

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
 Data File : VN069606.D
 Acq On : 22 Nov 2021 13:39
 Operator : JC/MD
 Sample : M4692-02 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WW-EFF

Quant Time: Nov 23 04:27:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

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

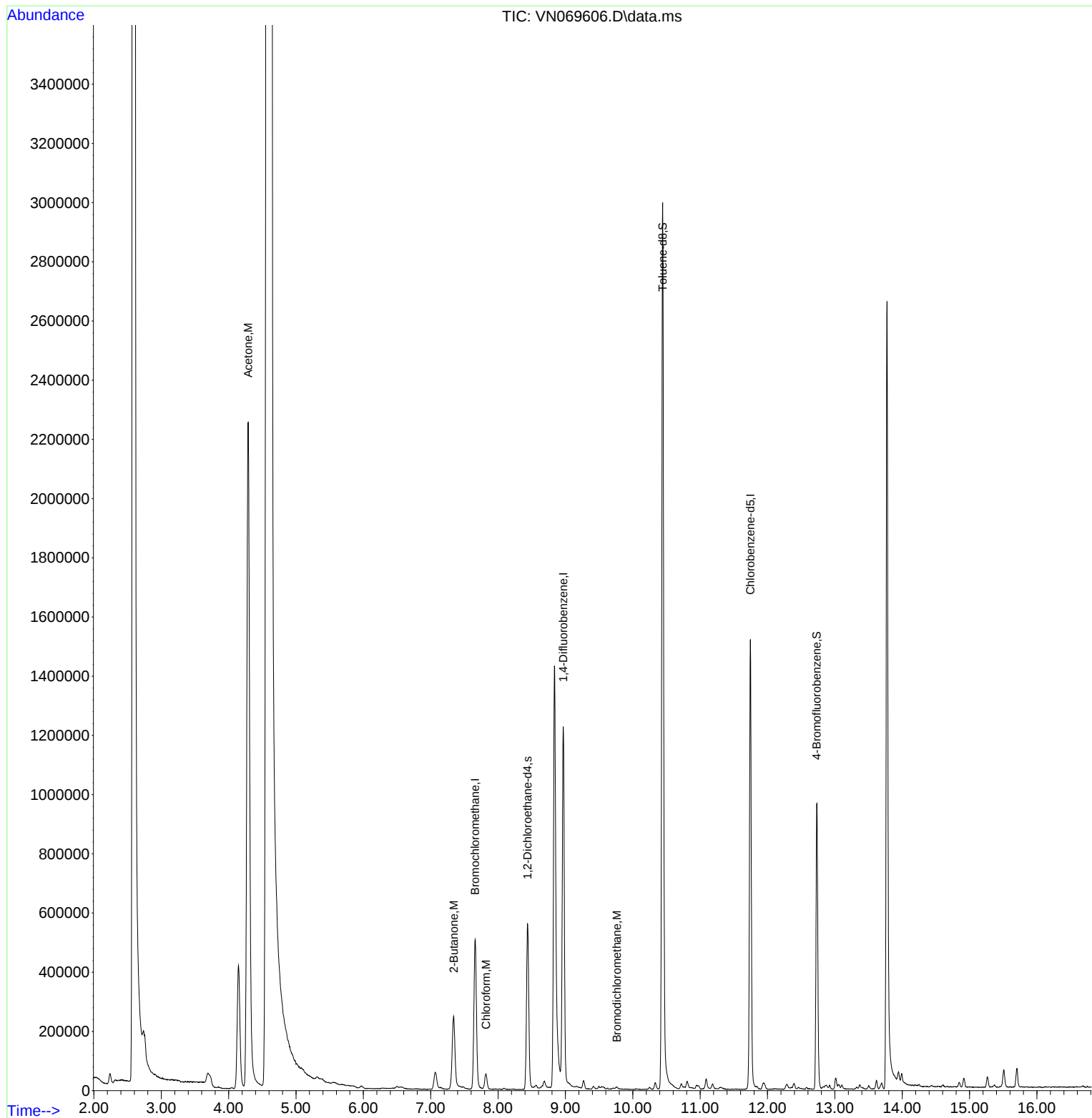
Internal Standards						
1) Bromochloromethane	7.659	128	177527	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	1026918	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	850868	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	480735	31.224	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.067%
60) 4-Bromofluorobenzene	12.731	95	345866	25.401	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.667%
63) Toluene-d8	10.443	98	1241805	31.609	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.367%
Target Compounds						
					Qvalue	
15) Acetone	4.291	58	1151606	495.812	ug/l	75
25) Chloroform	7.820	83	49122	2.318	ug/l	99
30) 2-Butanone	7.343	43	380290	33.516	ug/l #	89
41) Bromodichloromethane	9.765	83	4308	0.271	ug/l #	78

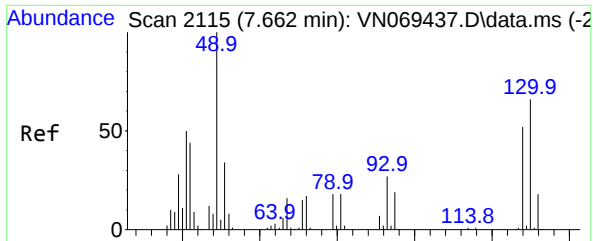
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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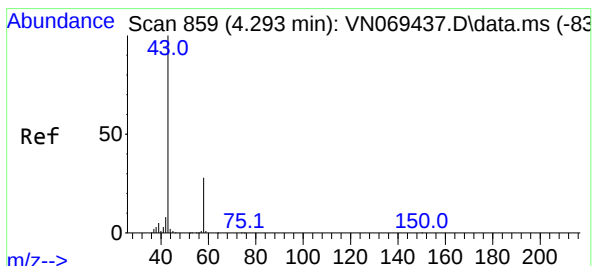
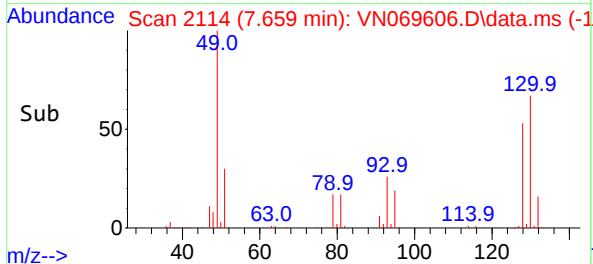
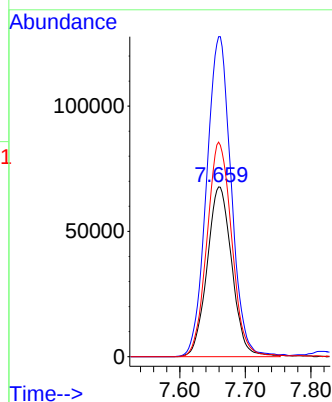
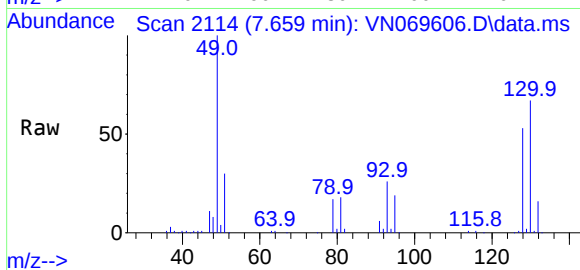




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VN069606.D
Acq: 22 Nov 2021 13:39

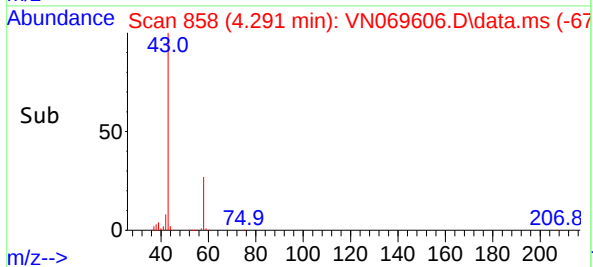
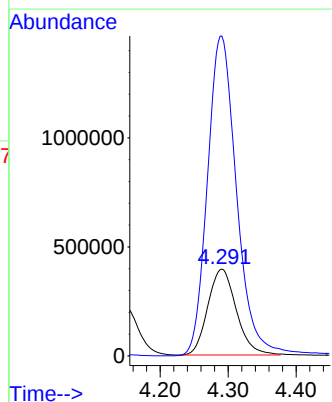
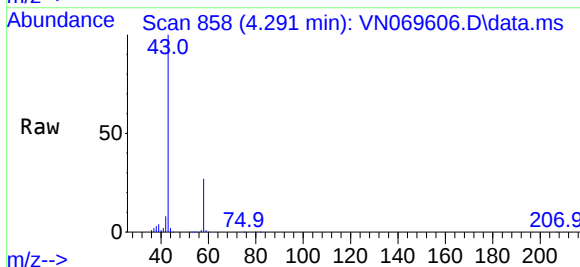
Instrument :
MSVOA_N
ClientSampleId :
VW-EFF

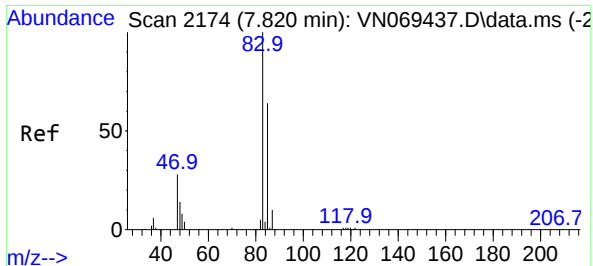
Tgt Ion:128 Resp: 177527
Ion Ratio Lower Upper
128 100
49 187.3 0.0 392.3
130 126.3 0.0 320.2



#15
Acetone
Concen: 495.812 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069606.D
Acq: 22 Nov 2021 13:39

Tgt Ion: 58 Resp: 1151606
Ion Ratio Lower Upper
58 100
43 371.5 256.6 384.8





#25

Chloroform

Concen: 2.318 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN069606.D

Acq: 22 Nov 2021 13:39

Instrument :

MSVOA_N

ClientSampleId :

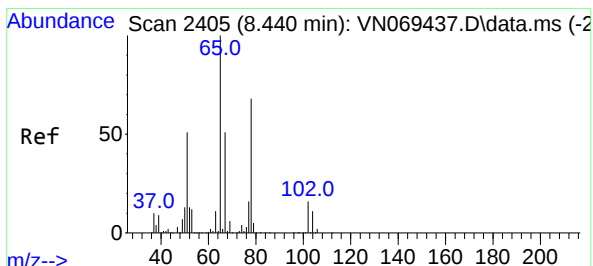
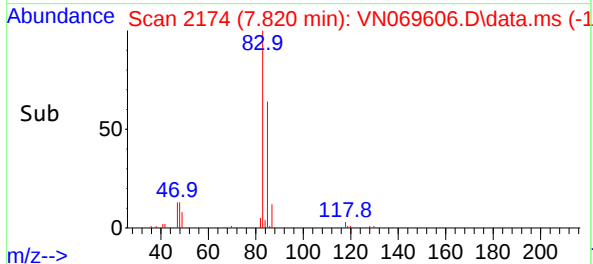
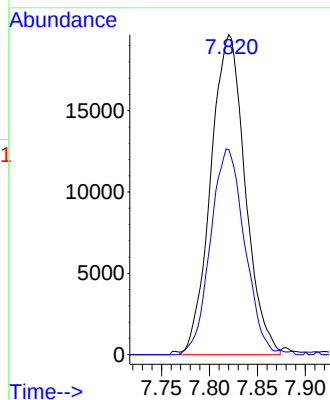
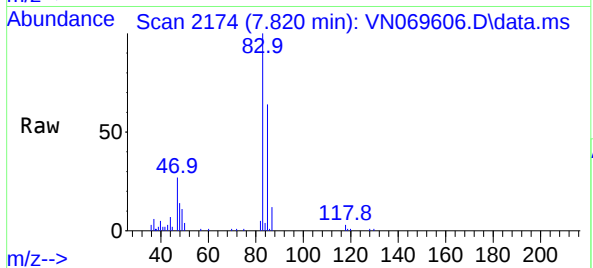
VW-EFF

Tgt Ion: 83 Resp: 49122

Ion Ratio Lower Upper

83 100

85 64.6 51.3 76.9



#27

1,2-Dichloroethane-d4

Concen: 31.224 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN069606.D

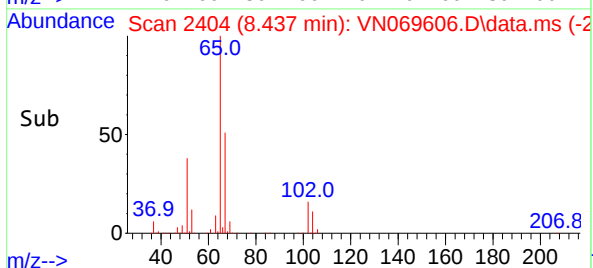
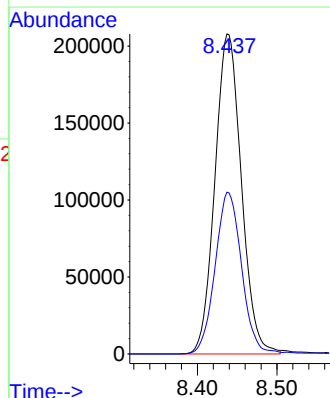
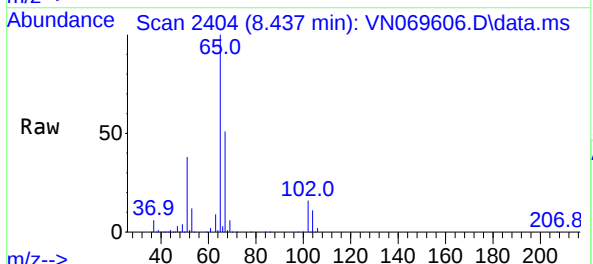
Acq: 22 Nov 2021 13:39

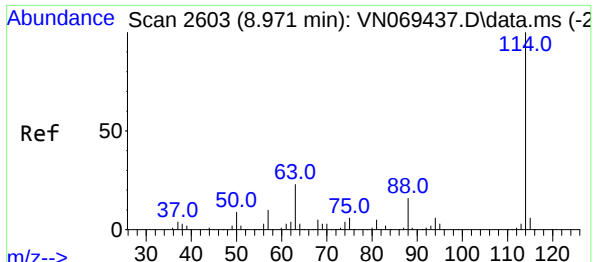
Tgt Ion: 65 Resp: 480735

Ion Ratio Lower Upper

65 100

67 50.4 40.2 60.2

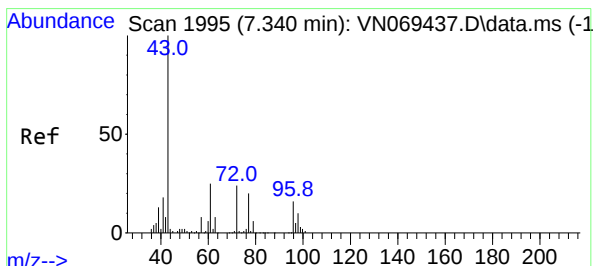
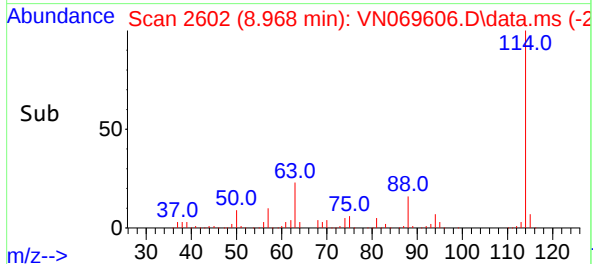
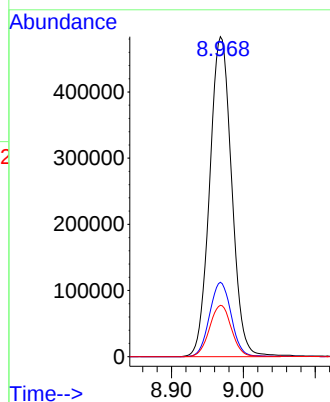
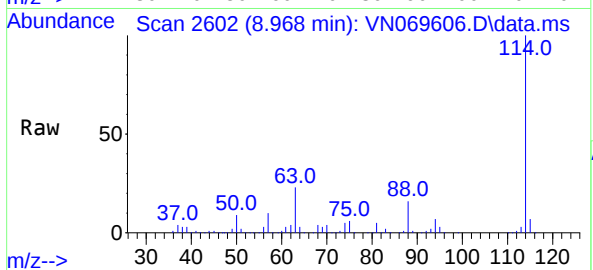




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069606.D
Acq: 22 Nov 2021 13:39

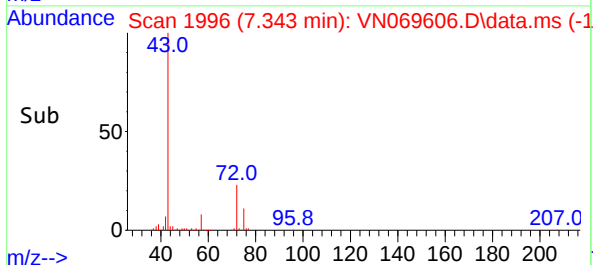
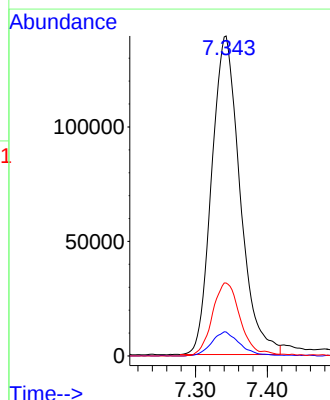
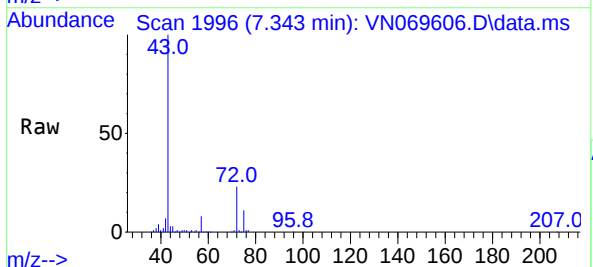
Instrument :
MSVOA_N
ClientSampleId :
VW-EFF

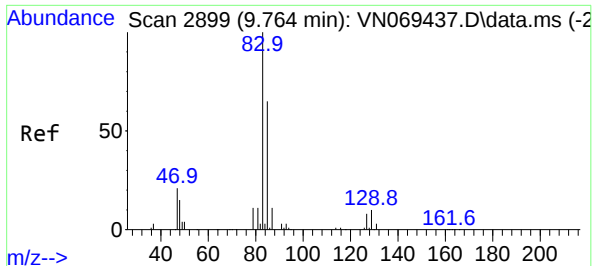
Tgt Ion:114 Resp: 1026918
Ion Ratio Lower Upper
114 100
63 22.9 15.8 23.6
88 16.0 11.6 17.4



#30
2-Butanone
Concen: 33.516 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.005 min
Lab File: VN069606.D
Acq: 22 Nov 2021 13:39

Tgt Ion: 43 Resp: 380290
Ion Ratio Lower Upper
43 100
57 7.6 6.7 10.1
72 22.1 23.2 34.8#

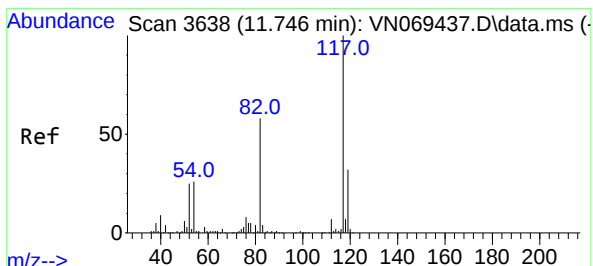
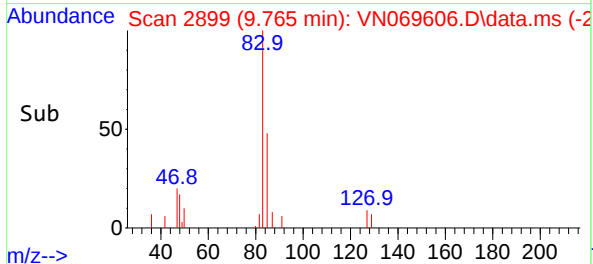
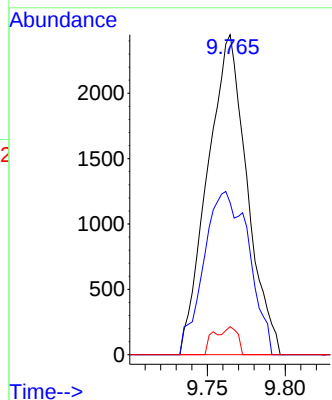
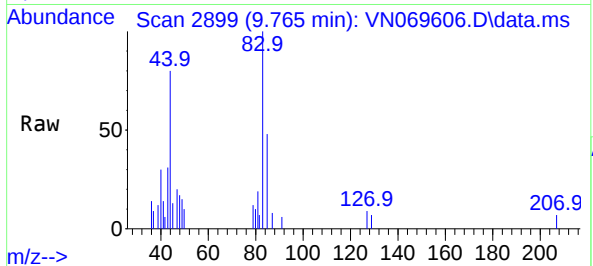




#41
Bromodichloromethane
Concen: 0.271 ug/l
RT: 9.765 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069606.D
Acq: 22 Nov 2021 13:39

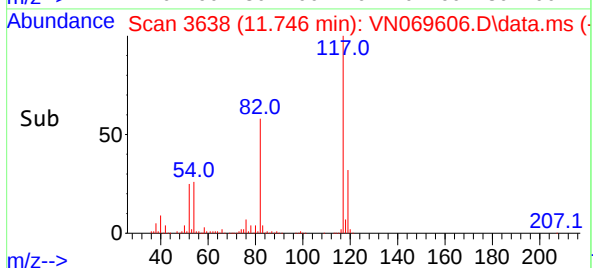
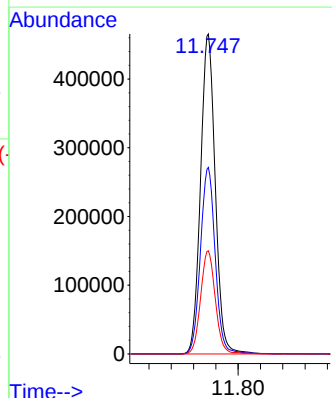
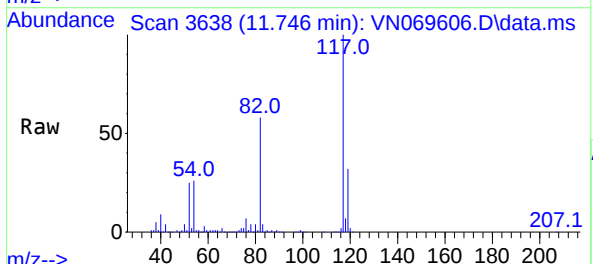
Instrument :
MSVOA_N
ClientSampleId :
VW-EFF

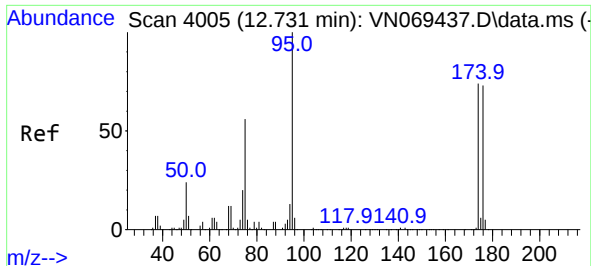
Tgt Ion: 83 Resp: 4308
Ion Ratio Lower Upper
83 100
85 47.5 54.1 81.1#
127 8.8 7.6 11.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069606.D
Acq: 22 Nov 2021 13:39

Tgt Ion: 117 Resp: 850868
Ion Ratio Lower Upper
117 100
82 58.6 43.6 65.4
119 32.1 25.8 38.6

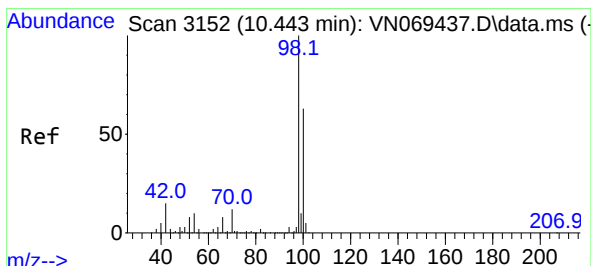
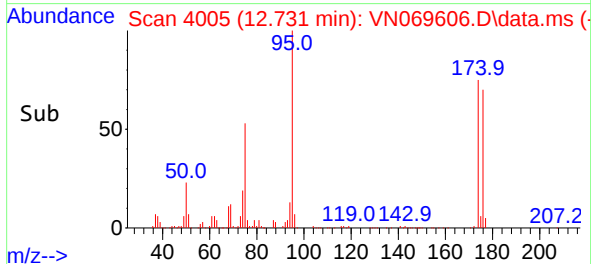
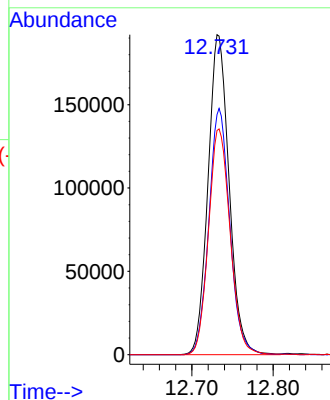
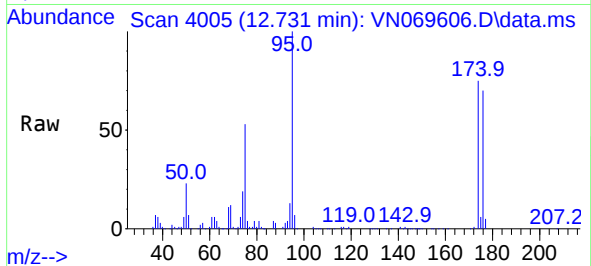




#60
4-Bromofluorobenzene
Concen: 25.401 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069606.D
Acq: 22 Nov 2021 13:39

Instrument :
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VW-EFF

Tgt Ion: 95 Resp: 345866
Ion Ratio Lower Upper
95 100
174 76.4 62.9 94.3
176 72.3 61.0 91.4



#63
Toluene-d8
Concen: 31.609 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069606.D
Acq: 22 Nov 2021 13:39

Tgt Ion: 98 Resp: 1241805
Ion Ratio Lower Upper
98 100
100 63.3 50.6 76.0

