

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092821\
 Data File : VN068731.D
 Acq On : 28 Sep 2021 20:54
 Operator : JC/MD
 Sample : M3760-01 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Quant Time: Sep 29 05:17:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 29 05:13:39 2021
 Response via : Initial Calibration

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

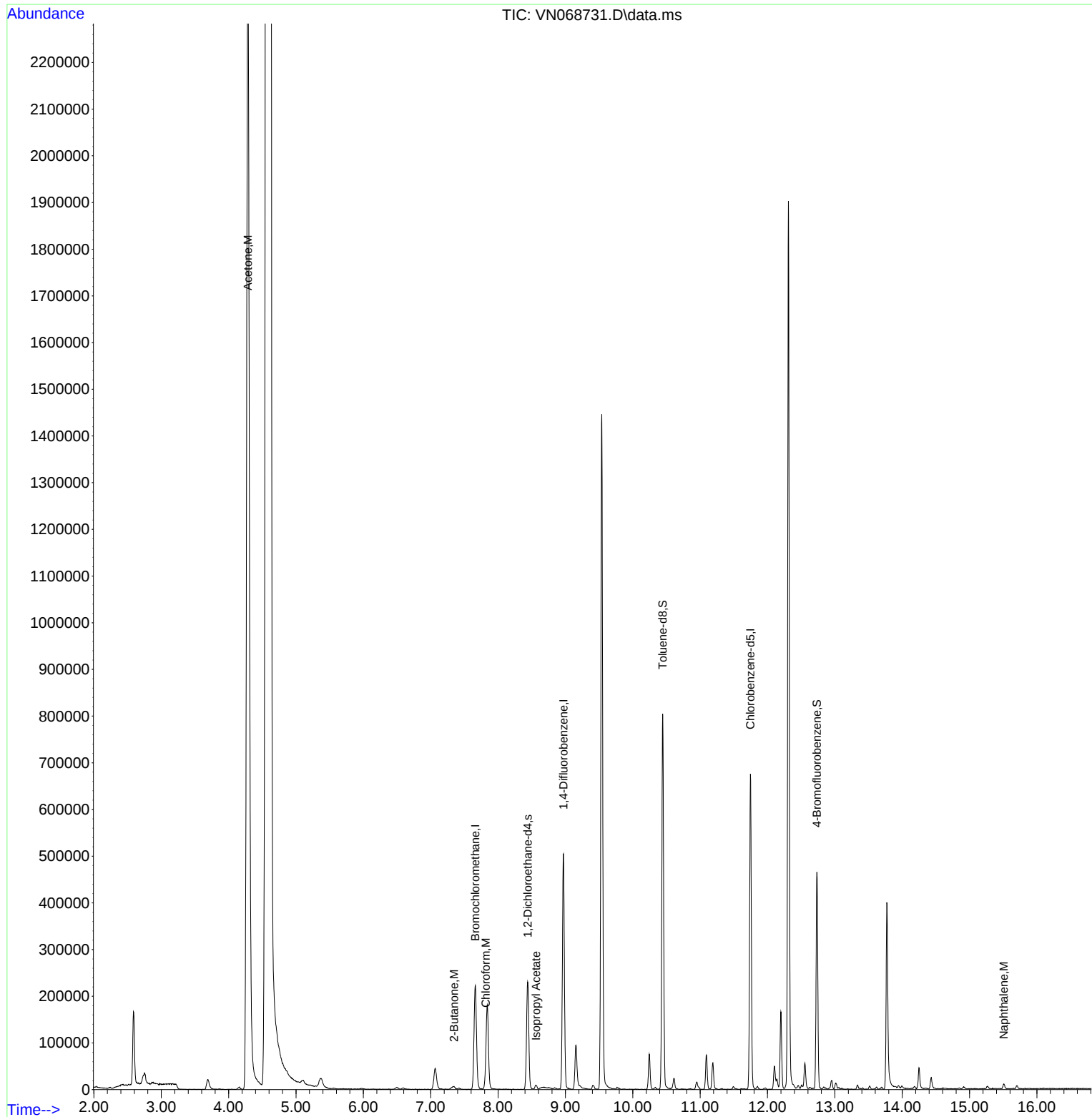
Internal Standards						
1) Bromochloromethane	7.662	128	79625	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	435078	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	378157	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	189775	30.920	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.067%
60) 4-Bromofluorobenzene	12.734	95	151042	25.567	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.233%
63) Toluene-d8	10.443	98	552167	32.304	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	107.667%
Target Compounds						
					Qvalue	
15) Acetone	4.285	58	1345699	2230.738	ug/l	91
25) Chloroform	7.818	83	26274	2.646	ug/l	98
30) 2-Butanone	7.346	43	7875	2.536	ug/l #	95
44) Isopropyl Acetate	8.563	43	10727	0.954	ug/l #	65
91) Naphthalene	15.507	128	9946	0.719	ug/l	95

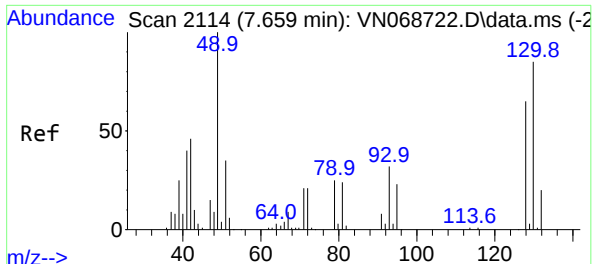
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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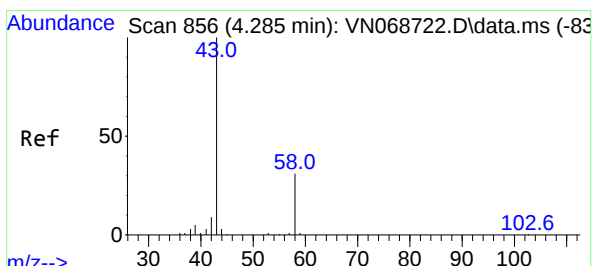
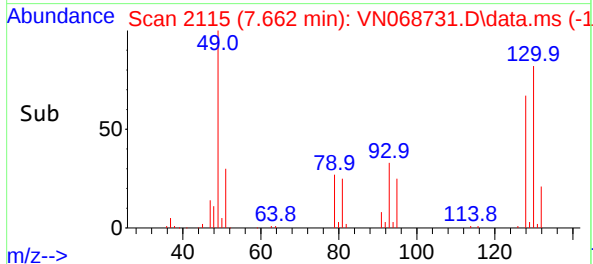
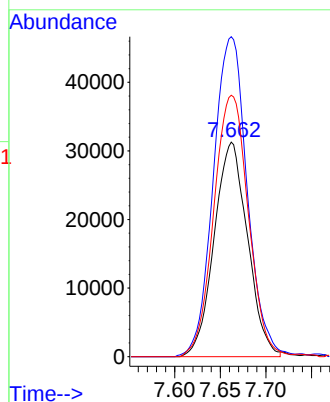
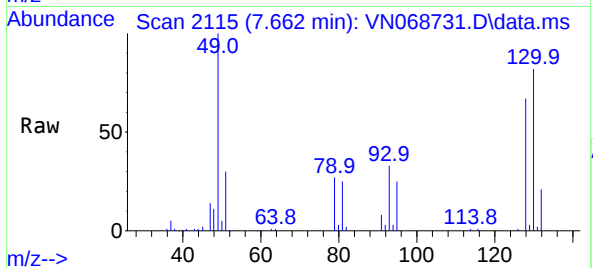


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN068731.D
Acq: 28 Sep 2021 20:54

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion:128 Resp: 79625

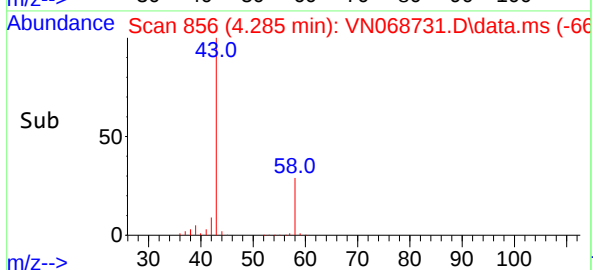
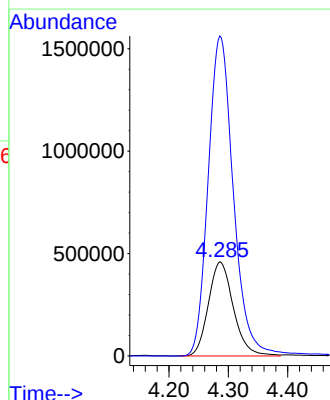
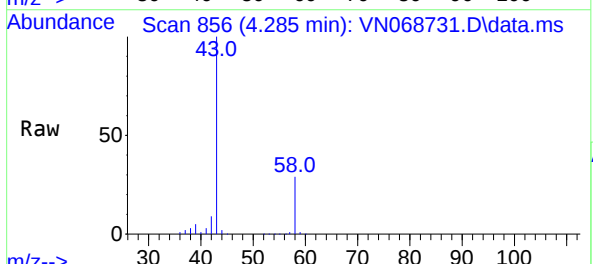
Ion	Ratio	Lower	Upper
128	100		
49	151.5	0.0	392.3
130	126.2	0.0	320.2

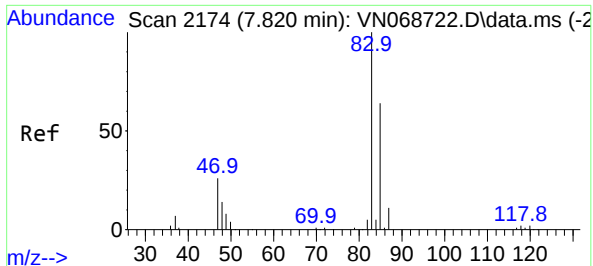


#15
Acetone
Concen: 2230.738 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN068731.D
Acq: 28 Sep 2021 20:54

Tgt Ion: 58 Resp: 1345699

Ion	Ratio	Lower	Upper
58	100		
43	339.7	256.6	384.8



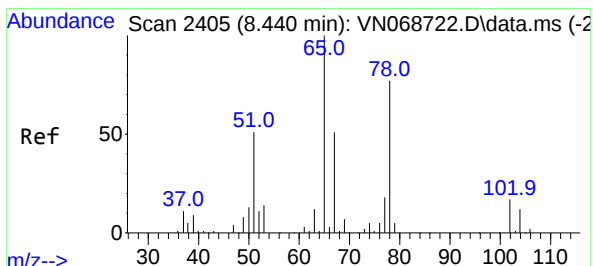
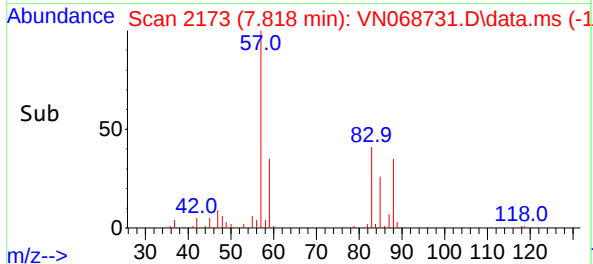
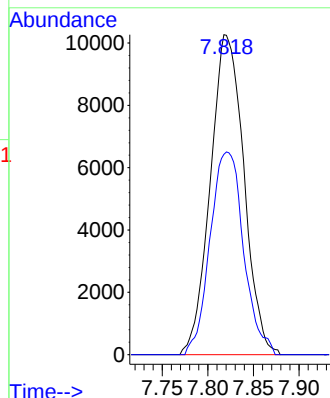
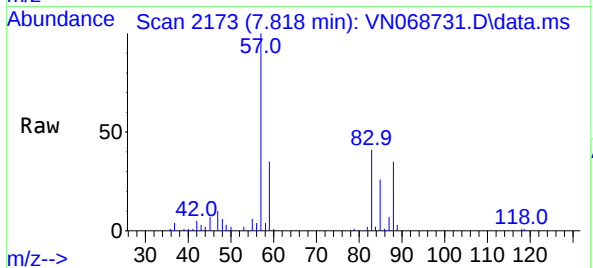


#25

Chloroform
Concen: 2.646 ug/l
RT: 7.818 min Scan# 2173
Delta R.T. -0.002 min
Lab File: VN068731.D
Acq: 28 Sep 2021 20:54

Instrument :
MSVOA_N
ClientSampled :
EFF-WW

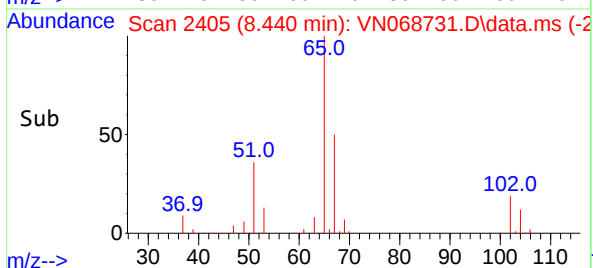
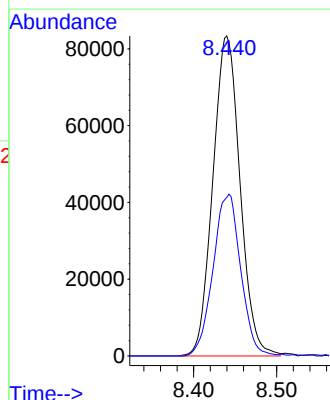
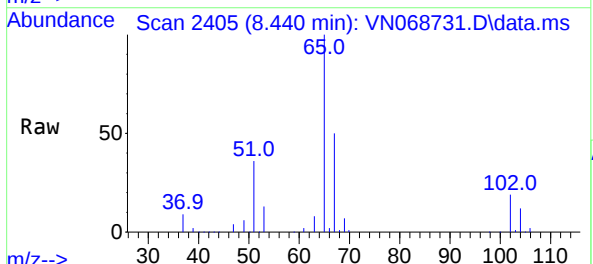
Tgt Ion: 83 Resp: 26274
Ion Ratio Lower Upper
83 100
85 62.6 51.3 76.9

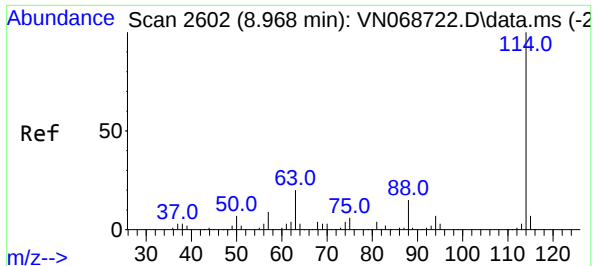


#27

1,2-Dichloroethane-d4
Concen: 30.920 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068731.D
Acq: 28 Sep 2021 20:54

Tgt Ion: 65 Resp: 189775
Ion Ratio Lower Upper
65 100
67 51.3 40.2 60.2



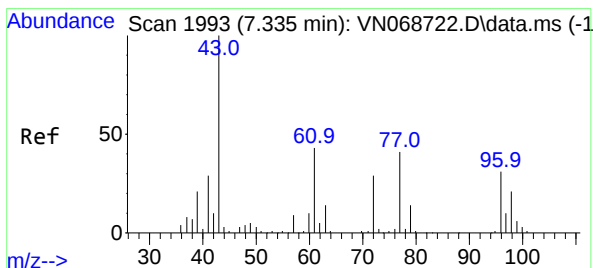
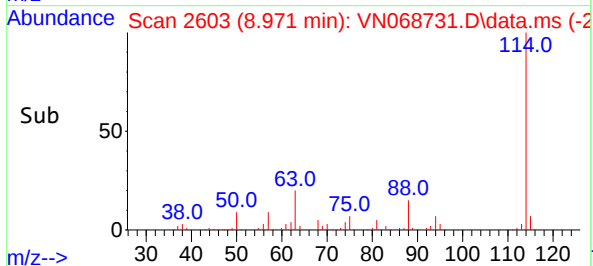
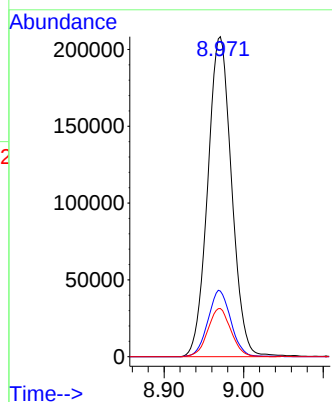
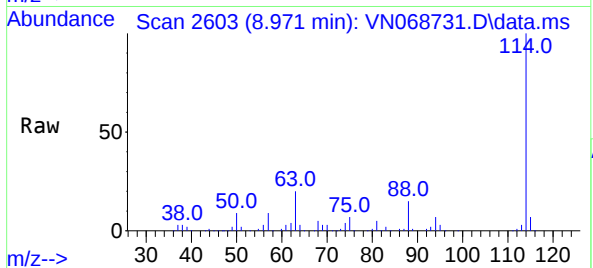


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068731.D
Acq: 28 Sep 2021 20:54

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

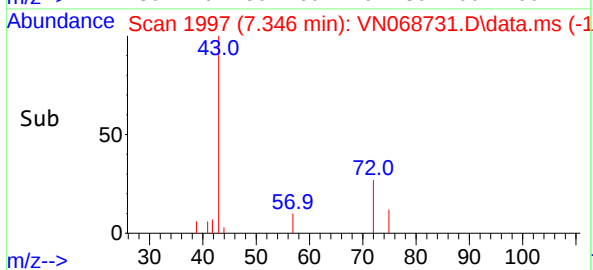
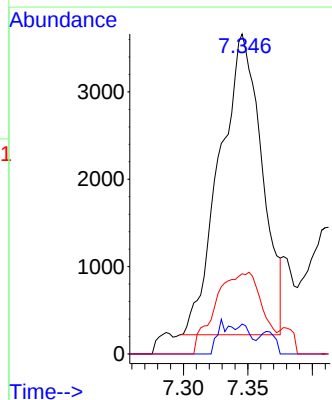
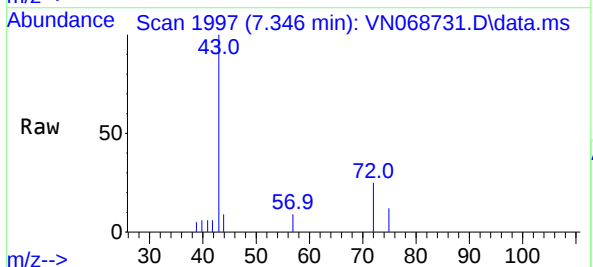
Tgt Ion:114 Resp: 435078
Ion Ratio Lower Upper
114 100
63 19.9 15.8 23.6
88 14.6 11.6 17.4

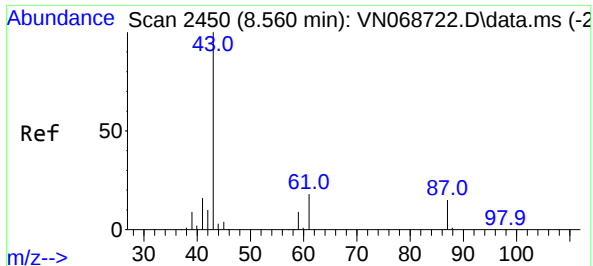


#30

2-Butanone
Concen: 2.536 ug/l
RT: 7.346 min Scan# 1997
Delta R.T. 0.011 min
Lab File: VN068731.D
Acq: 28 Sep 2021 20:54

Tgt Ion: 43 Resp: 7875
Ion Ratio Lower Upper
43 100
57 3.1 6.7 10.1#
72 30.0 23.2 34.8

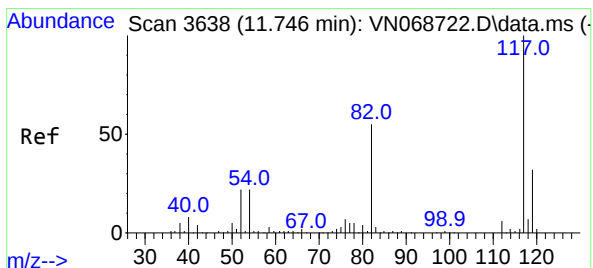
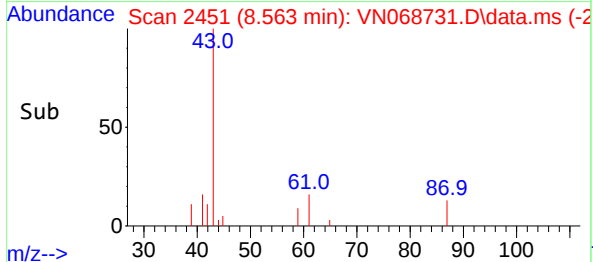
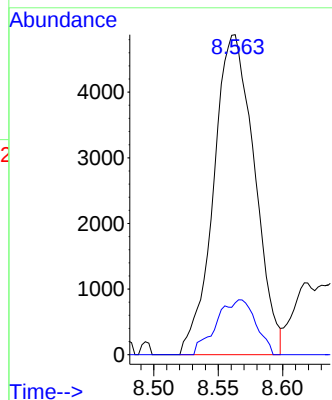
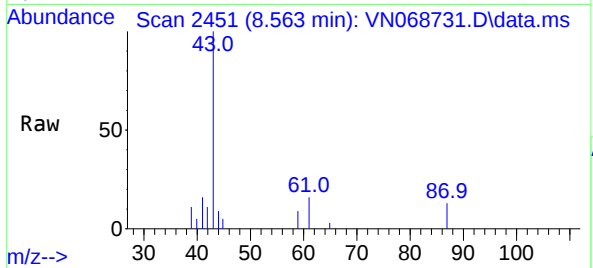




#44
Isopropyl Acetate
Concen: 0.954 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN068731.D
Acq: 28 Sep 2021 20:54

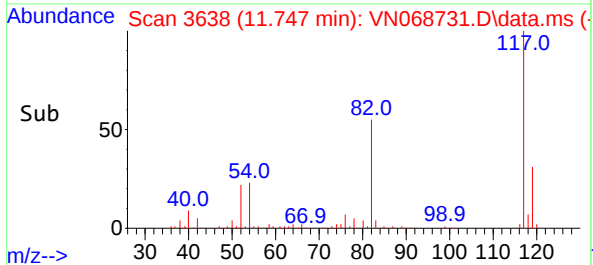
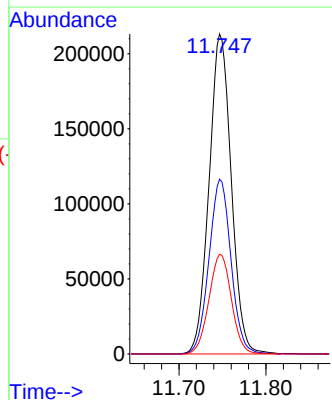
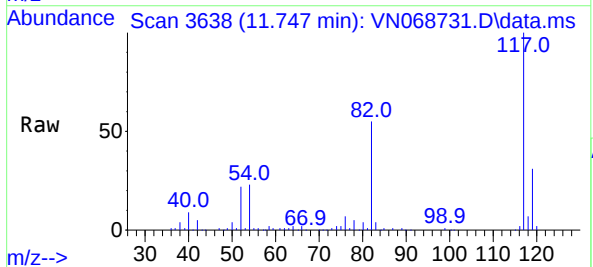
Instrument :
MSVOA_N
ClientSampled :
EFF-WW

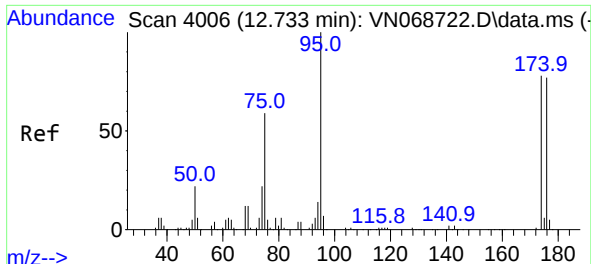
Tgt Ion: 43 Resp: 10727
Ion Ratio Lower Upper
43 100
61 7.5 20.1 30.1#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN068731.D
Acq: 28 Sep 2021 20:54

Tgt Ion: 117 Resp: 378157
Ion Ratio Lower Upper
117 100
82 54.3 43.6 65.4
119 31.6 25.8 38.6

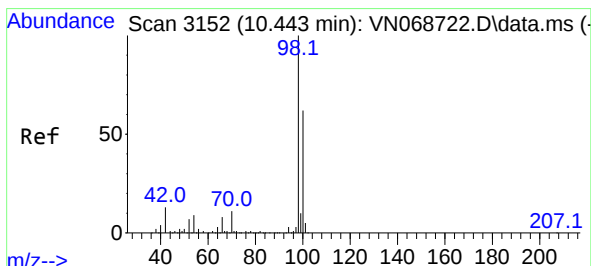
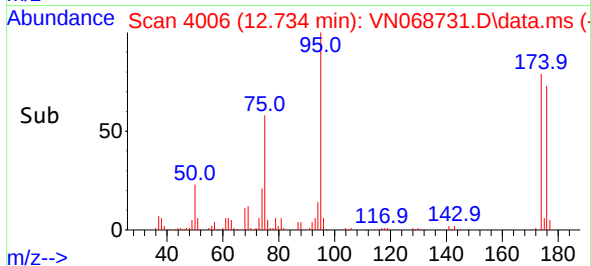
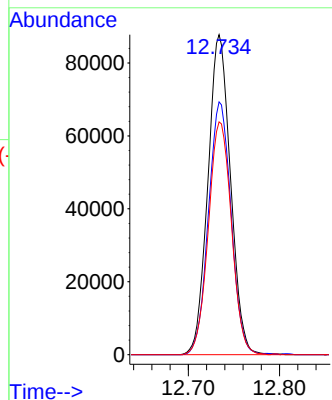
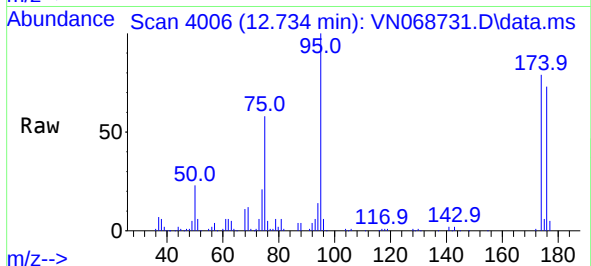




#60
4-Bromofluorobenzene
Concen: 25.567 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN068731.D
Acq: 28 Sep 2021 20:54

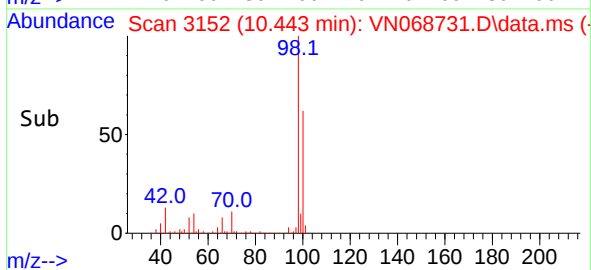
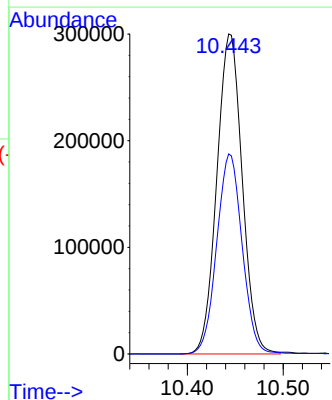
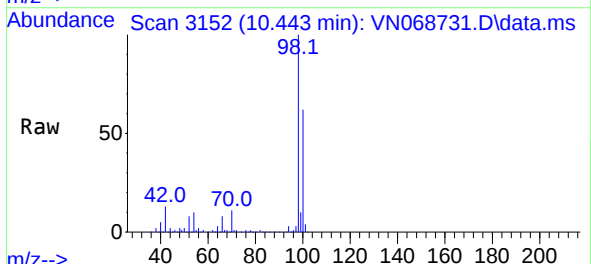
Instrument :
MSVOA_N
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EFF-WW

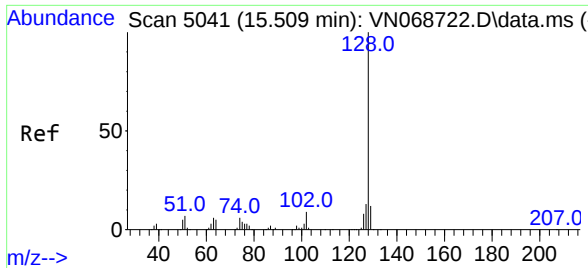
Tgt Ion: 95 Resp: 151042
Ion Ratio Lower Upper
95 100
174 79.1 62.9 94.3
176 74.2 61.0 91.4



#63
Toluene-d8
Concen: 32.304 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068731.D
Acq: 28 Sep 2021 20:54

Tgt Ion: 98 Resp: 552167
Ion Ratio Lower Upper
98 100
100 62.5 50.6 76.0





#91
Naphthalene
Concen: 0.719 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN068731.D
Acq: 28 Sep 2021 20:54

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion:	128	Resp:	9946
Ion	Ratio	Lower	Upper
128	100		
127	10.7	10.7	16.1
129	10.5	9.0	13.6

