

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056096.D
 Acq On : 7 Jun 2019 13:41
 Operator : JC/SP
 Sample : K3196-02 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

Quant Time: Jun 08 06:14:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

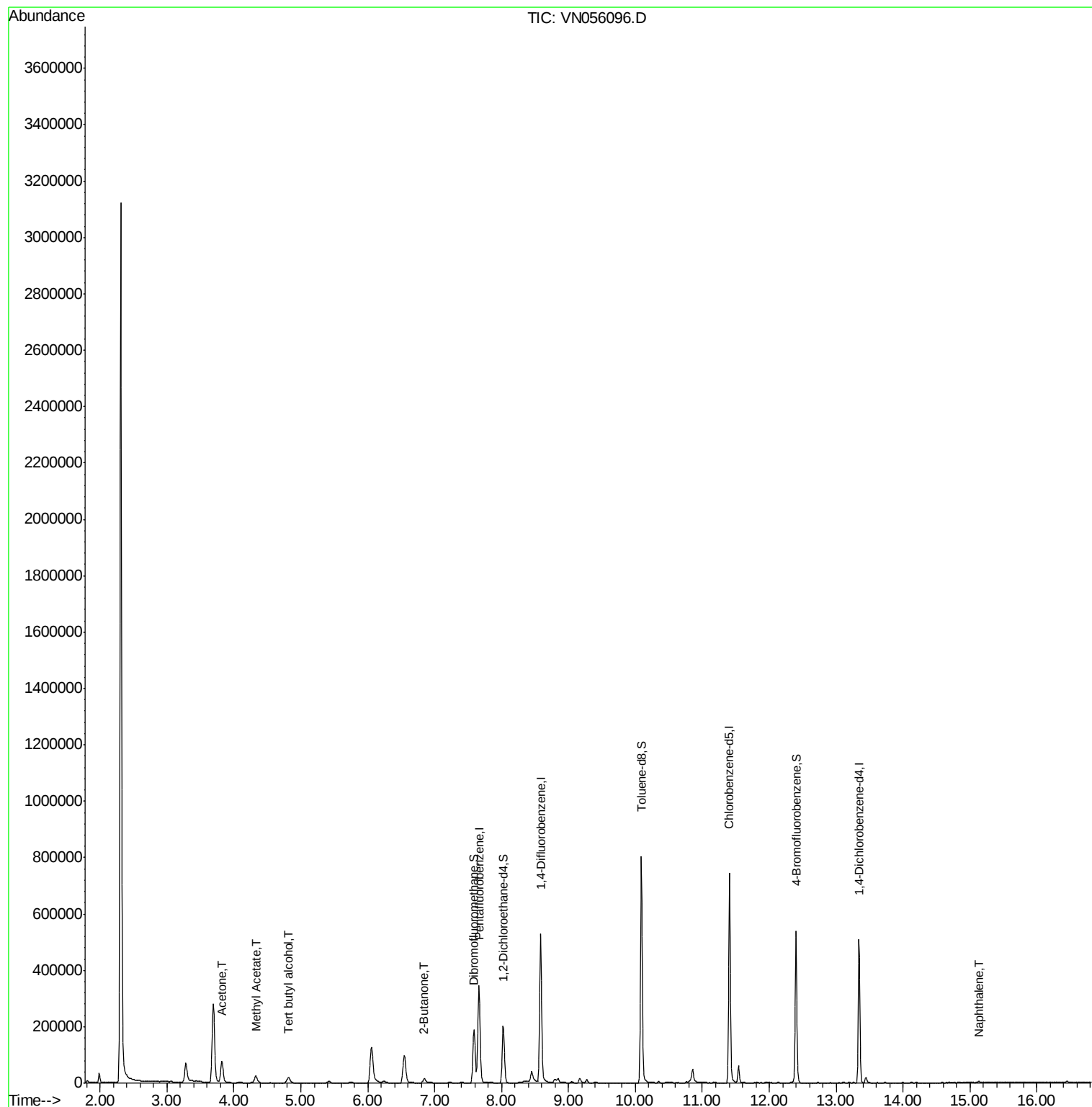
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	333606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	505157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	480390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	163790	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
35) Dibromofluoromethane	7.59	113	145522	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
50) Toluene-d8	10.09	98	603013	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.40	95	193049	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.81	59	33862	58.744	ug/l	99
16) Acetone	3.82	43	126536	79.872	ug/l	97
18) Methyl Acetate	4.33	43	45858	14.324	ug/l	100
25) 2-Butanone	6.85	43	28033	14.005	ug/l	94
95) Naphthalene	15.14	128	5306	4.505	ug/l #	93

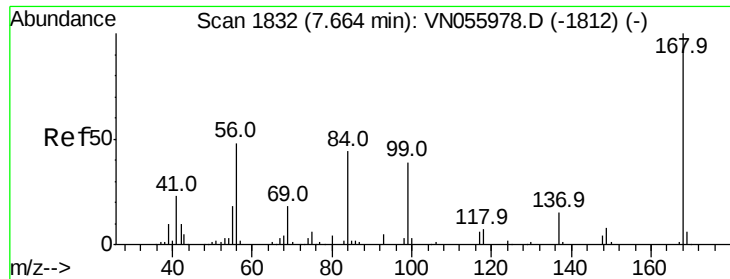
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060819\
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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

Instrument :

MSVOA_N

ClientSampled :

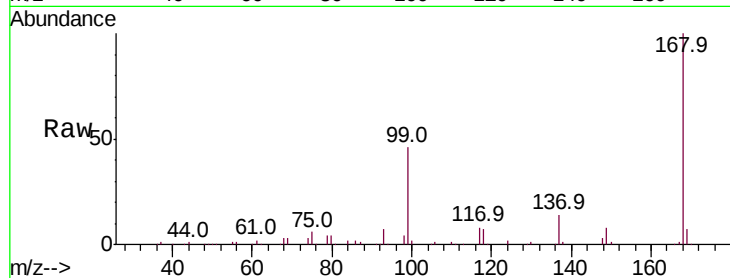
COMP-2

Tot Ion:168 Resp: 333606

Ion Ratio Lower Upper

168 100

99 46.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

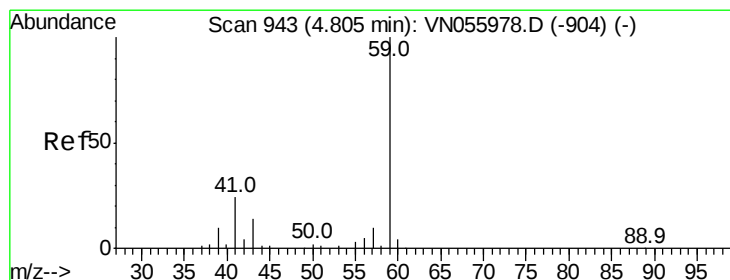
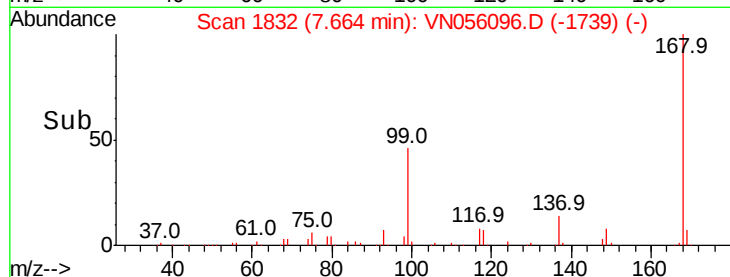
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 58.744 ug/l

RT: 4.81 min Scan# 945

Delta R.T. 0.01 min

Lab File: VN056096.D

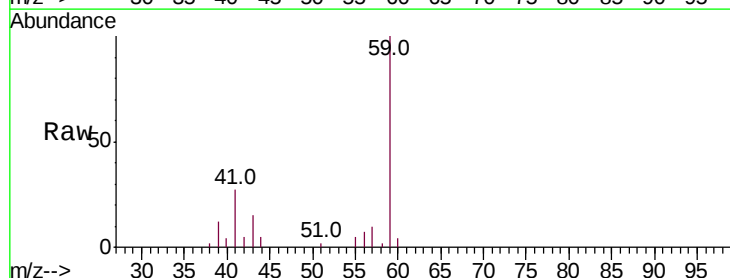
Acq: 7 Jun 2019 13:41

Tgt Ion: 59 Resp: 33862

Ion Ratio Lower Upper

59 100

57 10.2 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VN055978.D (-904) (-)

Ion 57.00 (56.70 to 57.70): VN055978.D (-904) (-)

4.81

10000

8000

6000

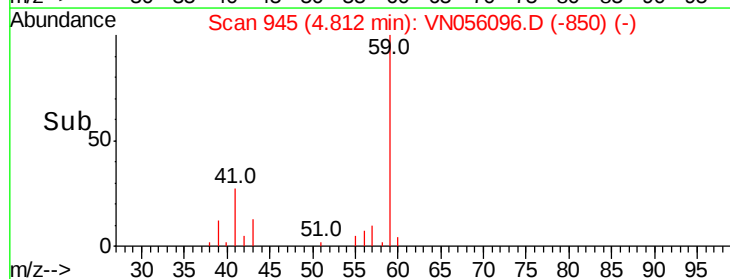
4000

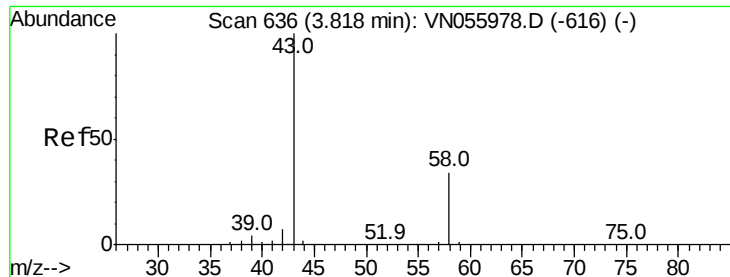
2000

0

4.70 4.80 4.90

Time-->





#16

Acetone

Concen: 79.872 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

Instrument :

MSVOA_N

ClientSampleId :

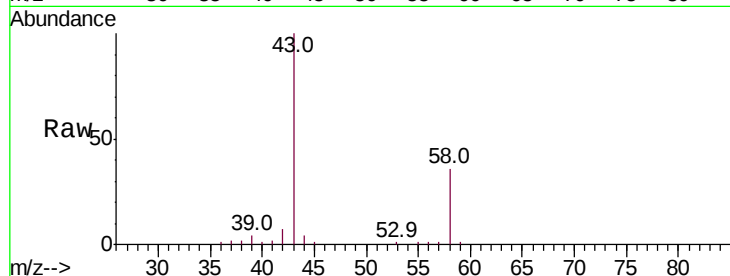
COMP-2

Tot Ion: 43 Resp: 126536

Ion Ratio Lower Upper

43 100

58 34.9 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)

200000

150000

100000

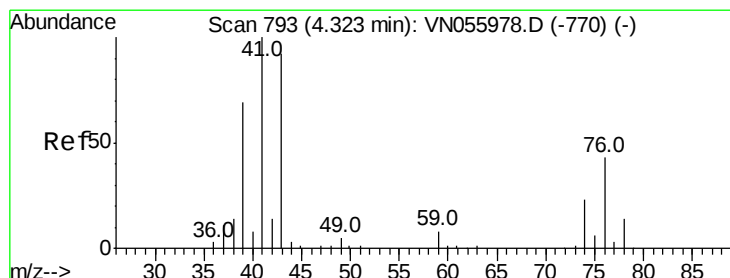
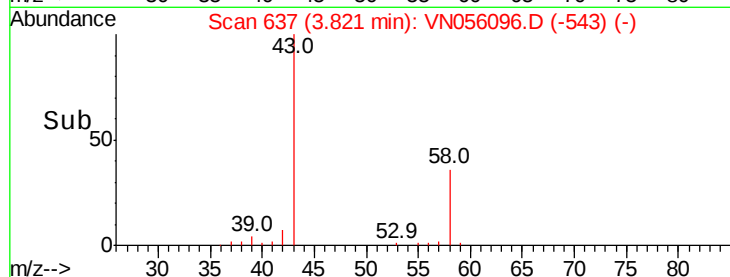
50000

0

3.70 3.80 3.90 4.00

3.82

Time-->



#18

Methyl Acetate

Concen: 14.324 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN056096.D

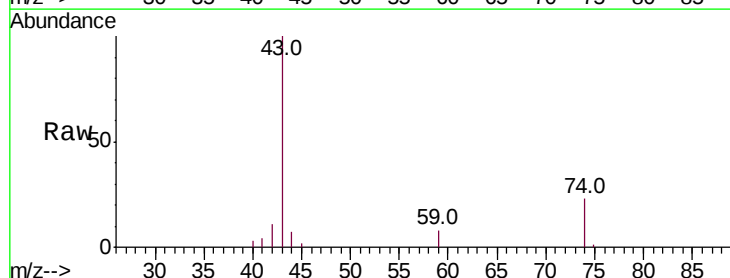
Acq: 7 Jun 2019 13:41

Tgt Ion: 43 Resp: 45858

Ion Ratio Lower Upper

43 100

74 24.1 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-770) (-)

Ion 74.00 (73.70 to 74.70): VN055978.D (-770) (-)

15000

10000

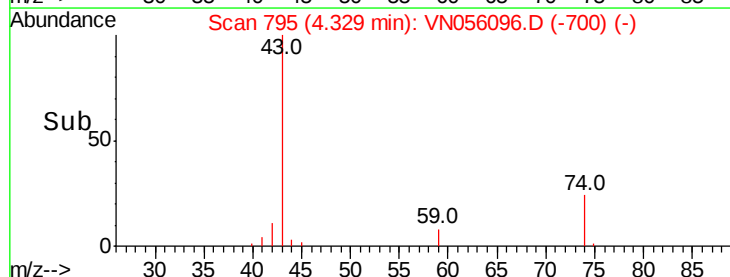
5000

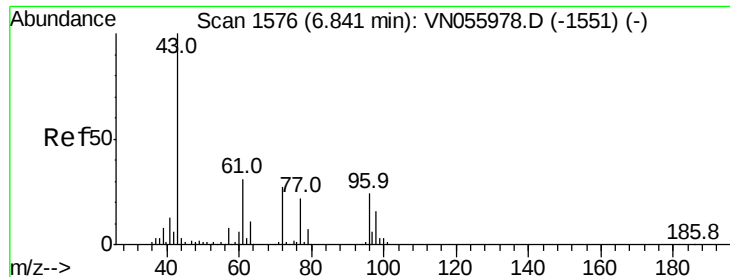
0

4.20 4.30 4.40 4.50

4.33

Time-->





#25

2-Butanone

Concen: 14.005 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

Instrument :

MSVOA_N

ClientSampled :

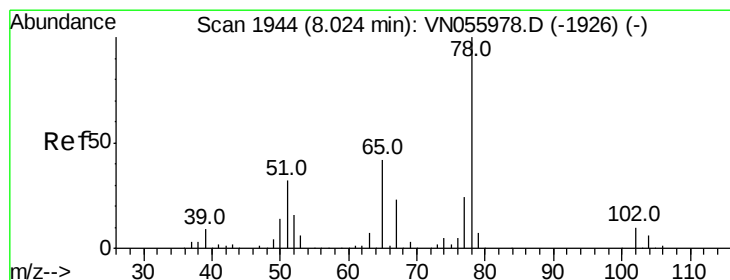
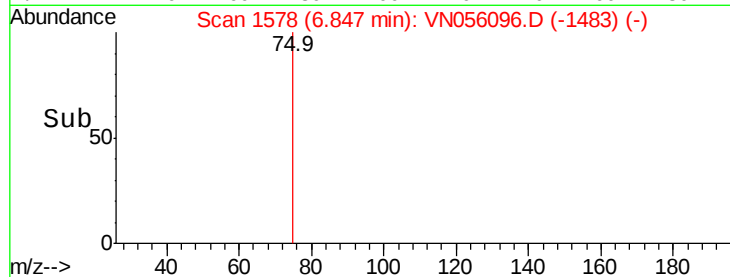
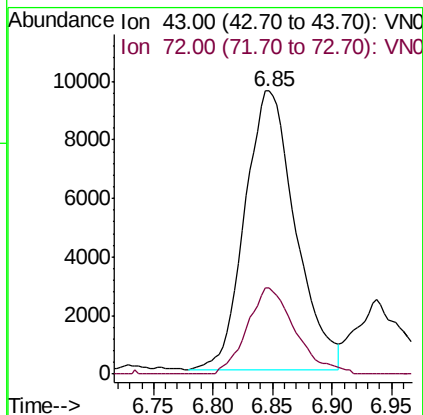
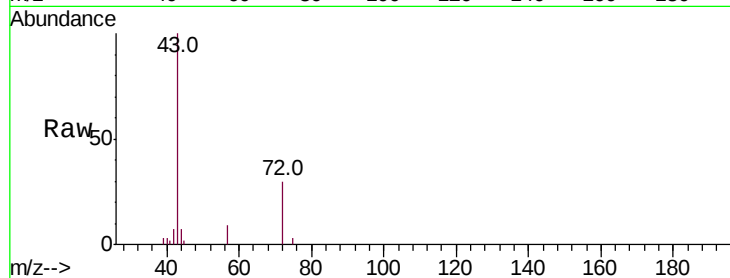
COMP-2

Tot Ion: 43 Resp: 28033

Ion Ratio Lower Upper

43 100

72 30.8 21.9 32.9



#33

1,2-Dichloroethane-d4

Concen: 49.447 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056096.D

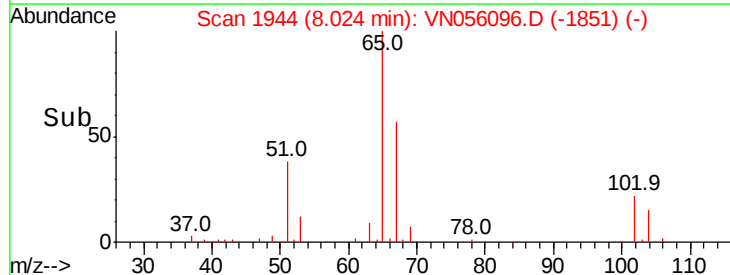
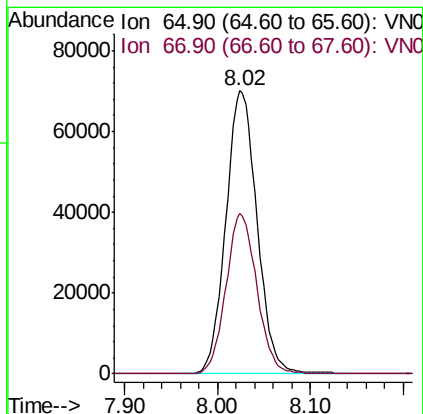
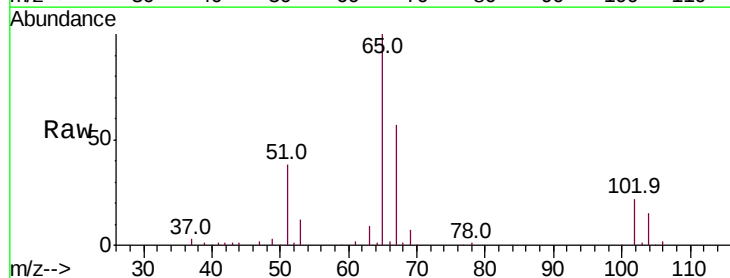
Acq: 7 Jun 2019 13:41

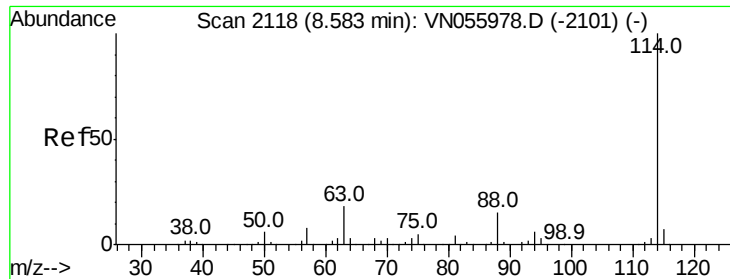
Tgt Ion: 65 Resp: 163790

Ion Ratio Lower Upper

65 100

67 55.7 0.0 109.2

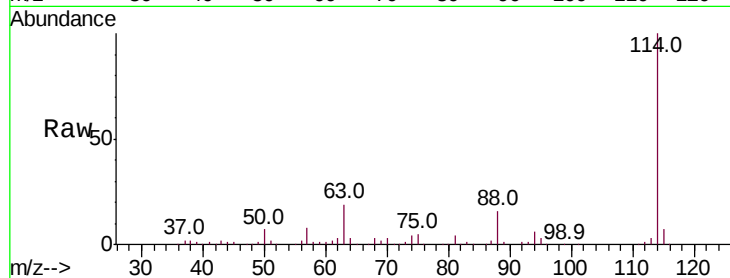




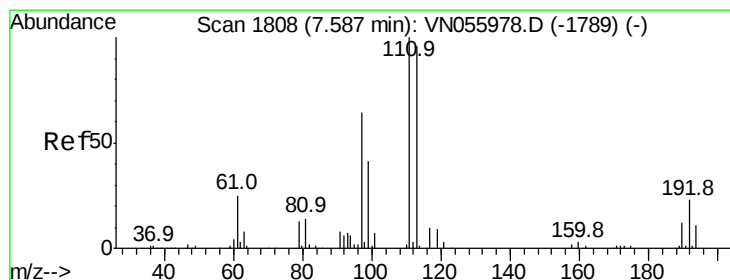
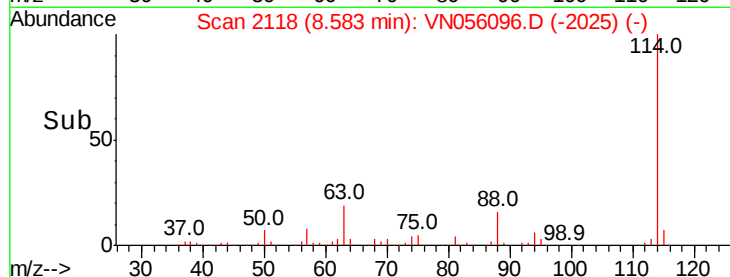
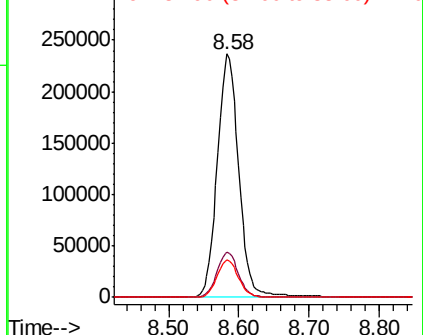
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056096.D
 Acq: 7 Jun 2019 13:41

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

Tot Ion:114 Resp: 505157
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.5 0.0 31.0

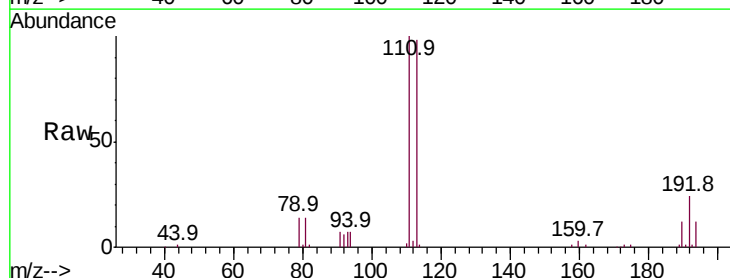


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

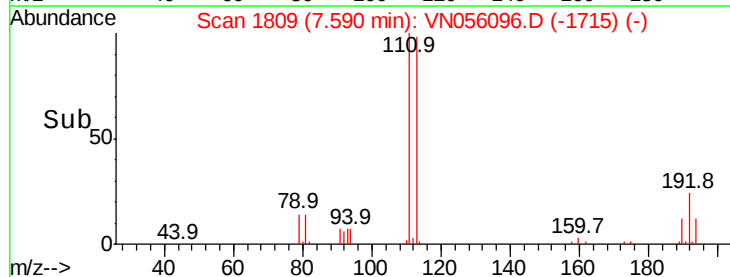
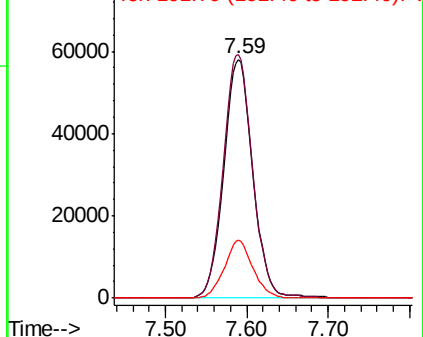


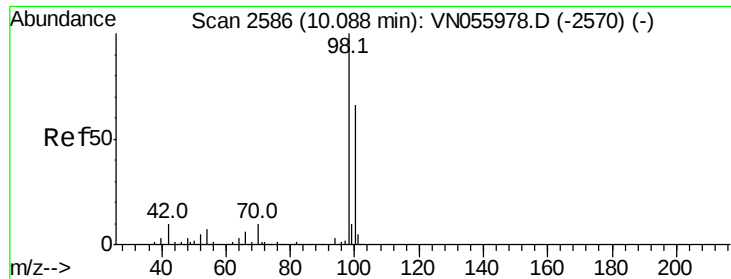
#35
 Dibromofluoromethane
 Concen: 46.953 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056096.D
 Acq: 7 Jun 2019 13:41

Tgt Ion:113 Resp: 145522
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.9 122.9
 192 23.7 19.5 29.3



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.562 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

Instrument :

MSVOA_N

ClientSampleId :

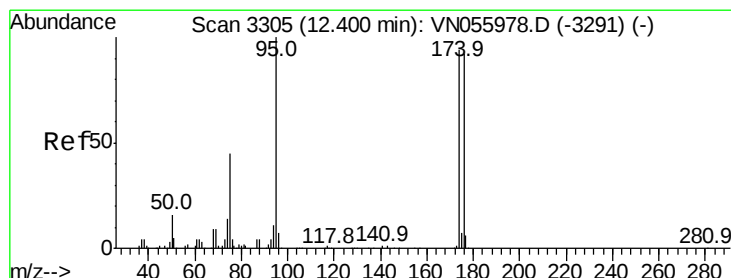
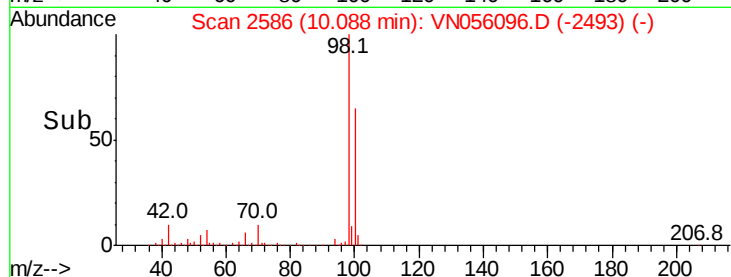
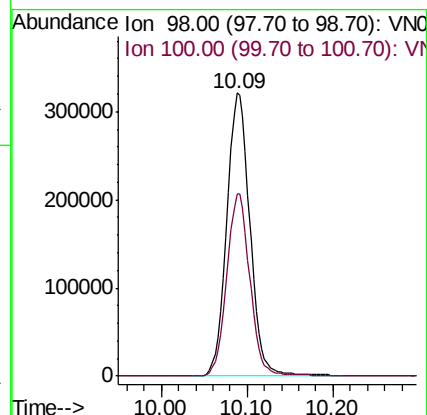
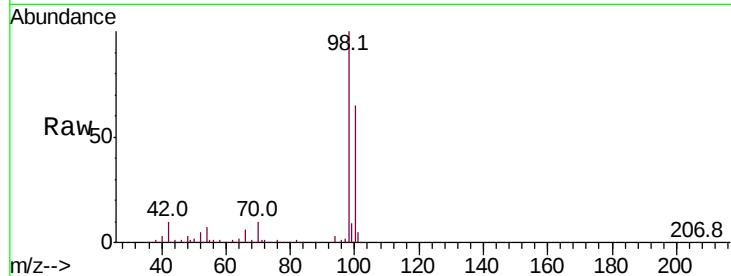
COMP-2

Tot Ion: 98 Resp: 603013

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 47.598 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

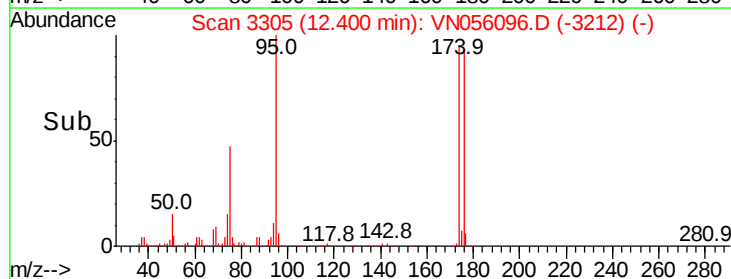
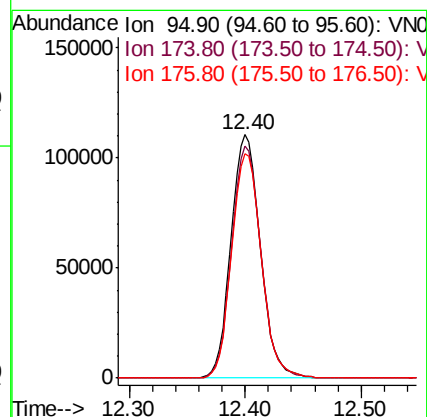
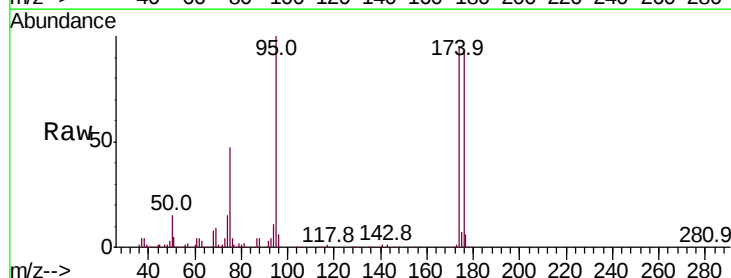
Tgt Ion: 95 Resp: 193049

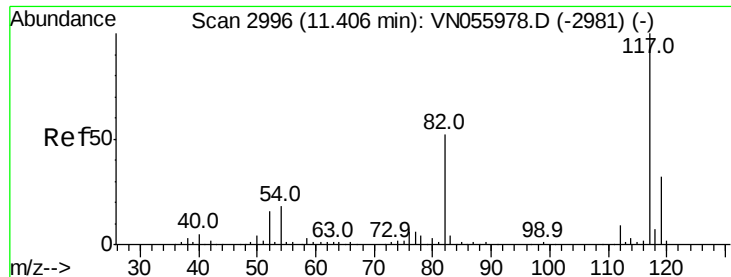
Ion Ratio Lower Upper

95 100

174 95.0 0.0 191.0

176 93.0 0.0 185.2

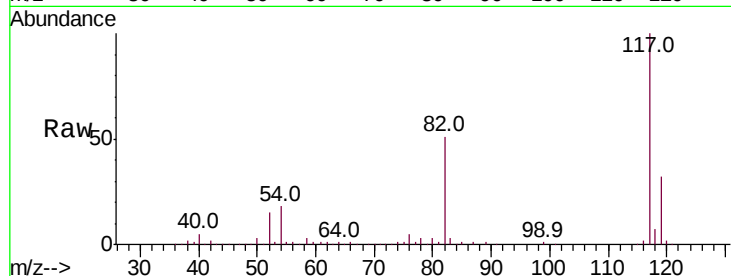




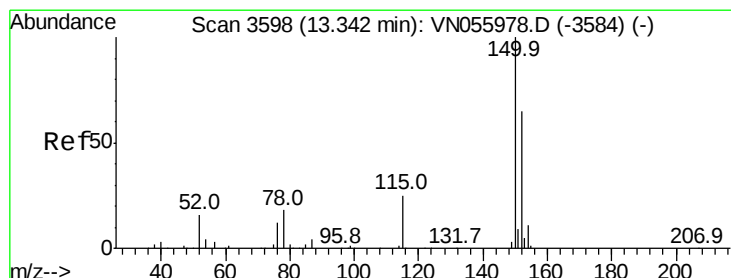
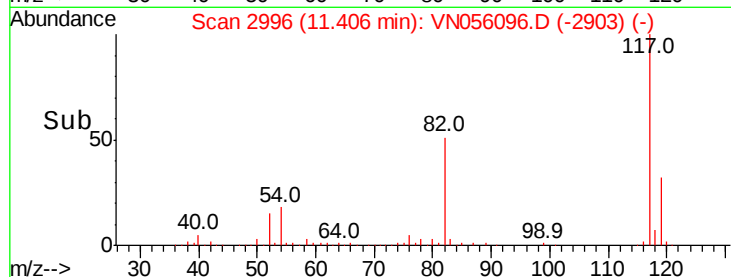
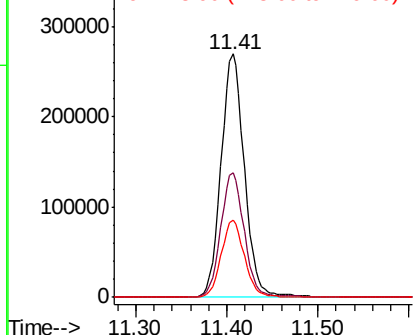
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056096.D
Acq: 7 Jun 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tot Ion:117 Resp: 480390
Ion Ratio Lower Upper
117 100
82 51.2 41.8 62.8
119 31.5 25.4 38.0

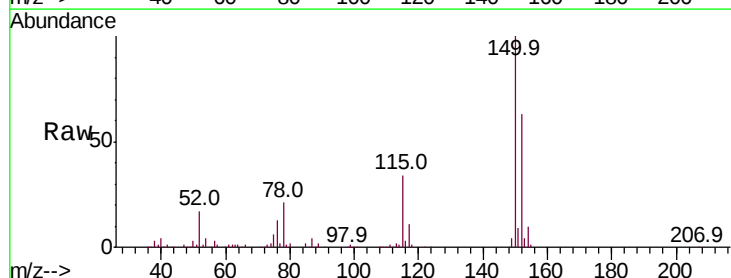


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

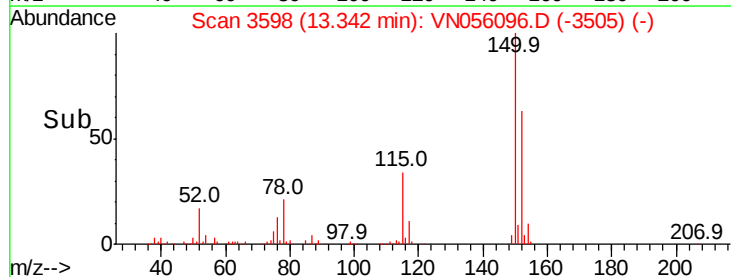
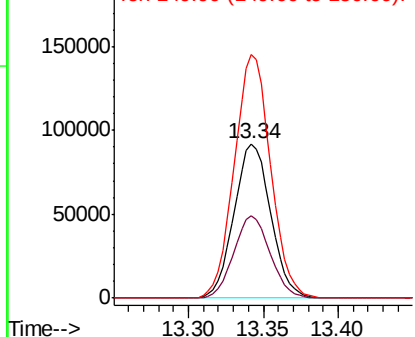


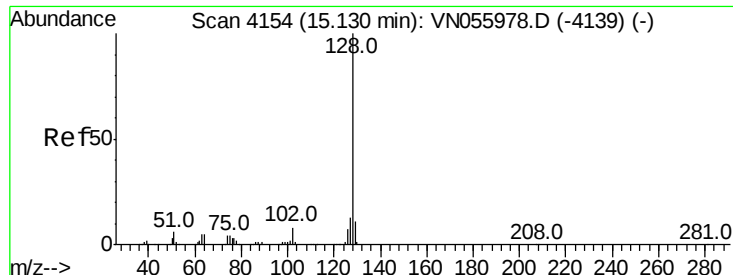
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056096.D
Acq: 7 Jun 2019 13:41

Tgt Ion:152 Resp: 156660
Ion Ratio Lower Upper
152 100
115 53.0 27.0 81.0
150 156.6 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 4.505 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN056096.D

Acq: 7 Jun 2019 13:41

Instrument :

MSVOA_N

ClientSampleId :

COMP-2

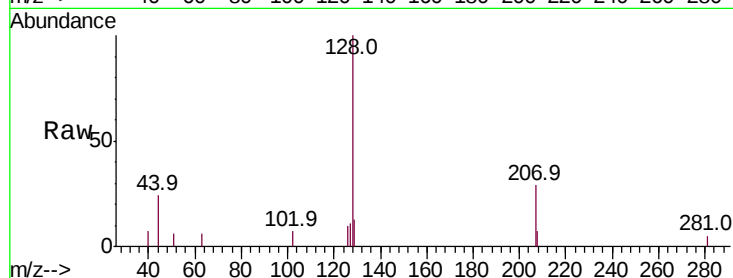
Tot Ion:128 Resp: 5306

Ion Ratio Lower Upper

128 100

127 9.4 10.3 15.5#

129 9.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

