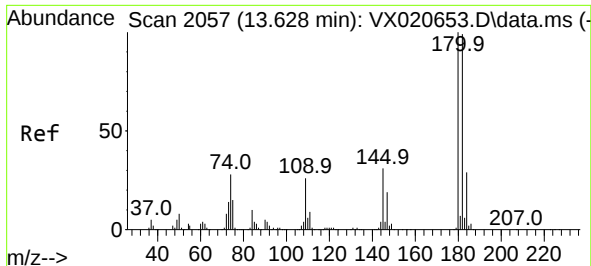
Tgt Ion:119 Resp: 276
Ion Ratio Lower Upper
119 100
134 79.0 12.9 38.7#
91 180.8 11.7 35.0#



#89
n-Butylbenzene
Concen: 1.45 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

Tgt Ion: 91 Resp: 260
Ion Ratio Lower Upper
91 100
92 39.2 27.4 82.0
134 0.0 13.2 39.5#

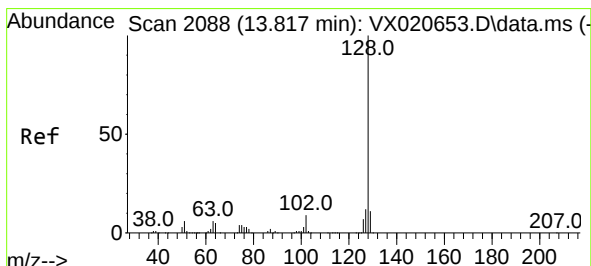
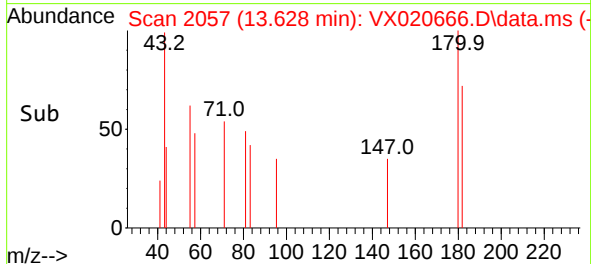
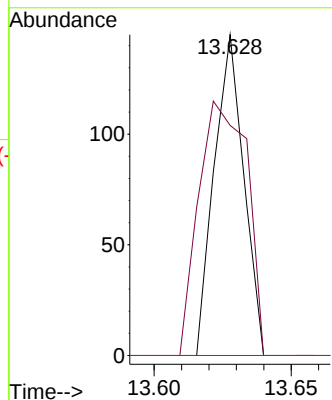
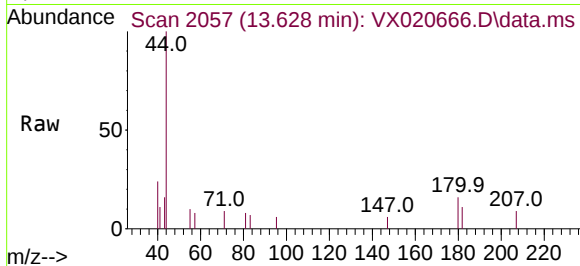




#93
1,2,4-Trichlorobenzene
Concen: 2.26 ug/l
RT: 13.628 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

Instrument :
MSVOA_X
ClientSampled :
VOC-BLANK

Tgt Ion:180 Resp: 108
Ion Ratio Lower Upper
180 100
182 129.6 47.7 143.1
145 0.0 15.0 45.0#



#95
Naphthalene
Concen: 1.98 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020666.D
Acq: 19 Jan 2021 18:03

Tgt Ion:128 Resp: 480
Ion Ratio Lower Upper
128 100
127 16.5 10.3 15.5#
129 0.0 8.8 13.2#

