

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN041619\
 Data File : VN055074.D
 Acq On : 16 Apr 2019 13:22
 Operator : JC/SP
 Sample : K2408-02 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Quant Time: Apr 17 01:47:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 12 07:55:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	71481	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	376323	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	321737	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	164769	30.24	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.80%
60) 4-Bromofluorobenzene	12.40	95	121249	24.21	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	80.70%
63) Toluene-d8	10.09	98	469820	30.71	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.37%

Target Compounds

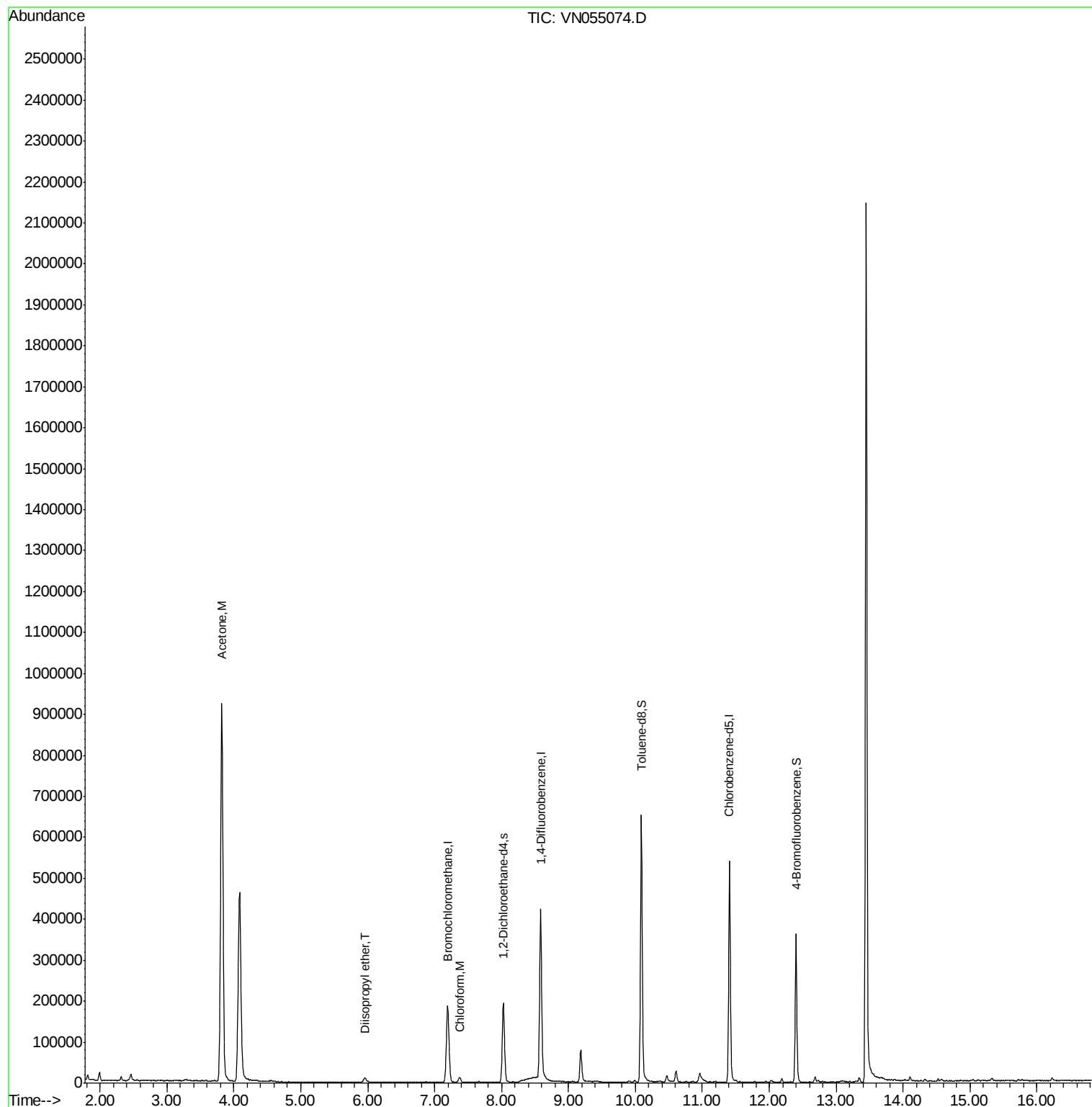
					Ovalue	
15) Acetone	3.82	58	410992	1039.157	ug/l	97
20) Diisopropyl ether	5.95	45	11994	0.758	ug/l #	85
25) Chloroform	7.37	83	12486	1.542	ug/l	94

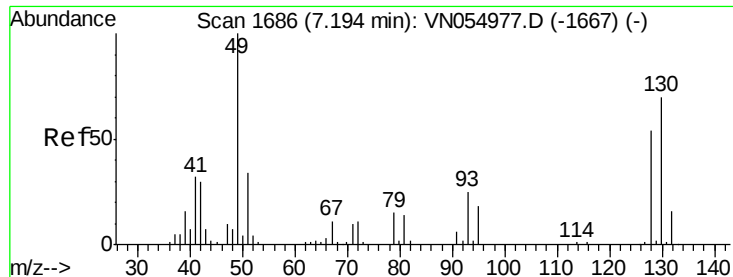
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 12 07:55:25 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN055074.D

Acq: 16 Apr 2019 13:22

Instrument :

MSVOA_N

ClientSampled :

EFF-WW

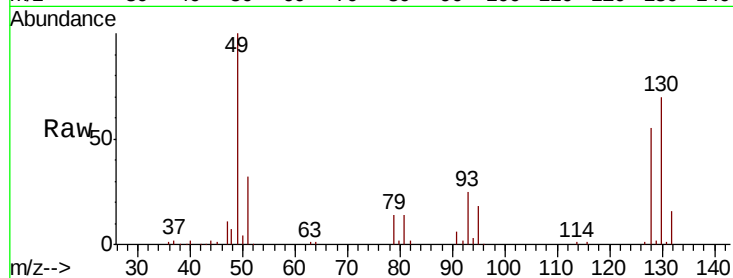
Tot Ion:128 Resp: 71481

Ion Ratio Lower Upper

128 100

49 185.3 0.0 480.3

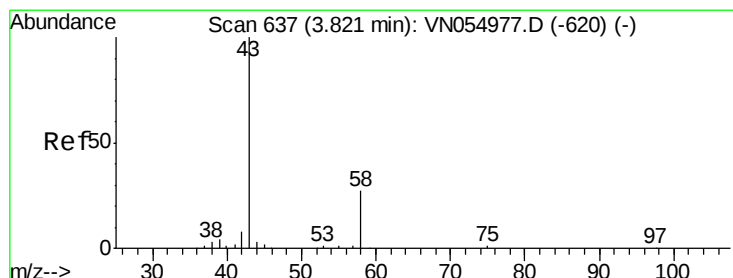
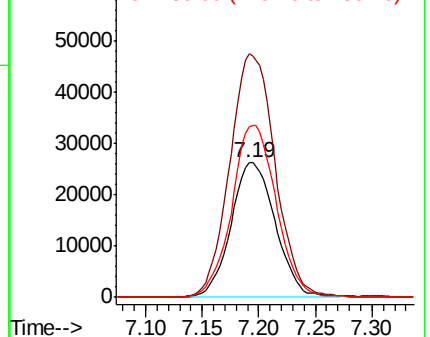
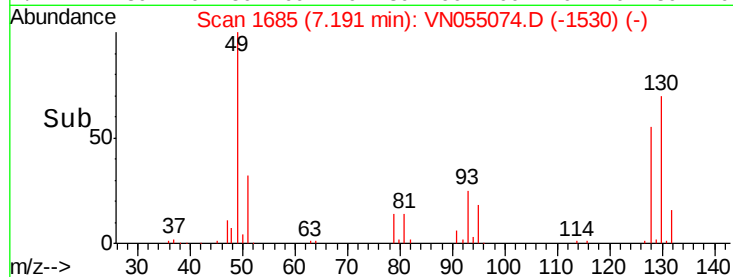
130 128.1 0.0 322.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 1039.157 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN055074.D

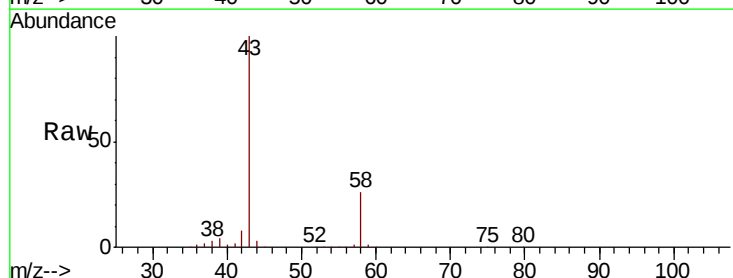
Acq: 16 Apr 2019 13:22

Tgt Ion: 58 Resp: 410992

Ion Ratio Lower Upper

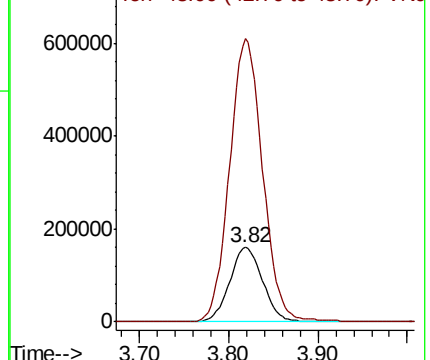
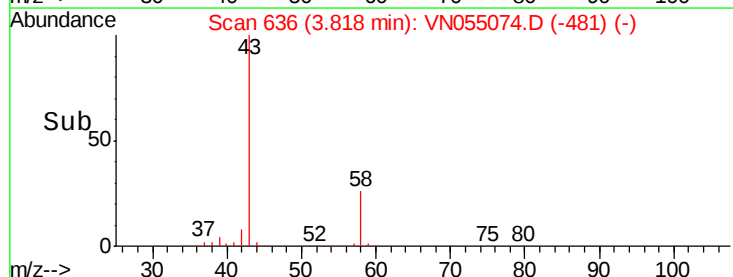
58 100

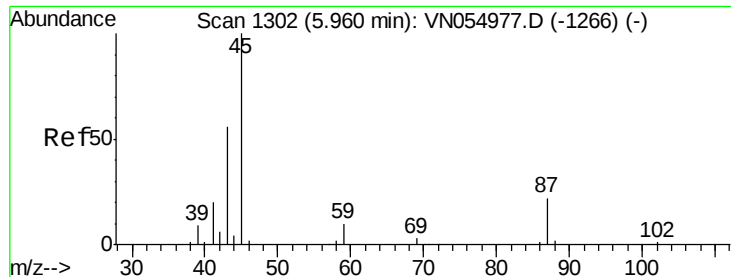
43 378.9 297.2 445.8



Abundance Ion 58.00 (57.70 to 58.70): VN

Ion 43.00 (42.70 to 43.70): VN

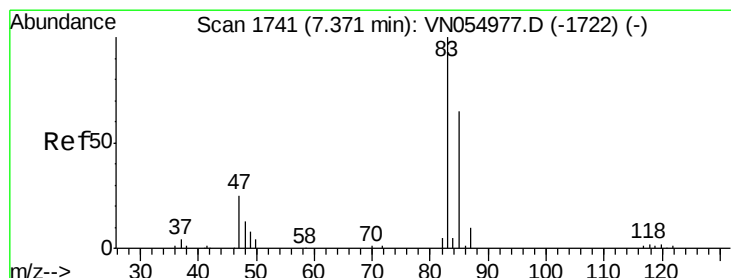
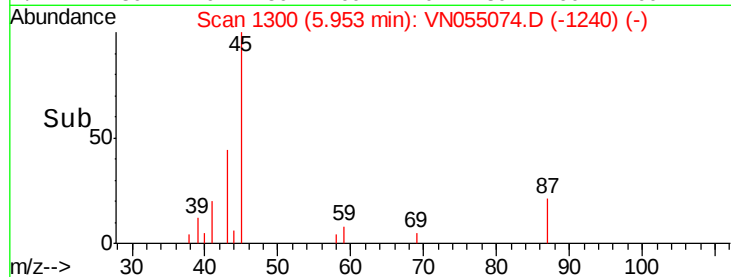
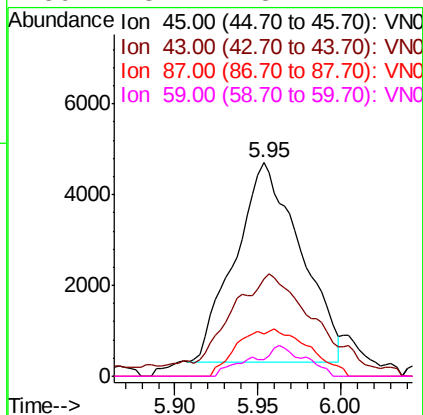
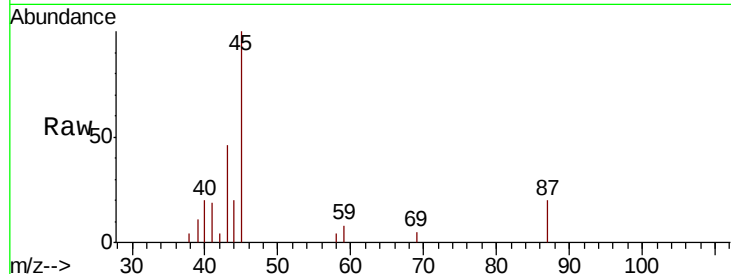




#20
Diisopropyl ether
Concen: 0.758 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.01 min
Lab File: VN055074.D
Acq: 16 Apr 2019 13:22

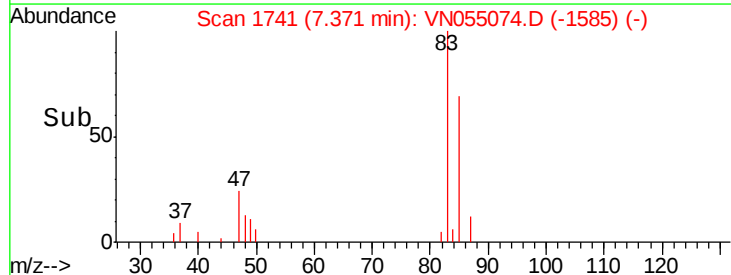
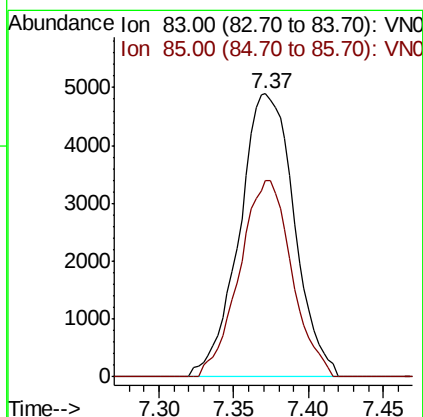
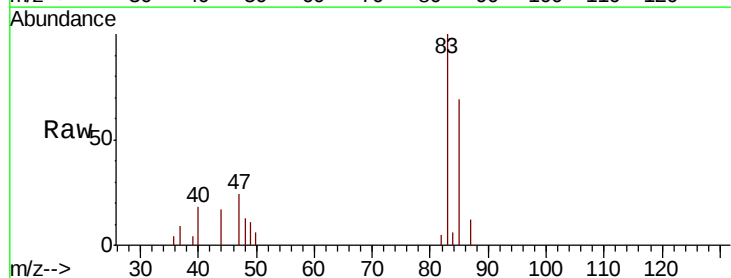
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

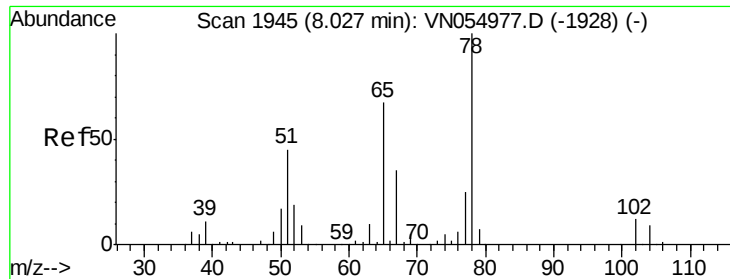
Tot Ion:	45	Resp:	11994
Ion	Ratio	Lower	Upper
45	100		
43	41.7	45.8	68.8#
87	21.4	18.2	27.4
59	8.2	8.2	12.2



#25
Chloroform
Concen: 1.542 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055074.D
Acq: 16 Apr 2019 13:22

Tgt Ion:	83	Resp:	12486
Ion	Ratio	Lower	Upper
83	100		
85	69.4	51.8	77.8

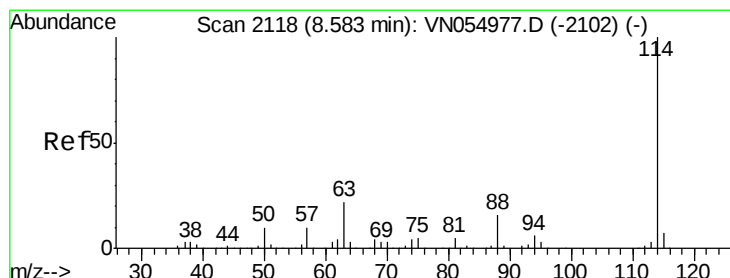
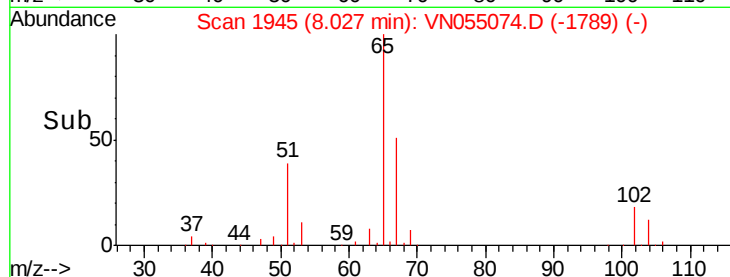
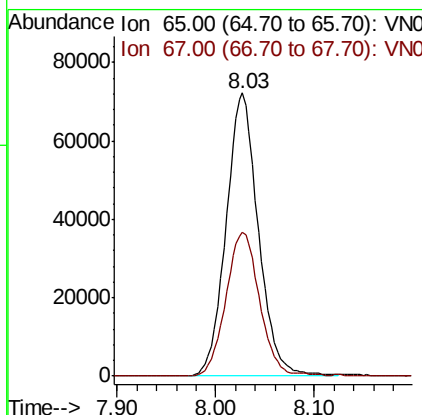
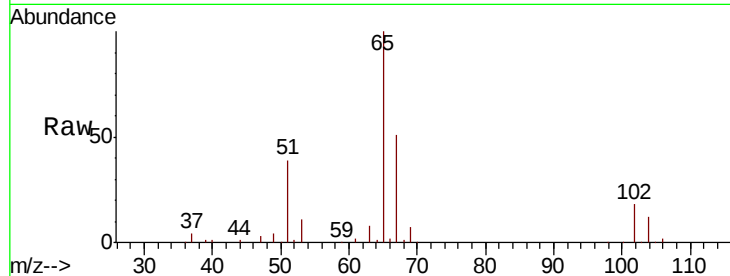




#27
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055074.D
 Acq: 16 Apr 2019 13:22

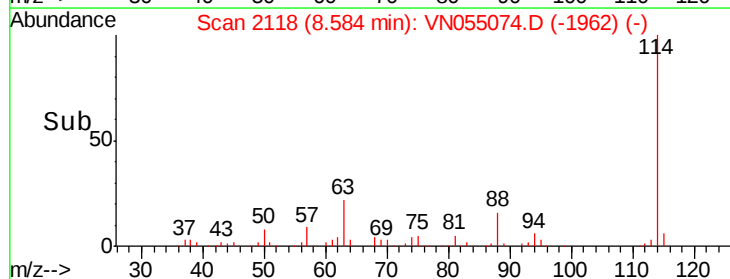
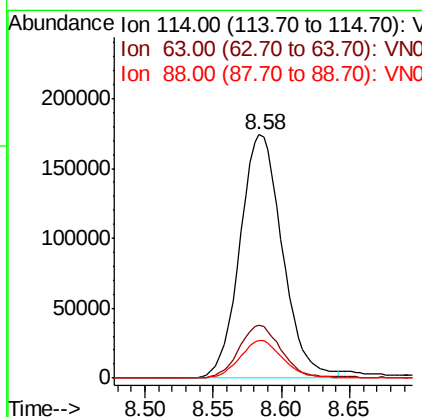
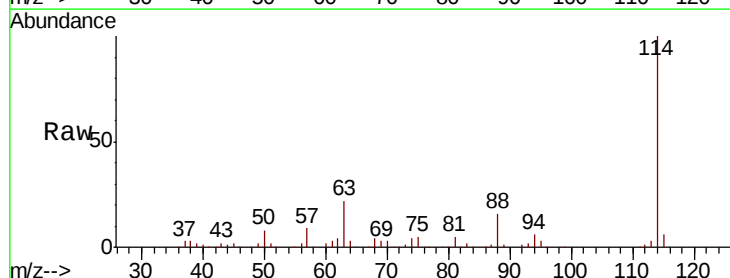
Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

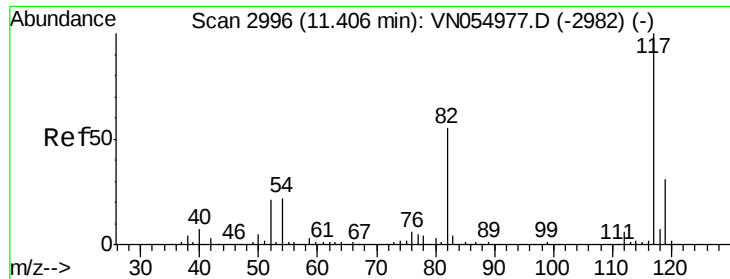
Tot Ion: 65 Resp: 164769
 Ion Ratio Lower Upper
 65 100
 67 52.6 41.8 62.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055074.D
 Acq: 16 Apr 2019 13:22

Tgt Ion: 114 Resp: 376323
 Ion Ratio Lower Upper
 114 100
 63 22.0 17.0 25.4
 88 15.6 12.3 18.5

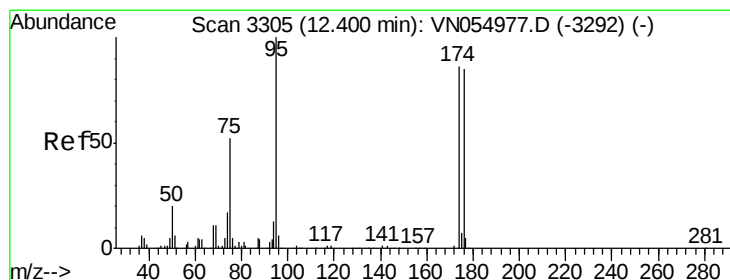
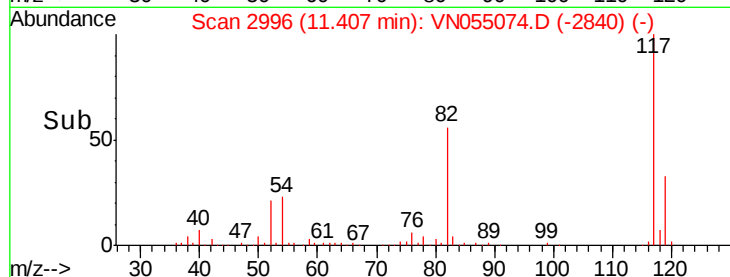
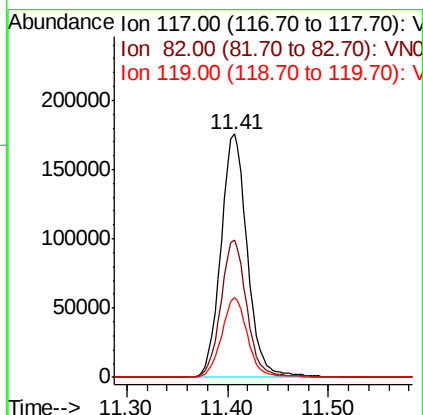
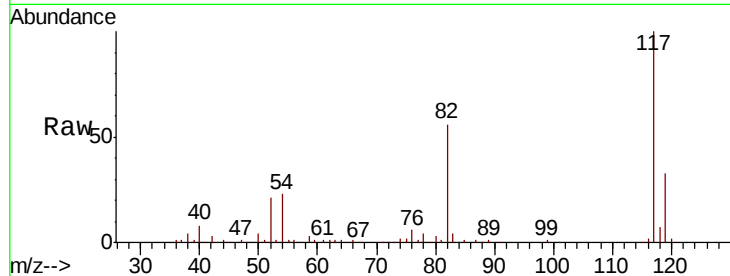




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055074.D
Acq: 16 Apr 2019 13:22

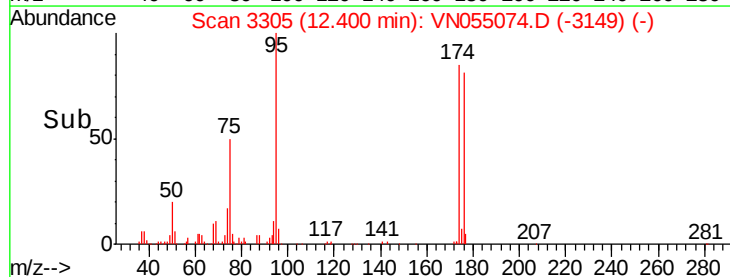
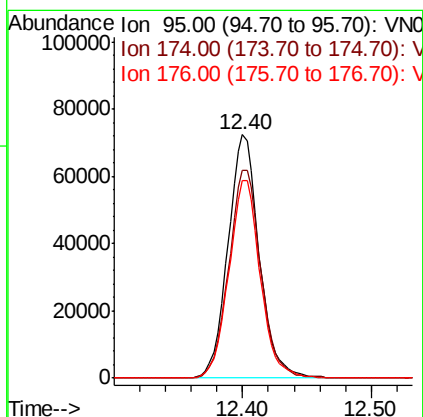
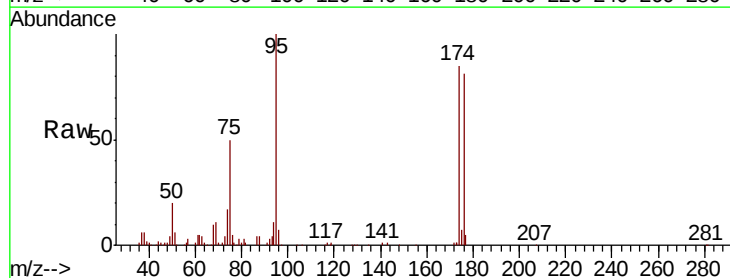
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

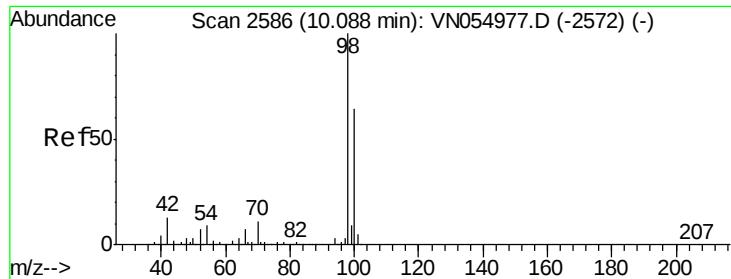
Tot Ion:117 Resp: 321737
Ion Ratio Lower Upper
117 100
82 55.5 45.2 67.8
119 31.8 25.4 38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055074.D
Acq: 16 Apr 2019 13:22

Tgt Ion: 95 Resp: 121249
Ion Ratio Lower Upper
95 100
174 88.0 69.4 104.2
176 81.9 67.4 101.2





#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN055074.D
Acq: 16 Apr 2019 13:22

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tot Ion: 98 Resp: 469820
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7

