

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056417.D
 Acq On : 21 Jun 2019 11:45
 Operator : JC/SP
 Sample : K3452-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-18

Quant Time: Jun 22 02:09:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	60972	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	327255	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	256498	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	125809	33.23	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	110.77%
60) 4-Bromofluorobenzene	12.40	95	84332	22.18	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	73.93%
63) Toluene-d8	10.09	98	381366	32.78	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	109.27%

Target Compounds

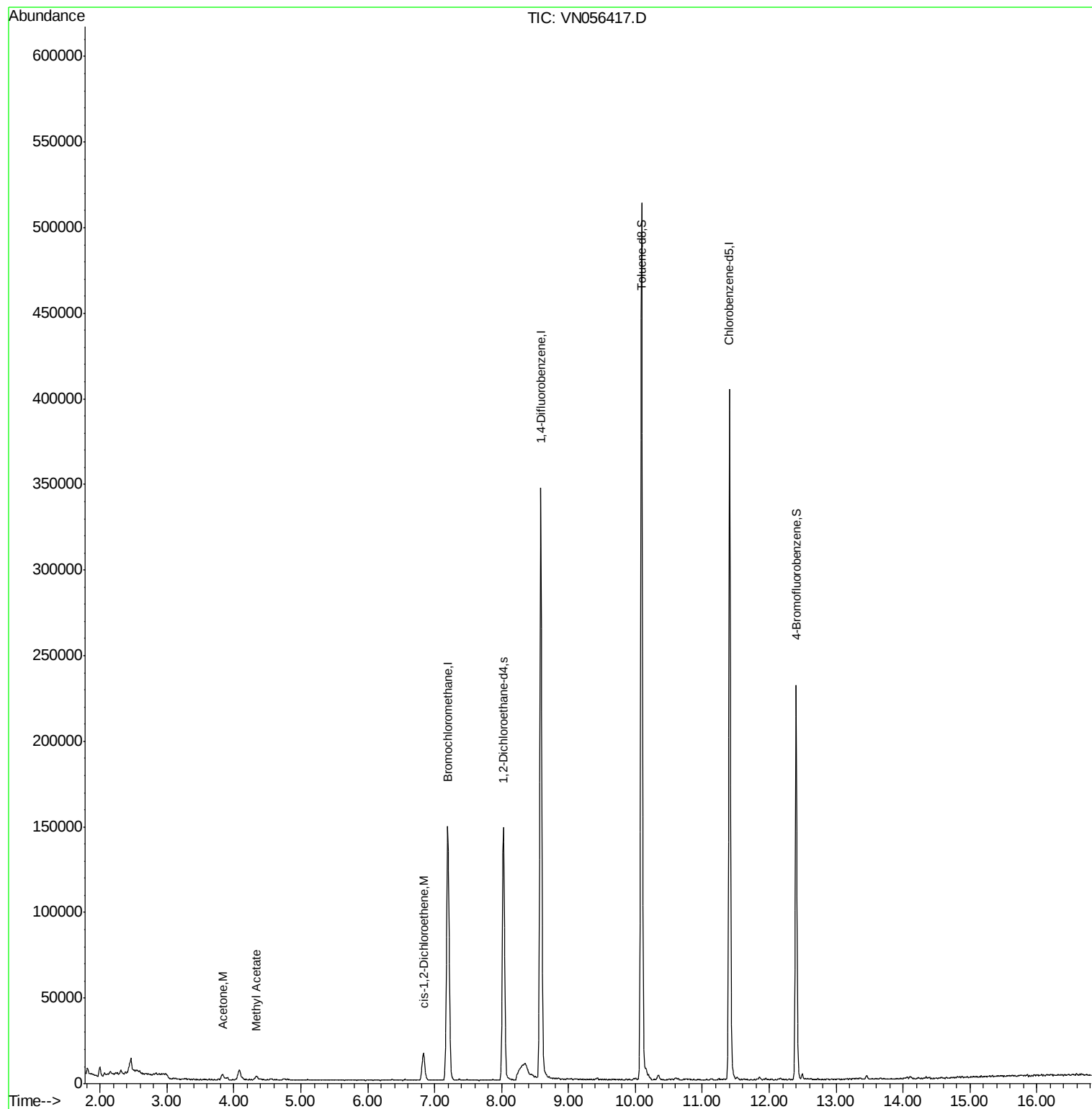
					Ovalue
12) Methyl Acetate	4.34	43	5221	1.365 ug/l	99
15) Acetone	3.82	58	1882	3.370 ug/l #	60
22) cis-1,2-Dichloroethene	6.83	96	10744	2.710 ug/l	94

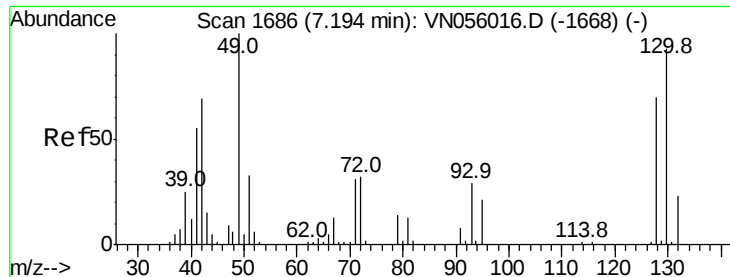
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 06 04:02:53 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056417.D

Acq: 21 Jun 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

55-ST-18

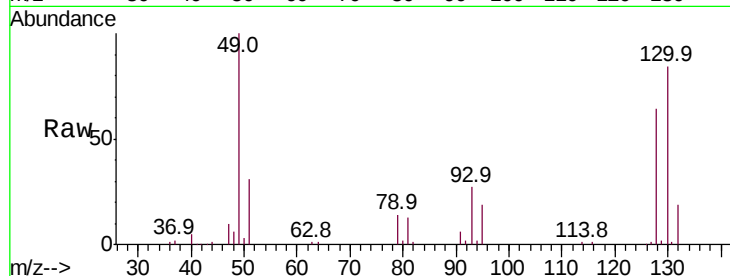
Tot Ion:128 Resp: 60972

Ion Ratio Lower Upper

128 100

49 155.9 0.0 355.8

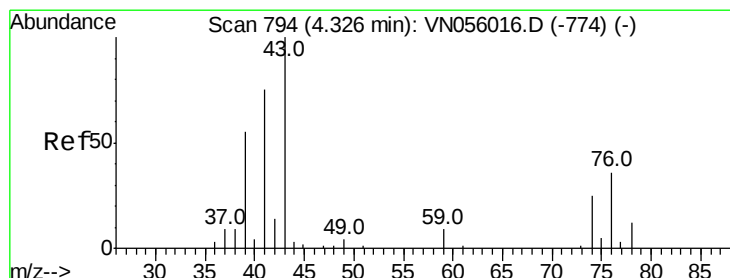
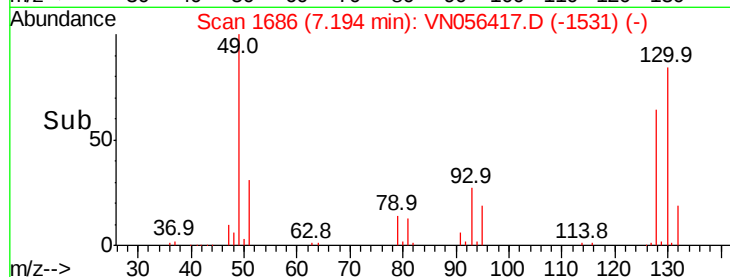
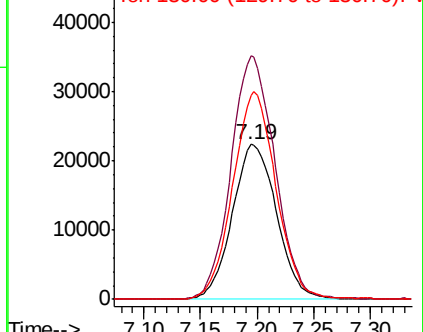
130 130.8 0.0 326.3



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



#12

Methyl Acetate

Concen: 1.365 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN056417.D

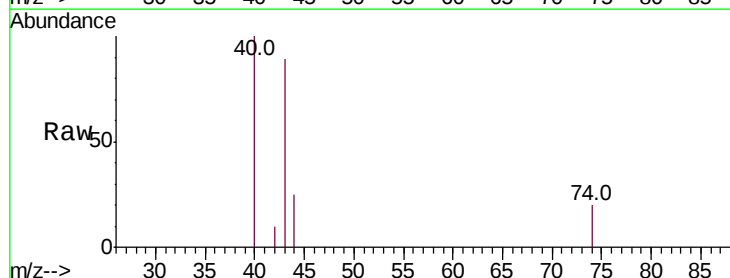
Acq: 21 Jun 2019 11:45

Tgt Ion: 43 Resp: 5221

Ion Ratio Lower Upper

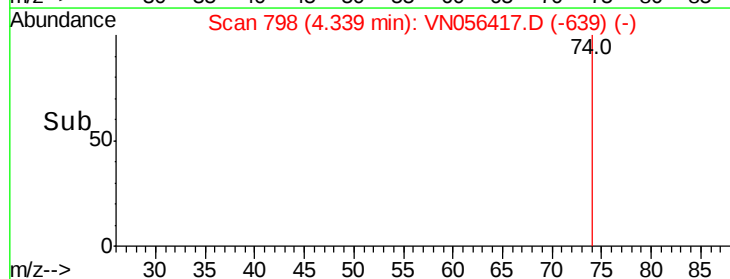
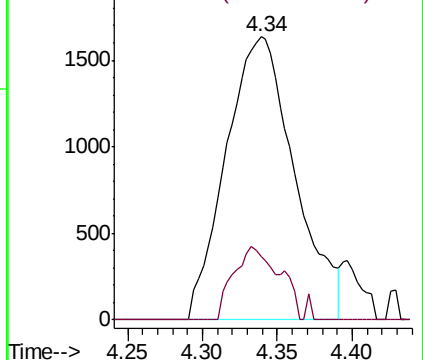
43 100

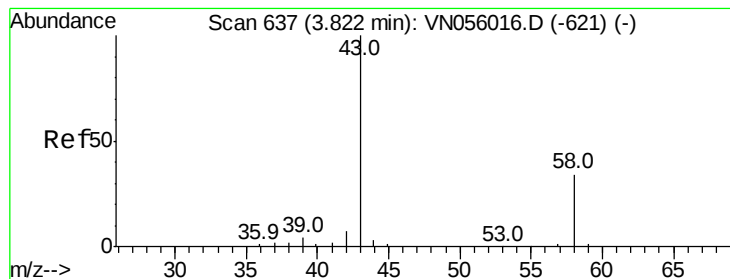
74 24.5 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#15

Acetone

Concen: 3.370 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN056417.D

Acq: 21 Jun 2019 11:45

Instrument :

MSVOA_N

ClientSampled :

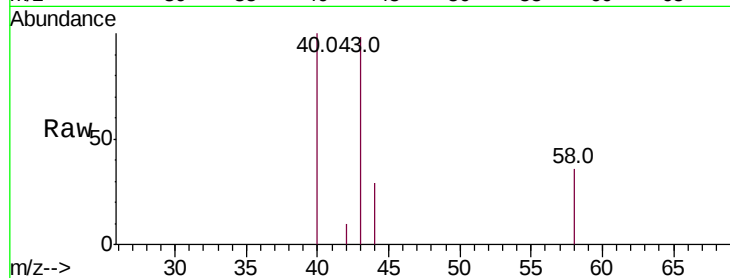
55-ST-18

Tot Ion: 58 Resp: 1882

Ion Ratio Lower Upper

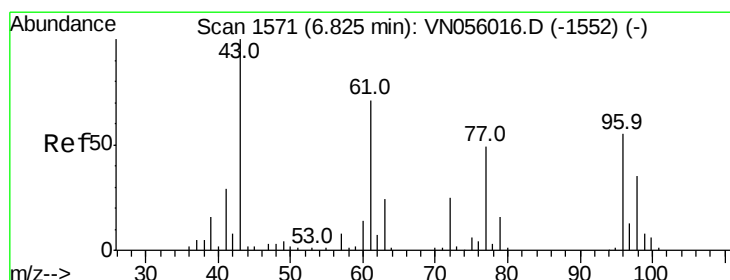
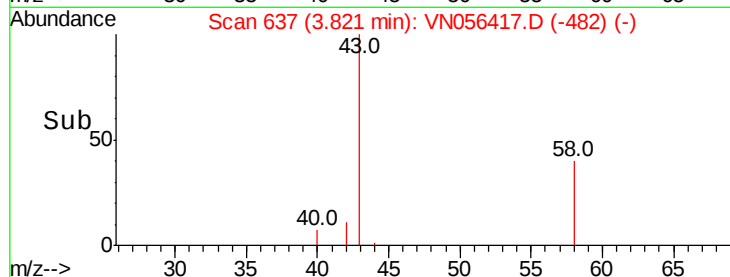
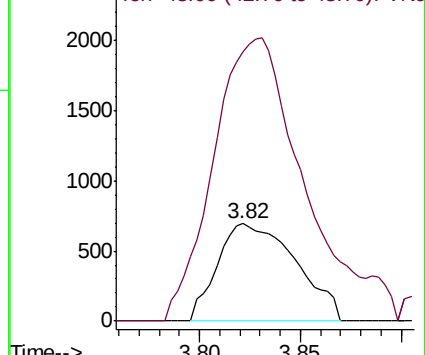
58 100

43 213.8 232.5 348.7#



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#22

cis-1,2-Dichloroethene

Concen: 2.710 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN056417.D

Acq: 21 Jun 2019 11:45

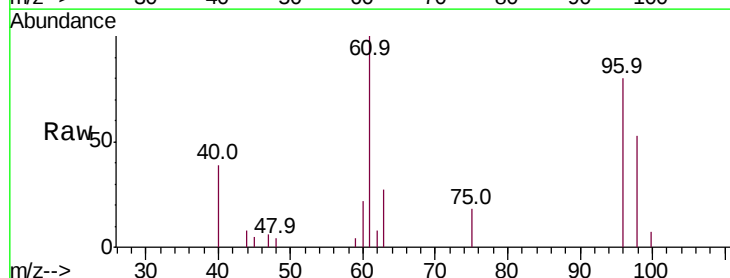
Tgt Ion: 96 Resp: 10744

Ion Ratio Lower Upper

96 100

61 122.2 105.7 158.5

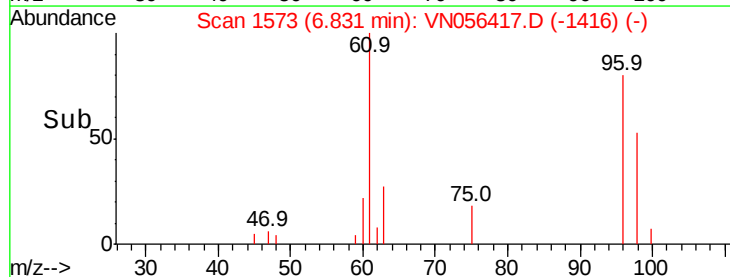
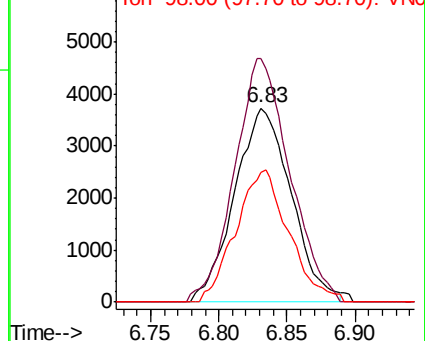
98 63.8 52.0 78.0

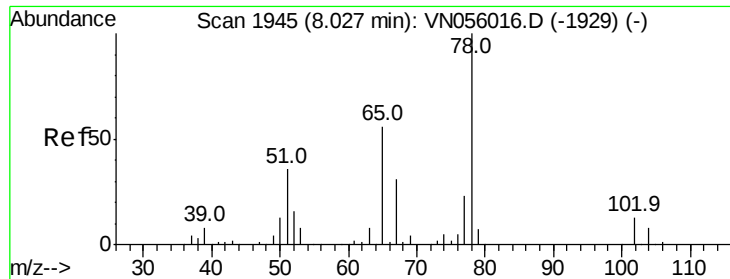


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#27

1,2-Dichloroethane-d4

Concen: 33.227 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056417.D

Acq: 21 Jun 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

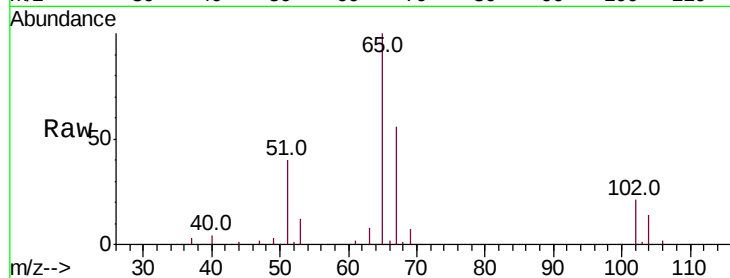
55-ST-18

Tot Ion: 65 Resp: 125809

Ion Ratio Lower Upper

65 100

67 55.2 43.4 65.2



Abundance Ion 65.00 (64.70 to 65.70): VN056417.D (-1929) (-)

Ion 67.00 (66.70 to 67.70): VN056417.D (-1929) (-)

8.03

60000

50000

40000

30000

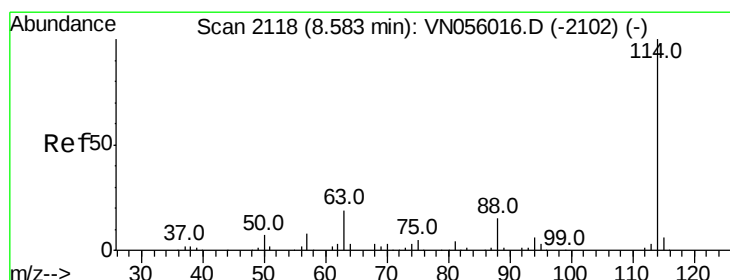
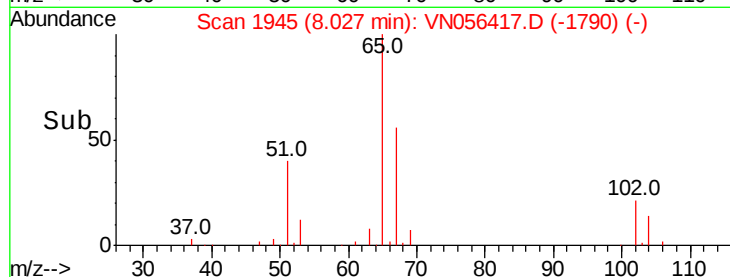
20000

10000

0

7.95 8.00 8.05 8.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056417.D

Acq: 21 Jun 2019 11:45

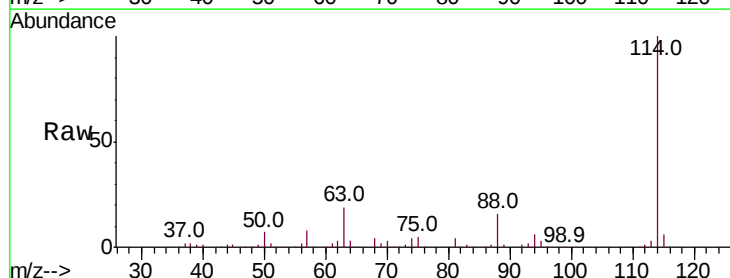
Tgt Ion: 114 Resp: 327255

Ion Ratio Lower Upper

114 100

63 19.2 14.7 22.1

88 15.0 11.9 17.9



Abundance Ion 114.00 (113.70 to 114.70): VN056417.D (-2102) (-)

Ion 63.00 (62.70 to 63.70): VN056417.D (-2102) (-)

Ion 88.00 (87.70 to 88.70): VN056417.D (-2102) (-)

8.59

200000

150000

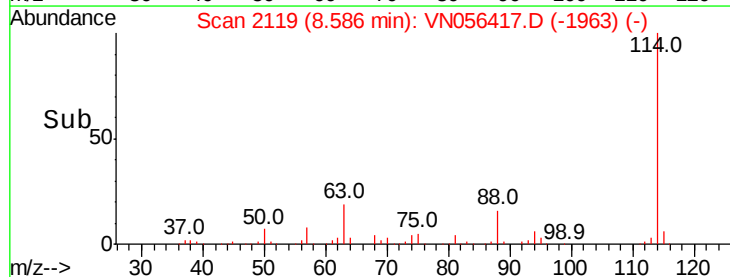
100000

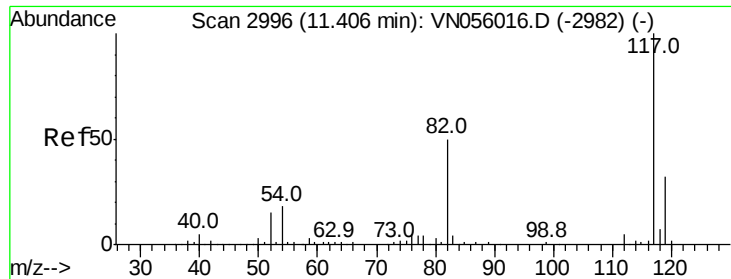
50000

0

8.50 8.60 8.70

Time-->

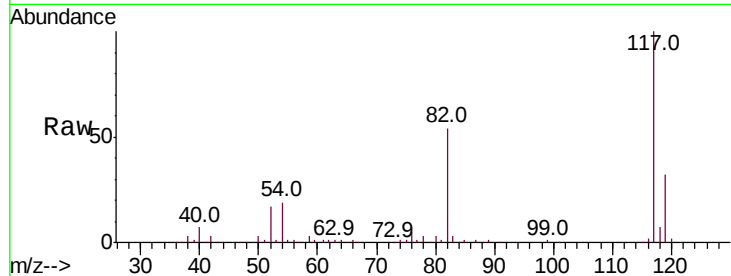




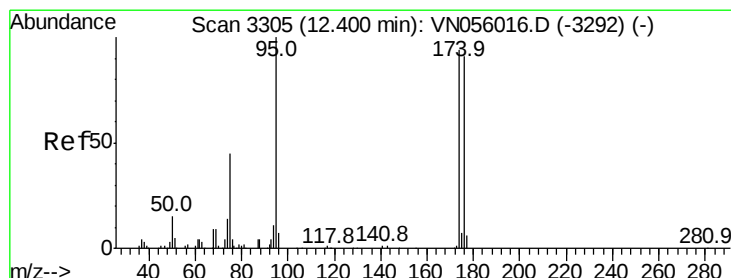
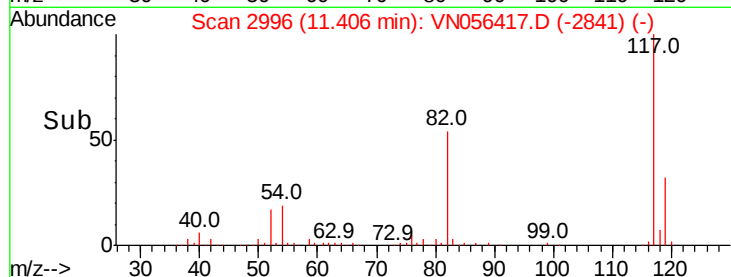
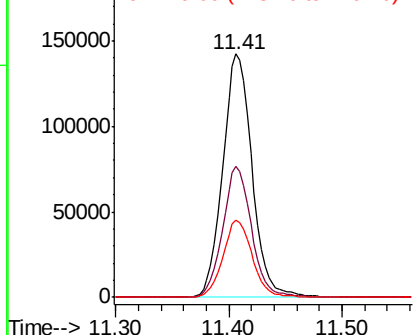
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056417.D
Acq: 21 Jun 2019 11:45

Instrument :
MSVOA_N
ClientSampled :
55-ST-18

Tot Ion:117 Resp: 256498
Ion Ratio Lower Upper
117 100
82 53.0 41.2 61.8
119 31.7 26.2 39.2

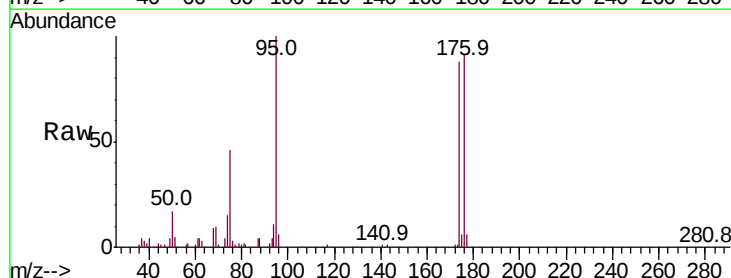


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

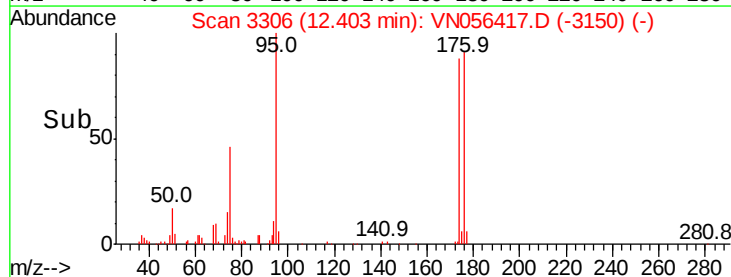
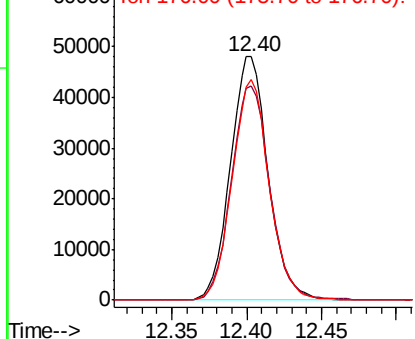


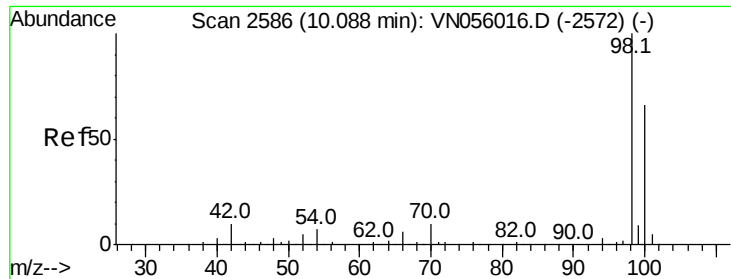
#60
4-Bromofluorobenzene
Concen: 22.182 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN056417.D
Acq: 21 Jun 2019 11:45

Tgt Ion: 95 Resp: 84332
Ion Ratio Lower Upper
95 100
174 89.4 75.4 113.0
176 88.9 73.9 110.9



Abundance Ion 95.00 (94.70 to 95.70): VN
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#63

Toluene-d8

Concen: 32.776 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056417.D

Acq: 21 Jun 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

55-ST-18

Tot Ion: 98 Resp: 381366

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.4

