

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071819\
 Data File : VN056805.D
 Acq On : 18 Jul 2019 11:19
 Operator : JC/SP
 Sample : K3879-01 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Quant Time: Jul 19 05:47:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 12 23:58:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	47541	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	266383	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	228464	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	101938	31.65	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.50%
60) 4-Bromofluorobenzene	12.40	95	94179	26.94	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.80%
63) Toluene-d8	10.09	98	320333	30.69	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.30%

Target Compounds

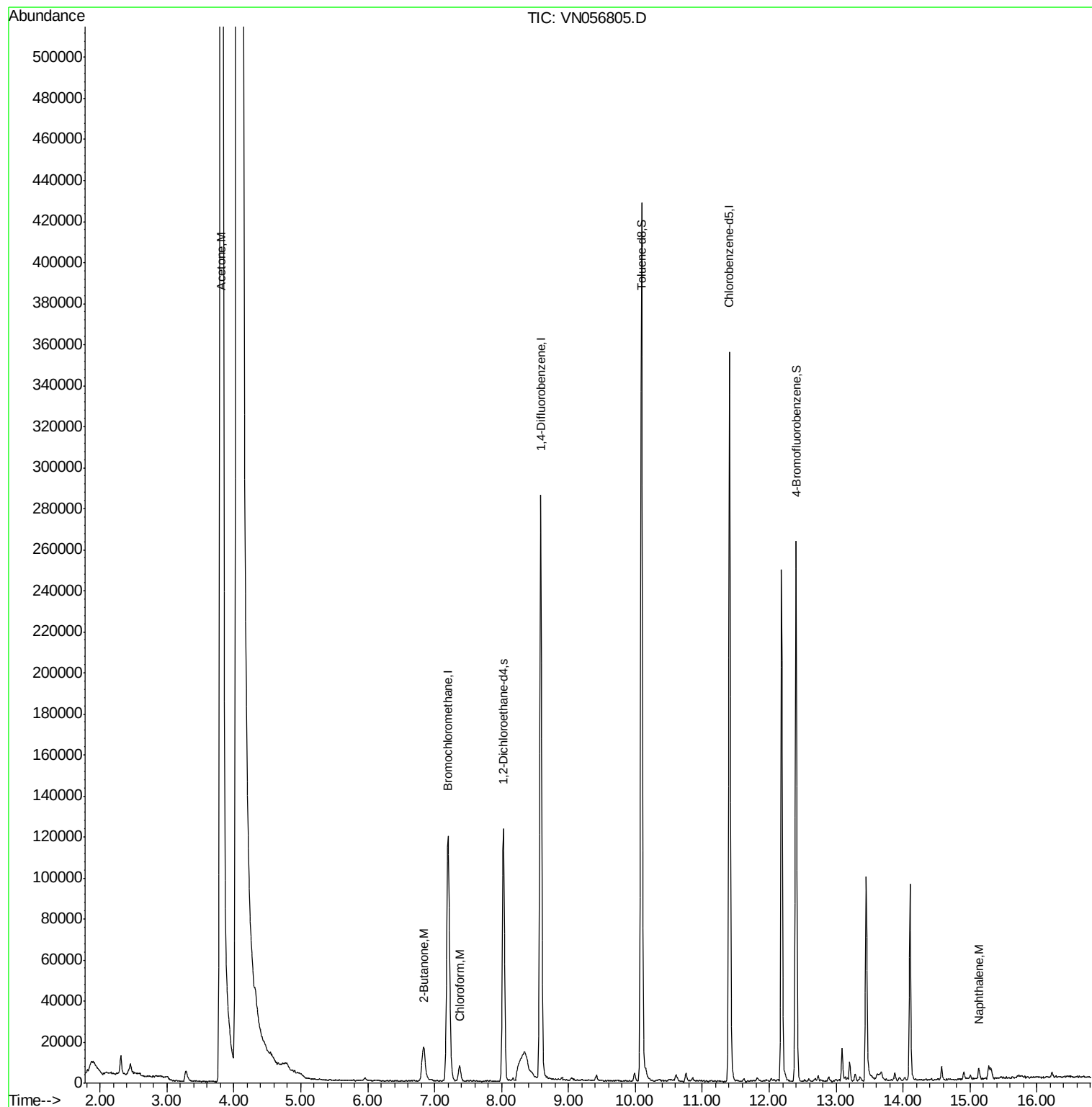
					Ovalue	
15) Acetone	3.82	58	1259230	2206.338	ug/l	97
25) Chloroform	7.37	83	8768	1.612	ug/l	99
30) 2-Butanone	6.85	43	12330	5.029	ug/l #	94
91) Naphthalene	15.13	128	5543	0.625	ug/l #	94

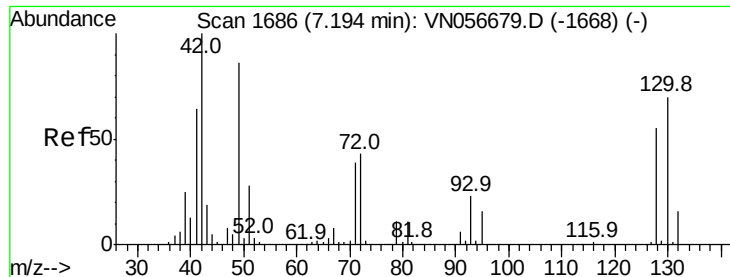
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 12 23:58:13 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN056805.D

Acq: 18 Jul 2019 11:19

Instrument :

MSVOA_N

ClientSampleId :

EFF-WW

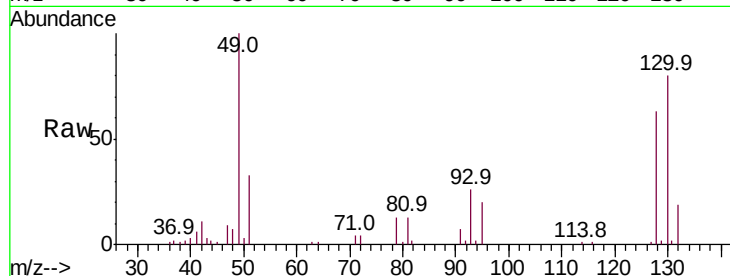
Tot Ion:128 Resp: 47541

Ion Ratio Lower Upper

128 100

49 156.9 0.0 390.5

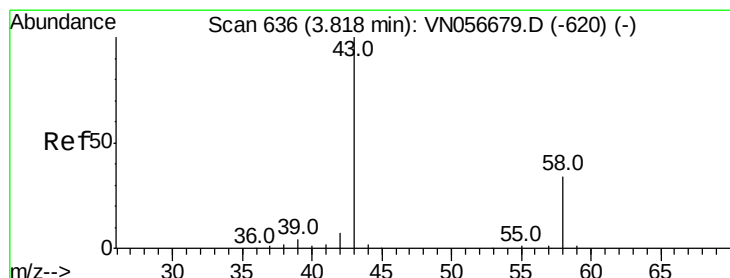
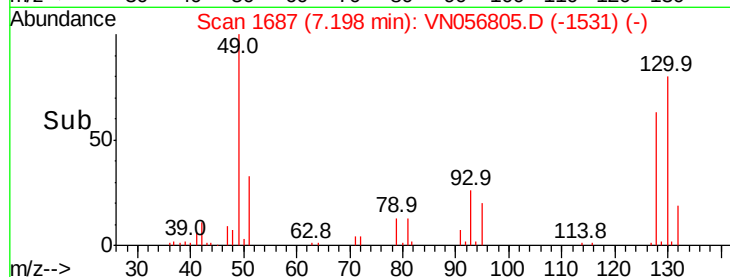
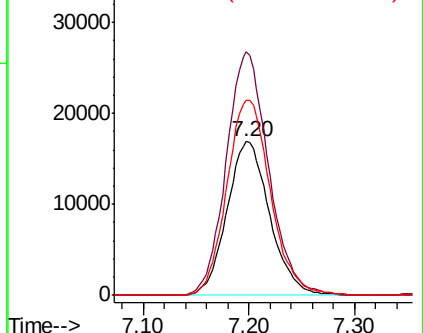
130 130.2 0.0 316.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 2206.338 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN056805.D

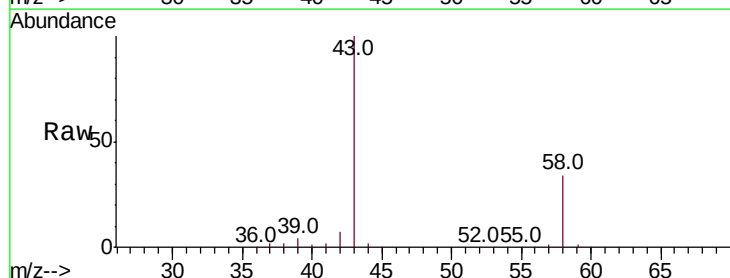
Acq: 18 Jul 2019 11:19

Tgt Ion: 58 Resp: 1259230

Ion Ratio Lower Upper

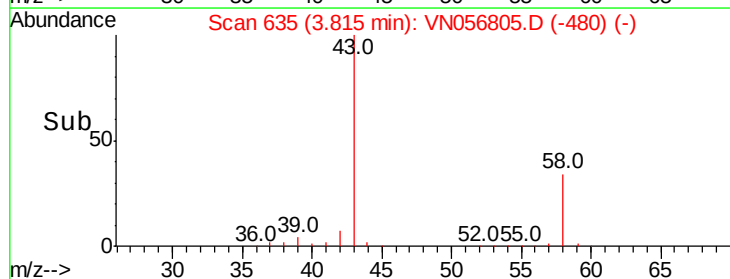
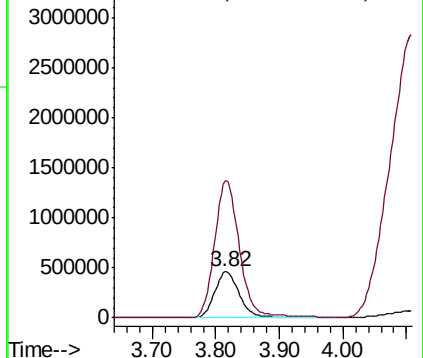
58 100

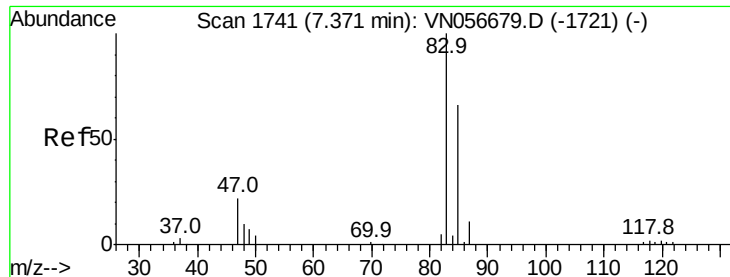
43 297.6 233.9 350.9



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

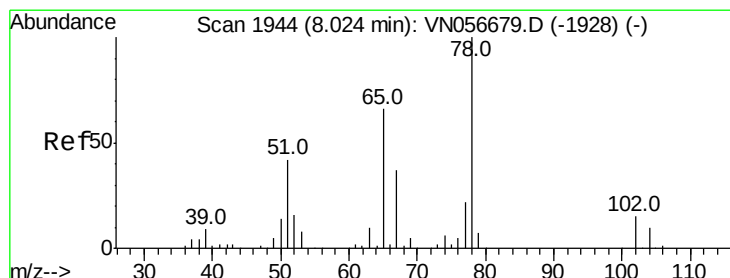
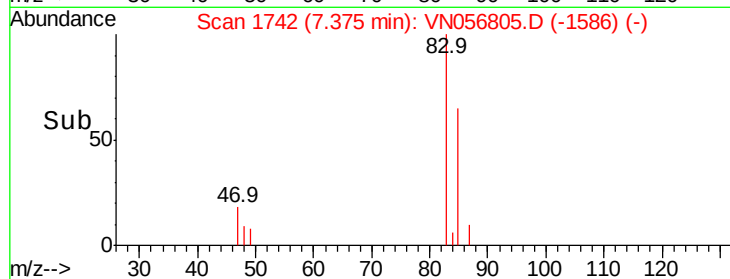
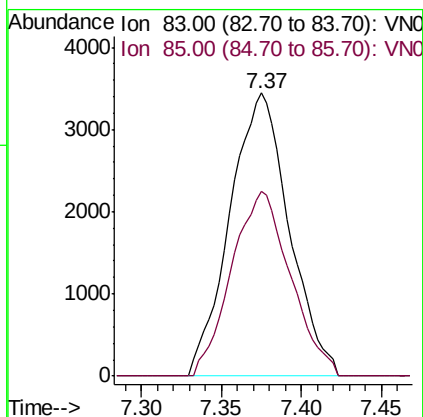
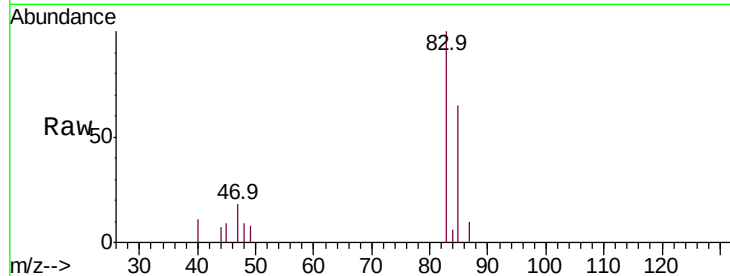




#25
Chloroform
Concen: 1.612 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN056805.D
Acq: 18 Jul 2019 11:19

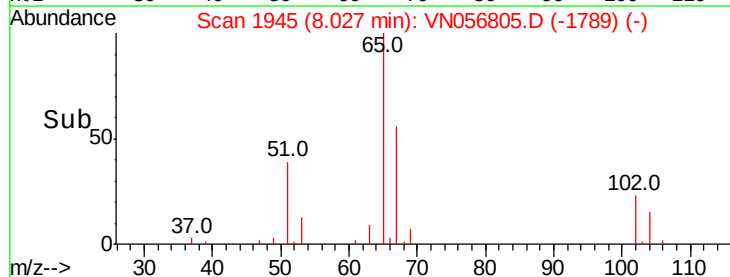
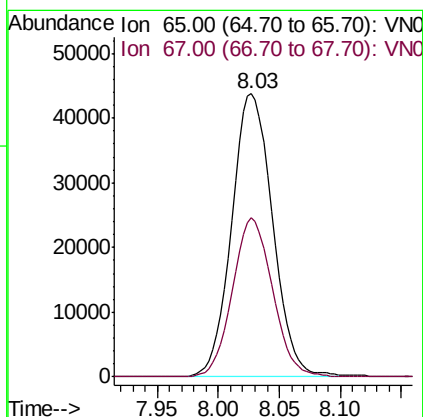
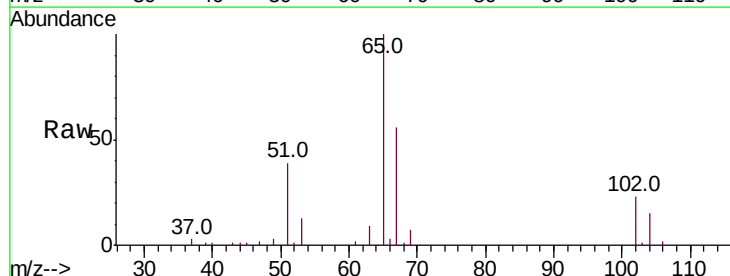
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

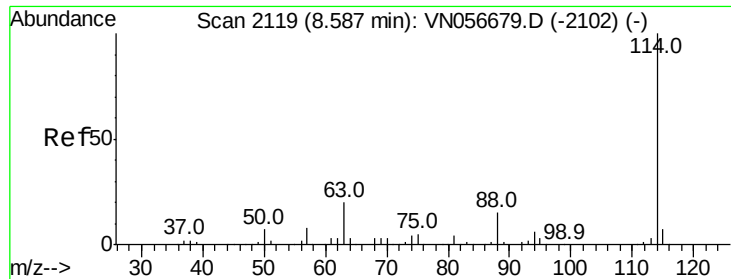
Tot Ion: 83 Resp: 8768
Ion Ratio Lower Upper
83 100
85 65.4 52.6 79.0



#27
1,2-Dichloroethane-d4
Concen: 31.655 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056805.D
Acq: 18 Jul 2019 11:19

Tgt Ion: 65 Resp: 101938
Ion Ratio Lower Upper
65 100
67 55.0 43.4 65.0

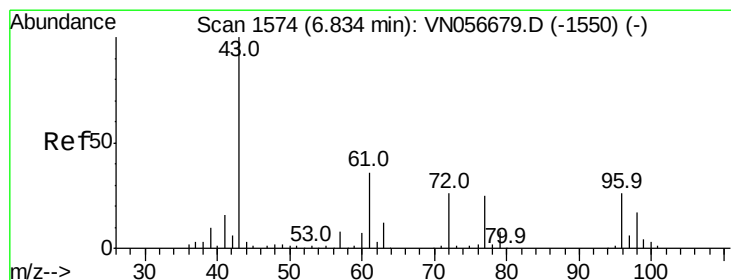
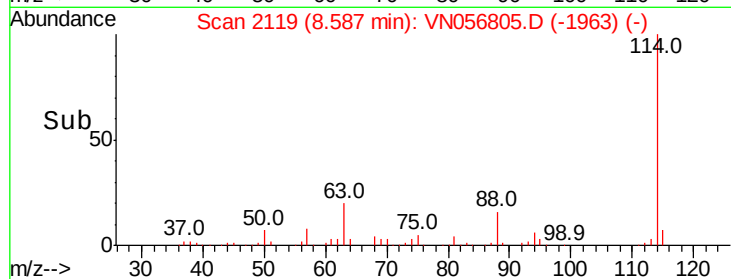
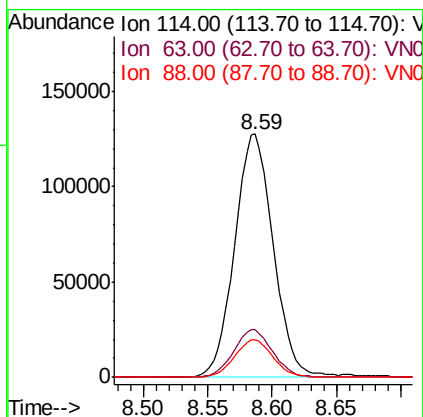
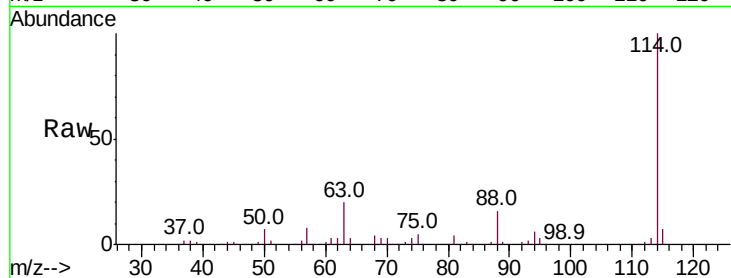




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN056805.D
 Acq: 18 Jul 2019 11:19

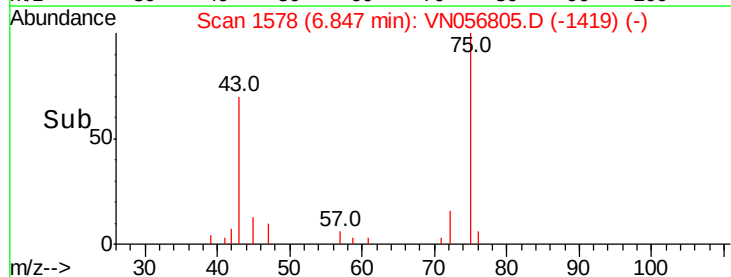
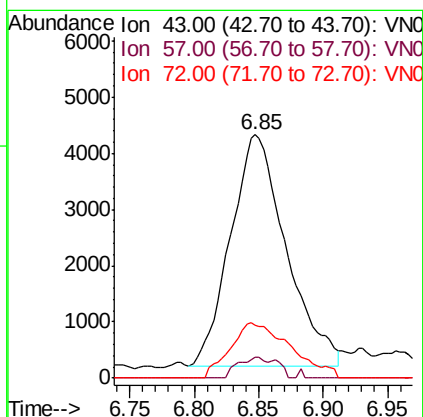
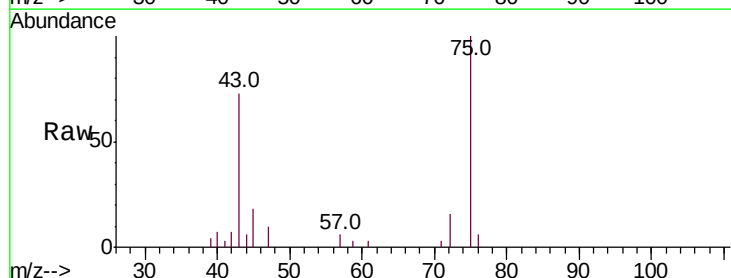
Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

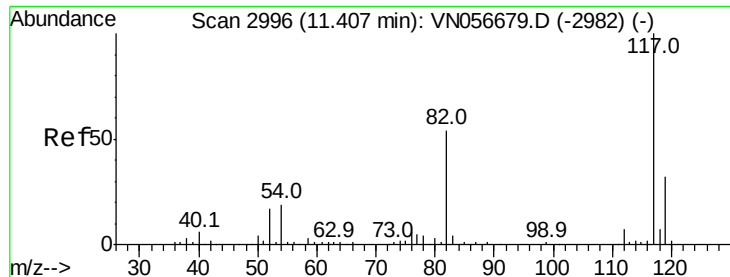
Tot Ion:114 Resp: 266383
 Ion Ratio Lower Upper
 114 100
 63 19.8 16.2 24.2
 88 15.2 12.3 18.5



#30
 2-Butanone
 Concen: 5.029 ug/l
 RT: 6.85 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: VN056805.D
 Acq: 18 Jul 2019 11:19

Tgt Ion: 43 Resp: 12330
 Ion Ratio Lower Upper
 43 100
 57 2.6 6.6 10.0#
 72 25.1 21.3 31.9

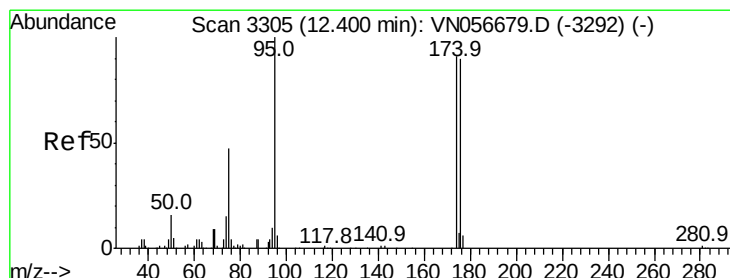
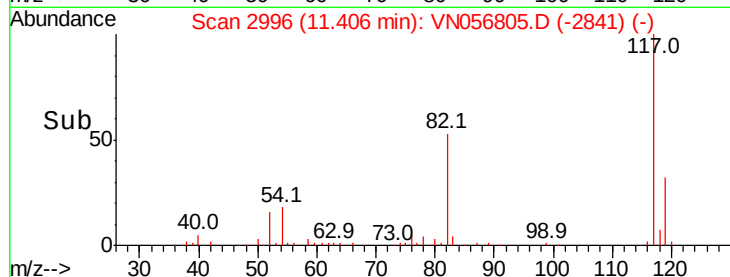
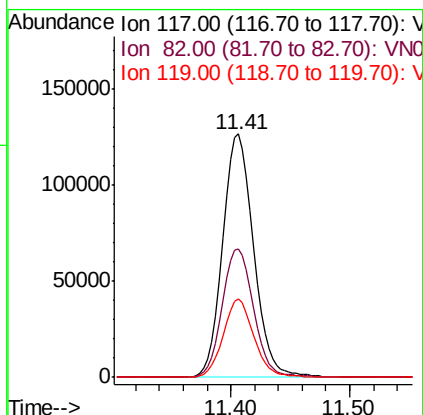
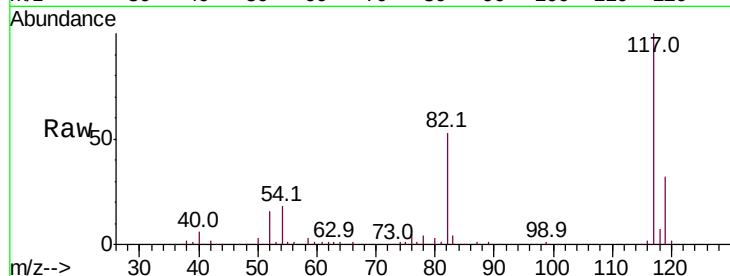




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056805.D
Acq: 18 Jul 2019 11:19

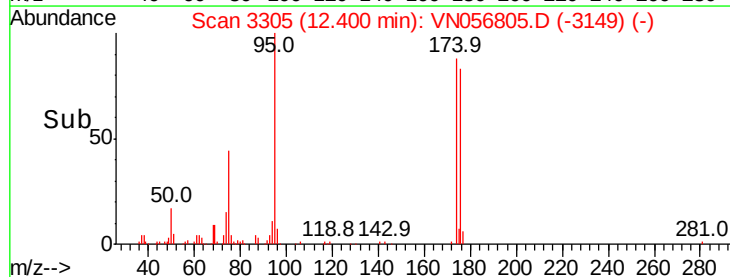
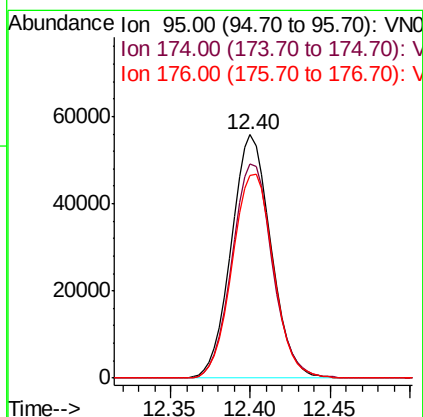
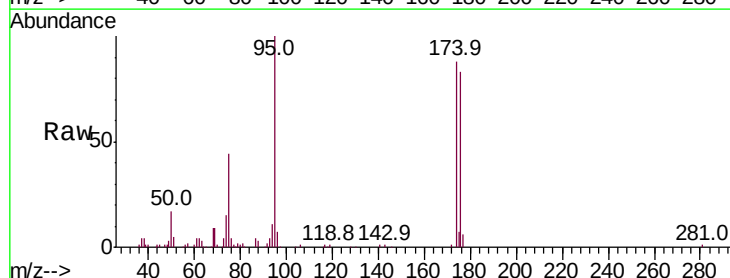
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

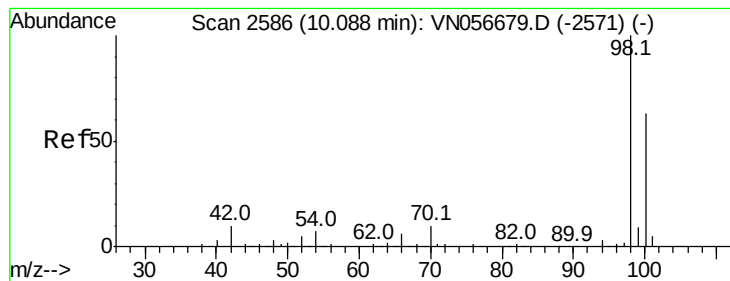
Tot Ion:117 Resp: 228464
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 31.9 26.0 39.0



#60
4-Bromofluorobenzene
Concen: 26.935 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056805.D
Acq: 18 Jul 2019 11:19

Tgt Ion: 95 Resp: 94179
Ion Ratio Lower Upper
95 100
174 89.8 72.6 108.8
176 87.1 71.0 106.6





#63

Toluene-d8

Concen: 30.687 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056805.D

Acq: 18 Jul 2019 11:19

Instrument :

MSVOA_N

ClientSampleId :

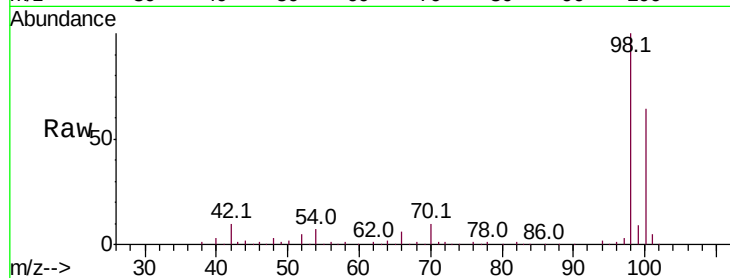
EFF-WW

Tot Ion: 98 Resp: 320333

Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN056679.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN056679.D (-2571) (-)

10.09

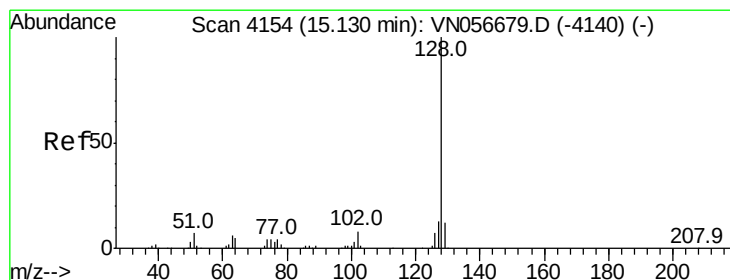
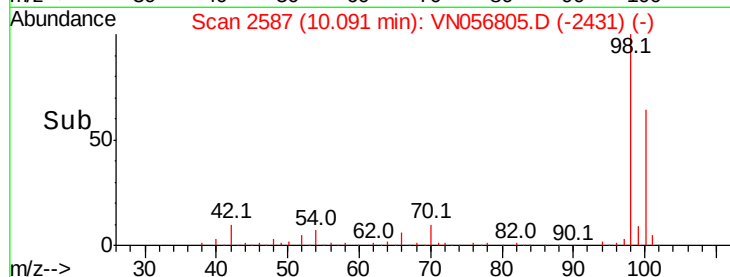
150000

100000

50000

0

Time-->



#91

Naphthalene

Concen: 0.625 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN056805.D

Acq: 18 Jul 2019 11:19

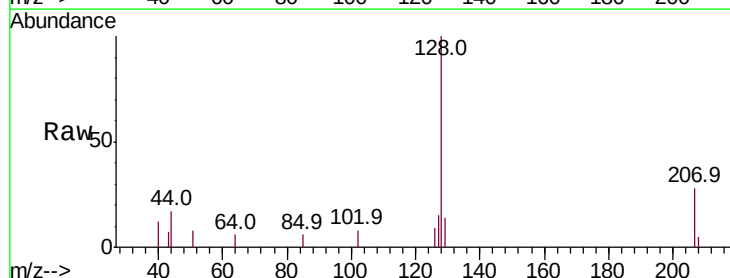
Tgt Ion: 128 Resp: 5543

Ion Ratio Lower Upper

128 100

127 11.5 10.4 15.6

129 8.0 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): VN056679.D (-4140) (-)

Ion 127.00 (126.70 to 127.70): VN056679.D (-4140) (-)

Ion 129.00 (128.70 to 129.70): VN056679.D (-4140) (-)

15.13

4000

3000

2000

1000

0

Time-->

