

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070121\
 Data File : VN067601.D
 Acq On : 1 Jul 2021 17:08
 Operator : JC/MD
 Sample : M2861-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

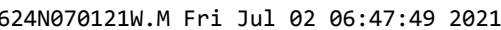
Quant Time: Jul 02 06:47:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 01 12:09:22 2021
 Response via : Initial Calibration

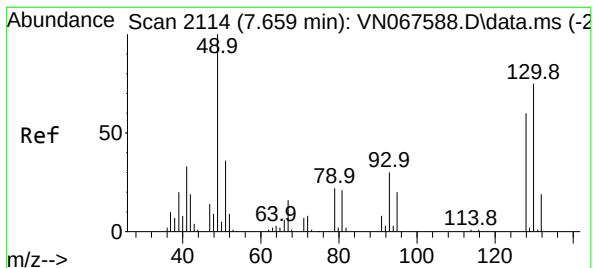
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.662	128	54908	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	316448	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	285412	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	139757	31.498	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.000%
60) 4-Bromofluorobenzene	12.733	95	120549	25.963	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.533%
63) Toluene-d8	10.446	98	407483	31.202	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.000%
Target Compounds						
					Qvalue	
3) Chloromethane	2.301	50	904	0.221	ug/l #	77
13) Acrolein	4.052	56	373	0.773	ug/l #	81
15) Acetone	4.288	58	343163	921.232	ug/l	87
25) Chloroform	7.820	83	97077	14.174	ug/l	99
30) 2-Butanone	7.343	43	761	0.336	ug/l #	80
41) Bromodichloromethane	9.764	83	27474	5.010	ug/l	97
50) 1,1,2-Trichloroethane	10.446	97	15016	3.761	ug/l #	1
51) Ethyl methacrylate	10.448	69	1368	0.217	ug/l	86
53) Dibromochloromethane	11.242	129	9224	2.144	ug/l	99
56) Bromoform	12.463	173	1136	0.379	ug/l #	76
59) 2-Hexanone	11.087	43	981	0.284	ug/l #	76
77) t-1,4-Dichloro-2-butene	12.733	75	69033	45.954	ug/l #	6

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

Quant Time: Jul 02 06:47:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 01 12:09:22 2021
Response via : Initial Calibration



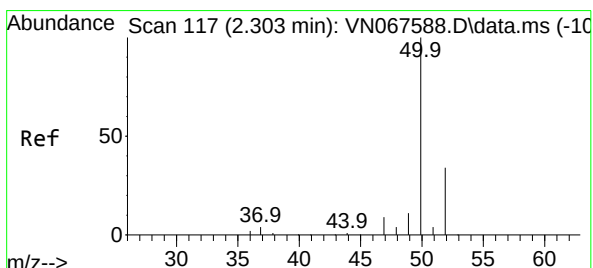
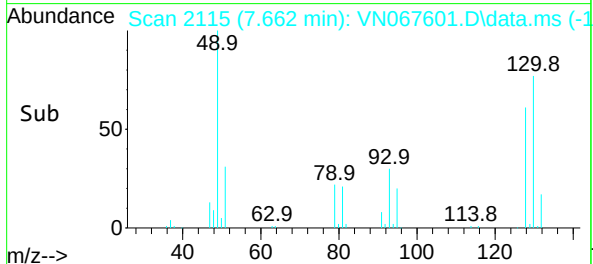
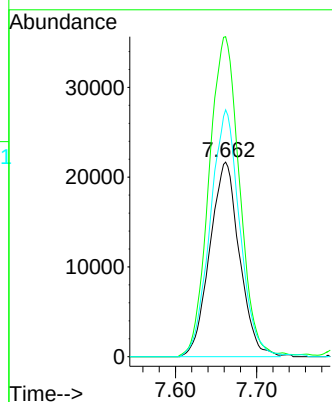
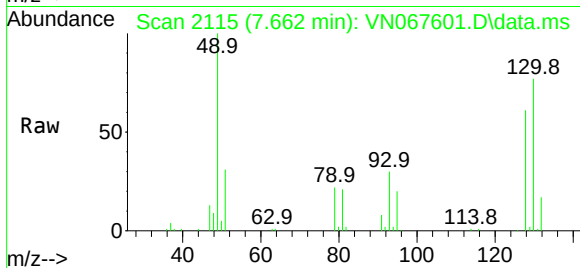


#1

Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN067601.D
Acq: 1 Jul 2021 17:08

Instrument :
MSVOA_N
ClientSampled :

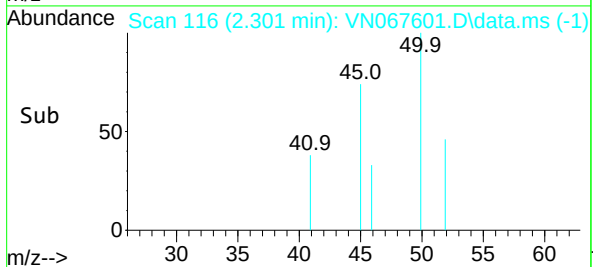
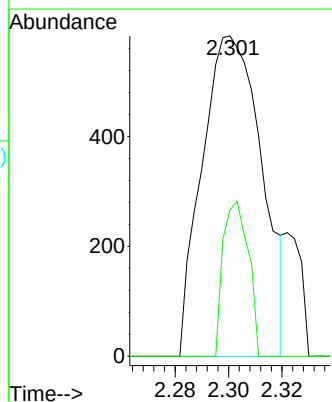
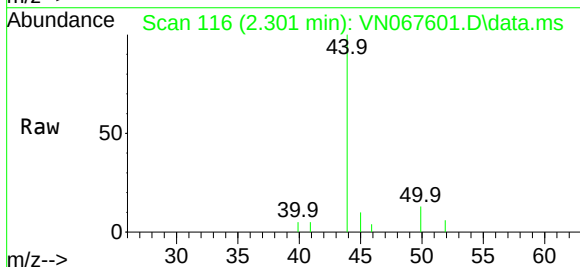
Tgt Ion:128 Resp: 54908
Ion Ratio Lower Upper
128 100
49 168.3 0.0 517.5
130 126.8 0.0 325.8

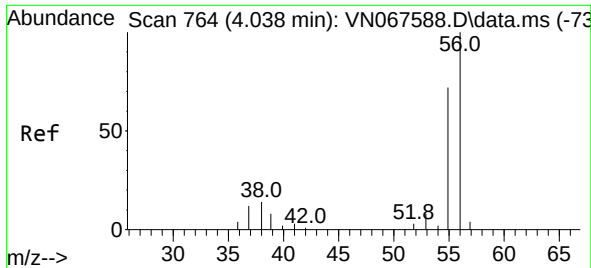


#3

Chloromethane
Concen: 0.221 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.003 min
Lab File: VN067601.D
Acq: 1 Jul 2021 17:08

Tgt Ion: 50 Resp: 904
Ion Ratio Lower Upper
50 100
52 45.6 26.0 39.0#

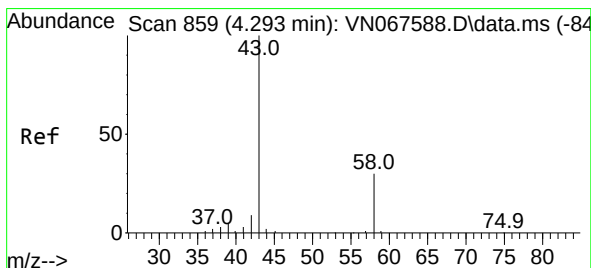
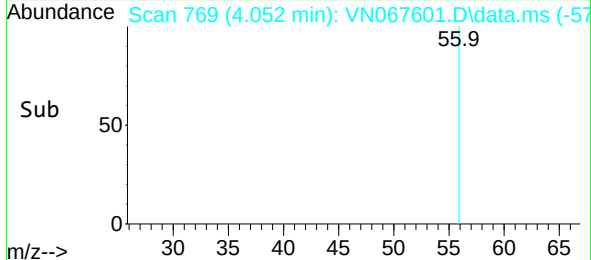
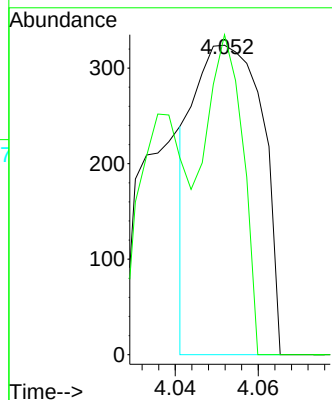
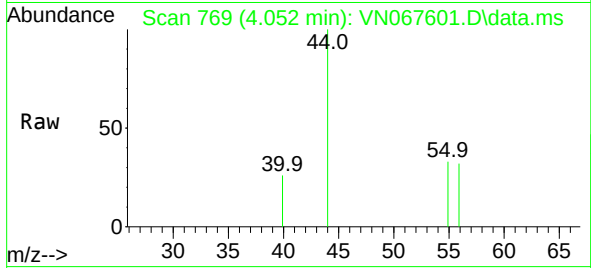




#13
Acrolein
Concen: 0.773 ug/l
RT: 4.052 min Scan# 769
Delta R.T. 0.013 min
Lab File: VN067601.D
Acq: 1 Jul 2021 17:08

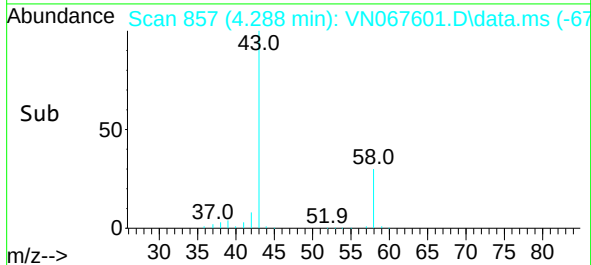
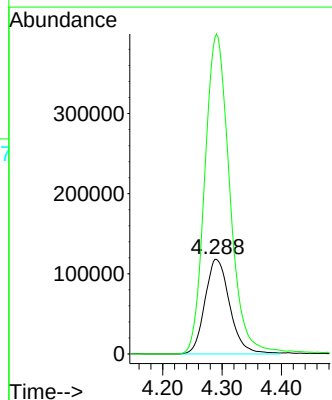
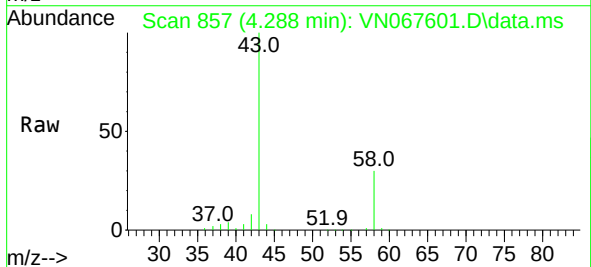
Instrument :
MSVOA_N
ClientSampled :

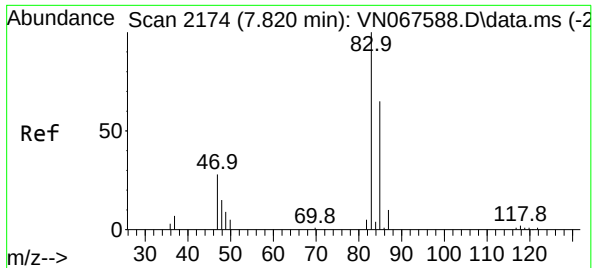
Tgt Ion: 56 Resp: 373
Ion Ratio Lower Upper
56 100
55 55.8 57.5 86.3#



#15
Acetone
Concen: 921.232 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.005 min
Lab File: VN067601.D
Acq: 1 Jul 2021 17:08

Tgt Ion: 58 Resp: 343163
Ion Ratio Lower Upper
58 100
43 333.8 289.6 434.4

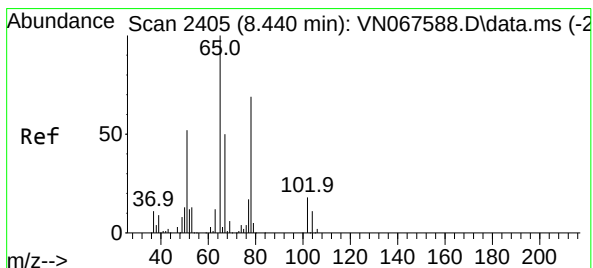
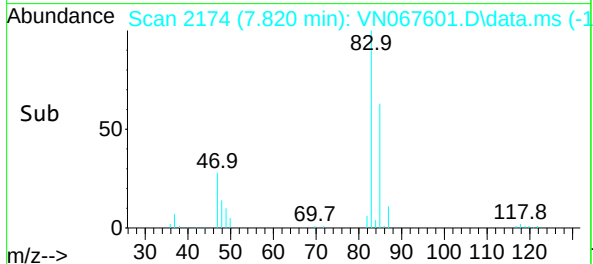
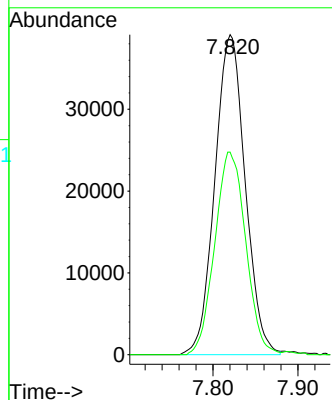
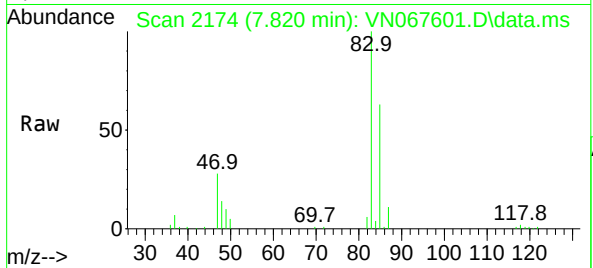




#25
Chloroform
Concen: 14.174 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN067601.D
Acq: 1 Jul 2021 17:08

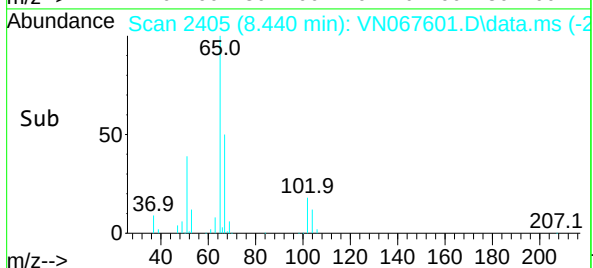
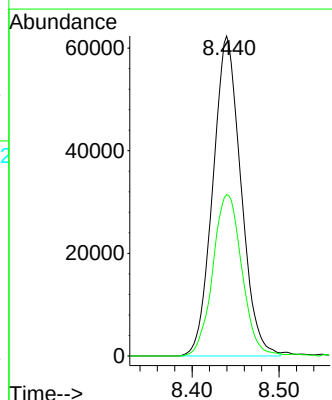
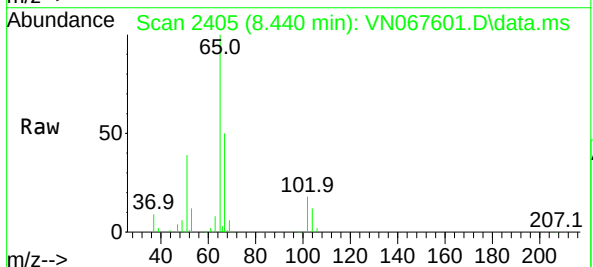
Instrument :
MSVOA_N
ClientSampled :

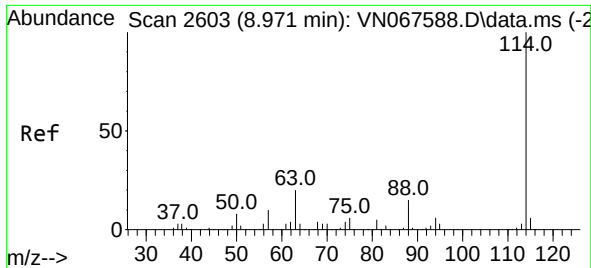
Tgt Ion: 83 Resp: 97077
Ion Ratio Lower Upper
83 100
85 63.3 51.5 77.3



#27
1,2-Dichloroethane-d4
Concen: 31.498 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067601.D
Acq: 1 Jul 2021 17:08

Tgt Ion: 65 Resp: 139757
Ion Ratio Lower Upper
65 100
67 52.2 39.8 59.8

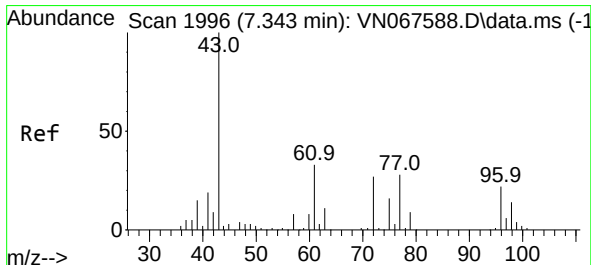
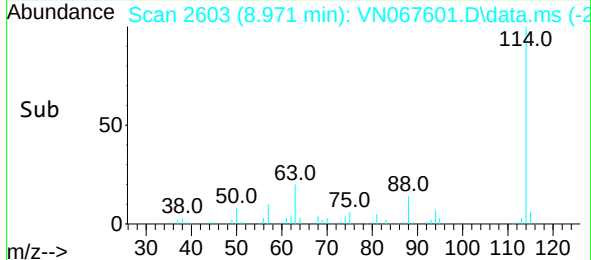
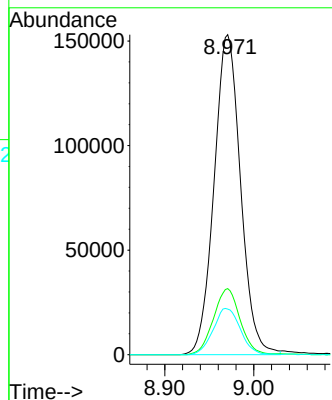
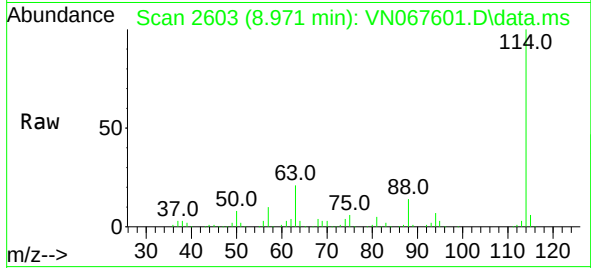




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067601.D
Acq: 1 Jul 2021 17:08

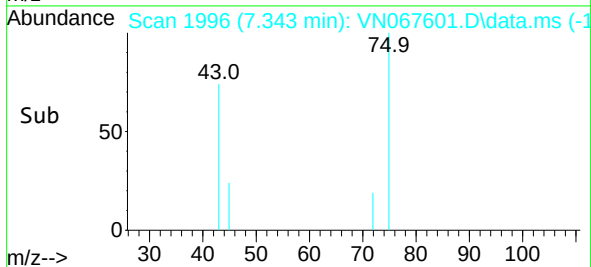
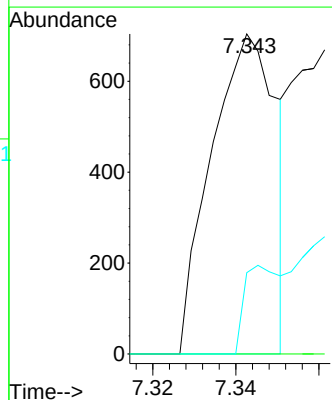
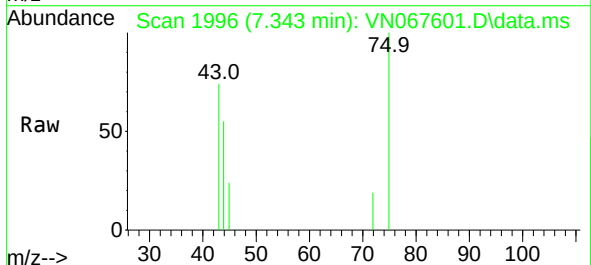
Instrument :
MSVOA_N
ClientSampled :

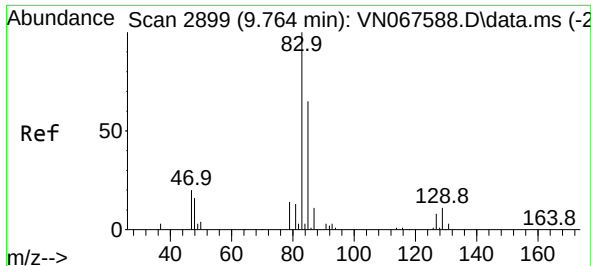
Tgt Ion:114 Resp: 316448
Ion Ratio Lower Upper
114 100
63 20.7 20.3 30.5
88 14.9 14.6 22.0



#30
2-Butanone
Concen: 0.336 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN067601.D
Acq: 1 Jul 2021 17:08

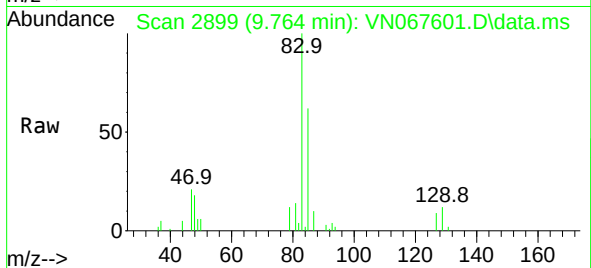
Tgt Ion: 43 Resp: 761
Ion Ratio Lower Upper
43 100
57 0.0 6.9 10.3#
72 15.4 20.0 30.0#



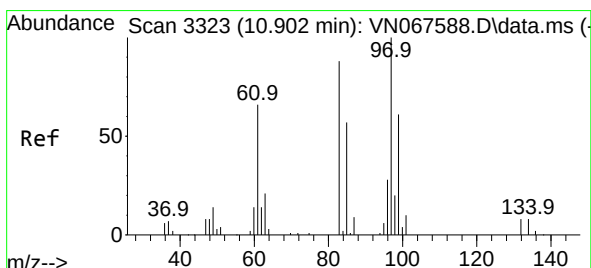
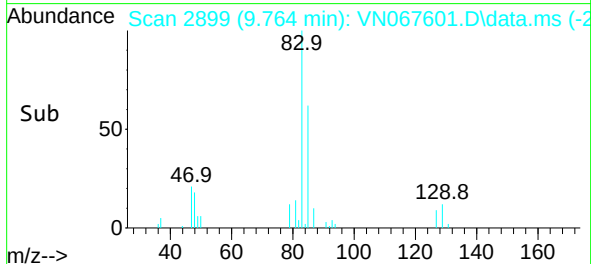
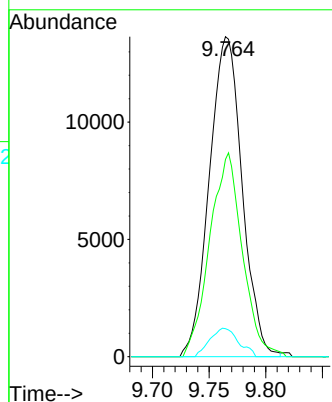


#41
Bromodichloromethane
Concen: 5.010 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN067601.D
Acq: 1 Jul 2021 17:08

Instrument :
MSVOA_N
ClientSampled :

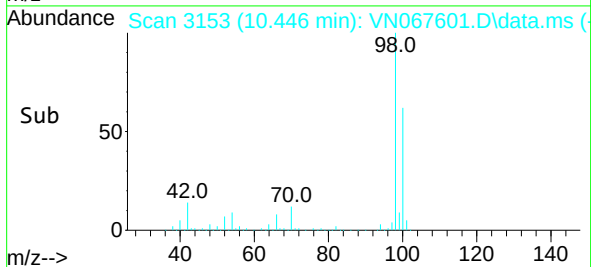
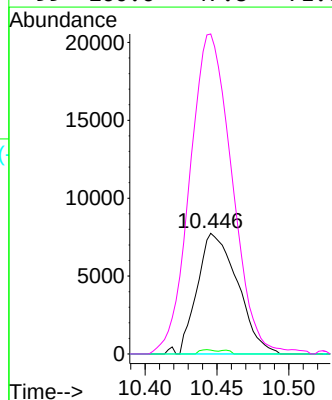
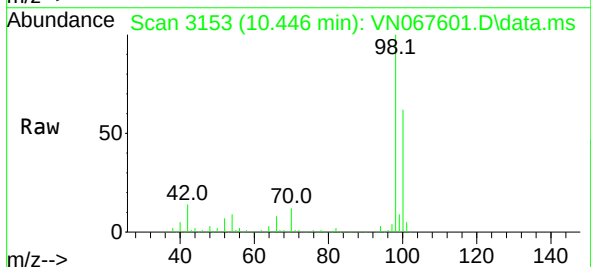


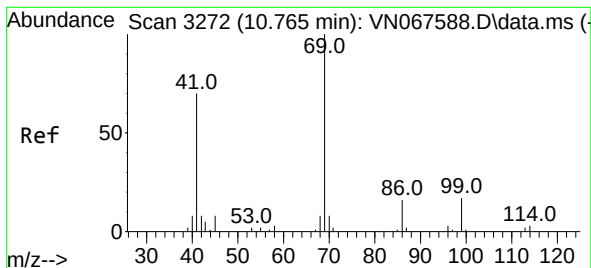
Tgt Ion: 83 Resp: 27474
Ion Ratio Lower Upper
83 100
85 61.7 51.2 76.8
127 8.8 6.6 9.8



#50
1,1,2-Trichloroethane
Concen: 3.761 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. -0.456 min
Lab File: VN067601.D
Acq: 1 Jul 2021 17:08

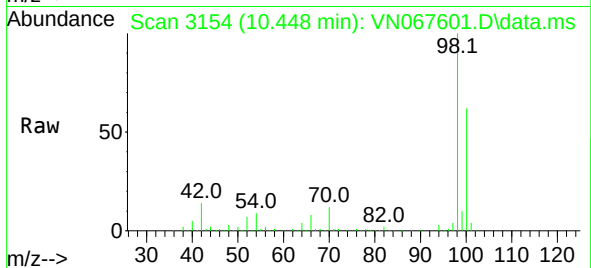
Tgt Ion: 97 Resp: 15016
Ion Ratio Lower Upper
97 100
83 3.1 69.6 104.4#
85 0.0 45.2 67.8#
99 260.6 47.8 71.6#





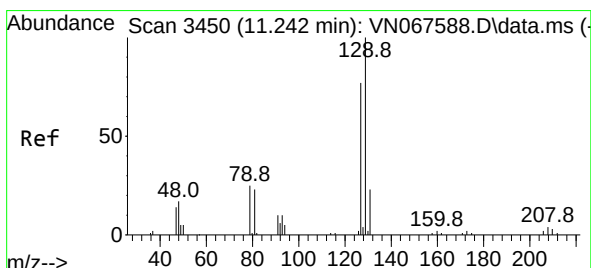
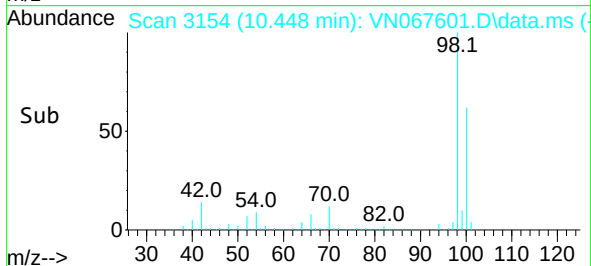
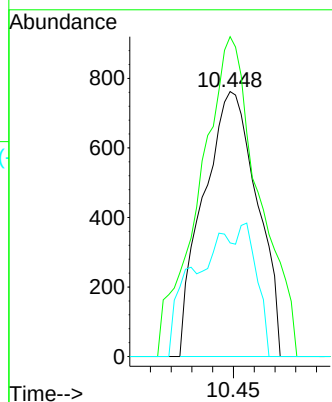
#51
Ethyl methacrylate
Concen: 0.217 ug/l
RT: 10.448 min Scan# 3154
Delta R.T. -0.316 min
Lab File: VN067601.D
Acq: 1 Jul 2021 17:08

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 69 Resp: 1368

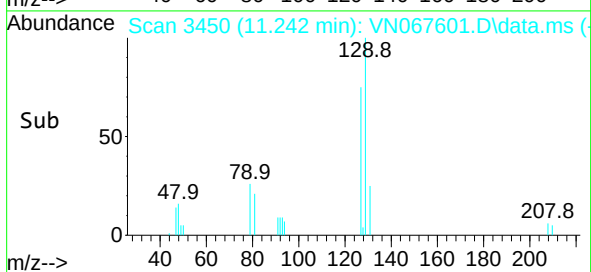
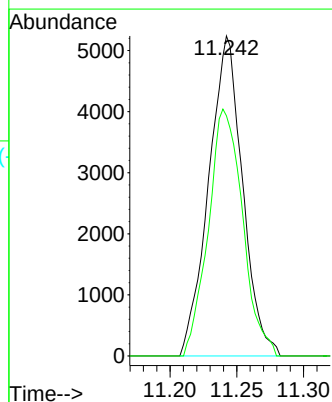
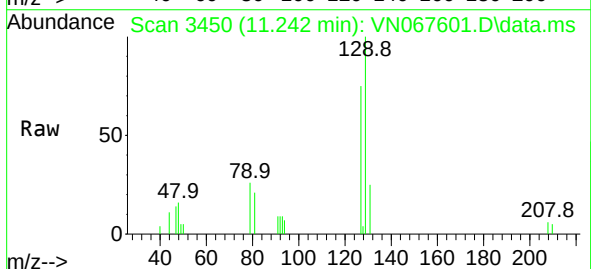
Ion	Ratio	Lower	Upper
69	100		
41	89.1	36.8	110.4
39	42.9	23.8	71.2

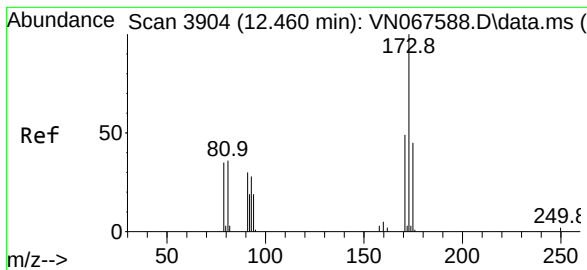


#53
Dibromochloromethane
Concen: 2.144 ug/l
RT: 11.242 min Scan# 3450
Delta R.T. 0.000 min
Lab File: VN067601.D
Acq: 1 Jul 2021 17:08

Tgt Ion: 129 Resp: 9224

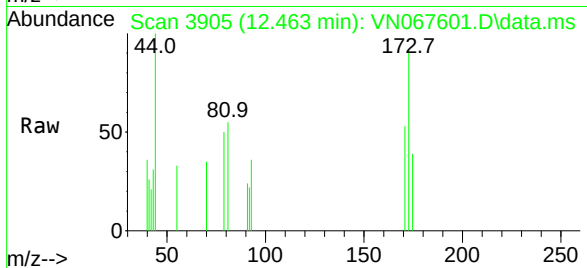
Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.8	116.4



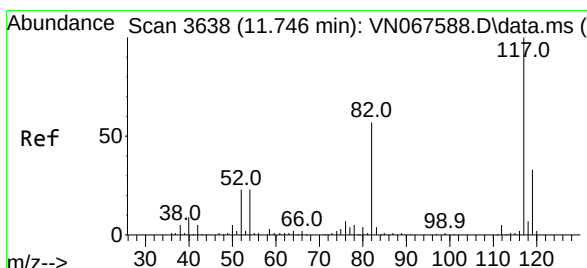
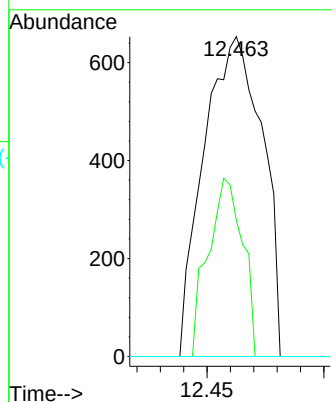
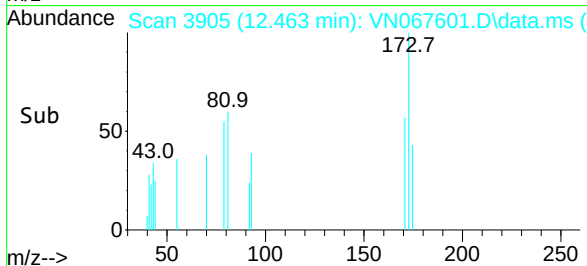


#56
Bromoform
Concen: 0.379 ug/l
RT: 12.463 min Scan# 3905
Delta R.T. 0.003 min
Lab File: VN067601.D
Acq: 1 Jul 2021 17:08

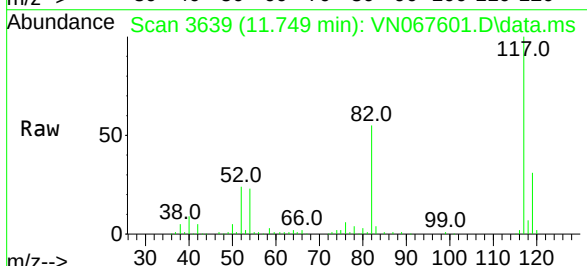
Instrument :
MSVOA_N
ClientSampled :



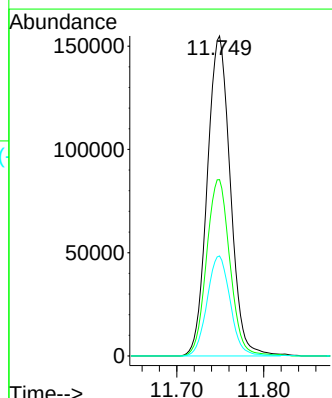
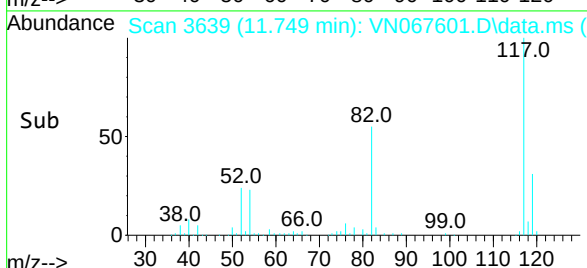
Tgt Ion:173 Resp: 1136
Ion Ratio Lower Upper
173 100
175 32.8 39.4 59.2#
254 0.0 0.0 0.0

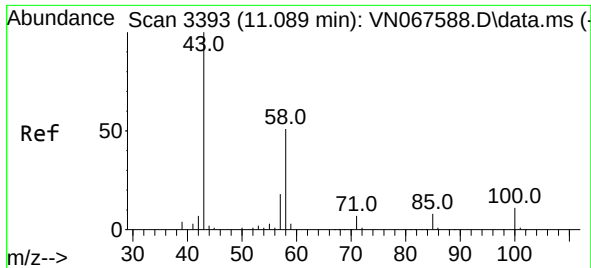


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067601.D
Acq: 1 Jul 2021 17:08



Tgt Ion:117 Resp: 285412
Ion Ratio Lower Upper
117 100
82 55.9 52.5 78.7
119 31.2 25.8 38.8

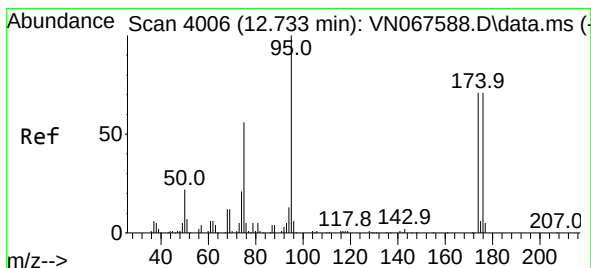
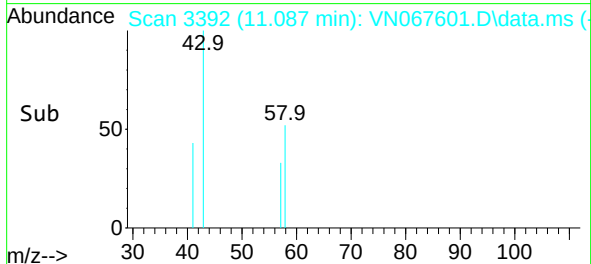
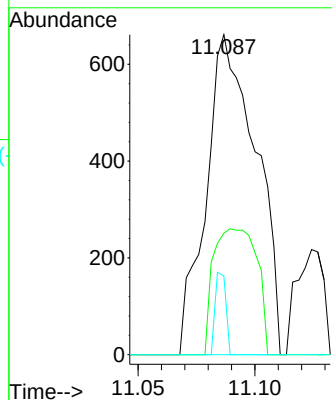
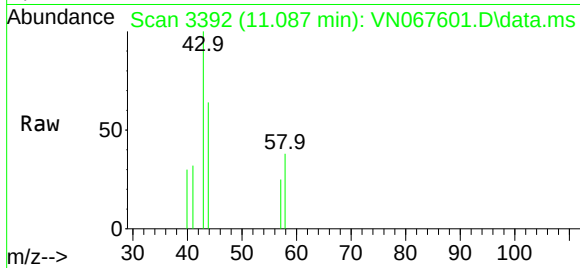




#59
2-Hexanone
Concen: 0.284 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN067601.D
Acq: 1 Jul 2021 17:08

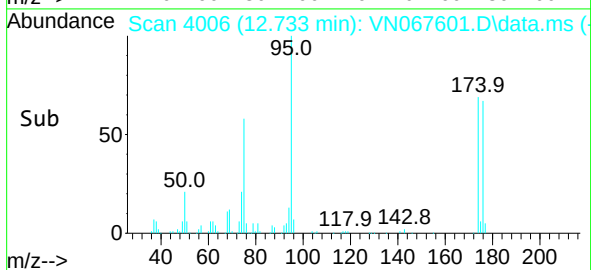
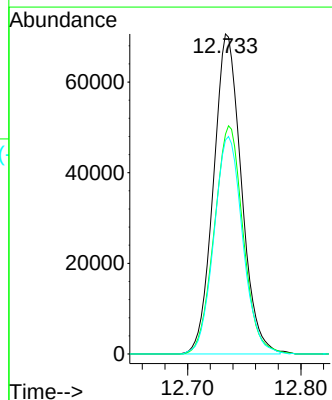
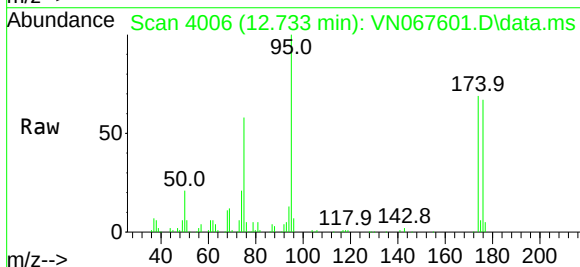
Instrument :
MSVOA_N
ClientSampled :

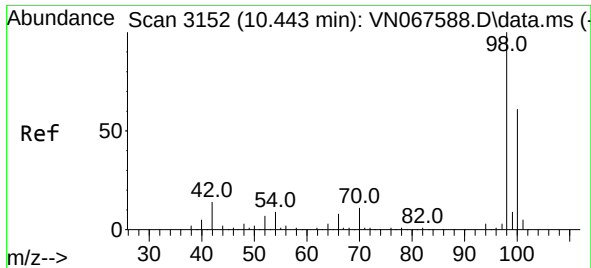
Tgt Ion: 43 Resp: 981
Ion Ratio Lower Upper
43 100
58 34.0 39.4 59.0#
57 5.4 14.4 21.6#



#60
4-Bromofluorobenzene
Concen: 25.963 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067601.D
Acq: 1 Jul 2021 17:08

Tgt Ion: 95 Resp: 120549
Ion Ratio Lower Upper
95 100
174 73.8 47.7 71.5#
176 70.2 45.7 68.5#

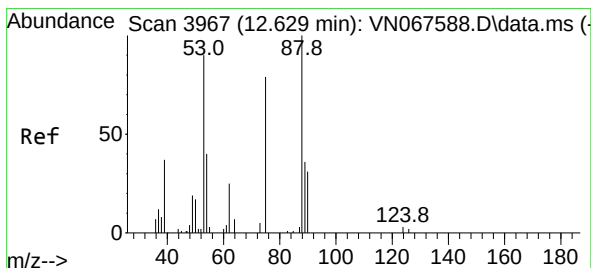
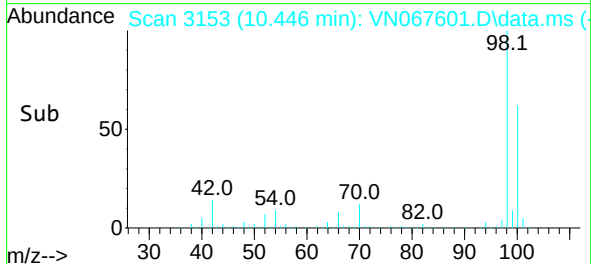
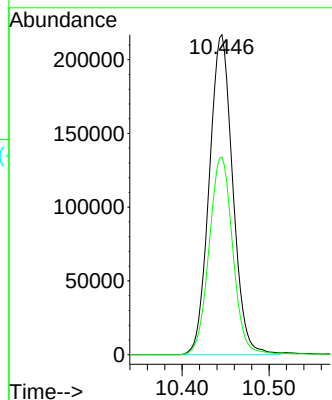
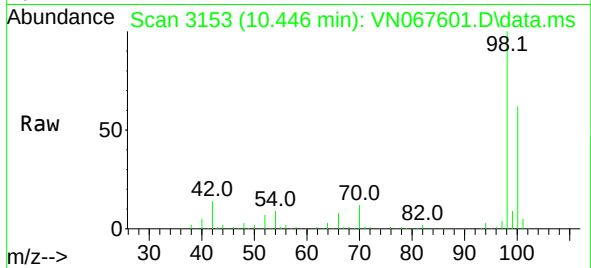




#63
Toluene-d8
Concen: 31.202 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067601.D
Acq: 1 Jul 2021 17:08

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 98 Resp: 407483
Ion Ratio Lower Upper
98 100
100 62.0 51.2 76.8



#77
t-1,4-Dichloro-2-butene
Concen: 45.954 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067601.D
Acq: 1 Jul 2021 17:08

Tgt Ion: 75 Resp: 69033
Ion Ratio Lower Upper
75 100
53 0.0 55.2 165.6#
89 0.0 24.5 73.5#

