

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
 Data File : VN056002.D
 Acq On : 5 Jun 2019 12:01
 Operator : JC/SP
 Sample : K2640-02 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30234

Quant Time: Jun 06 01:43:04 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

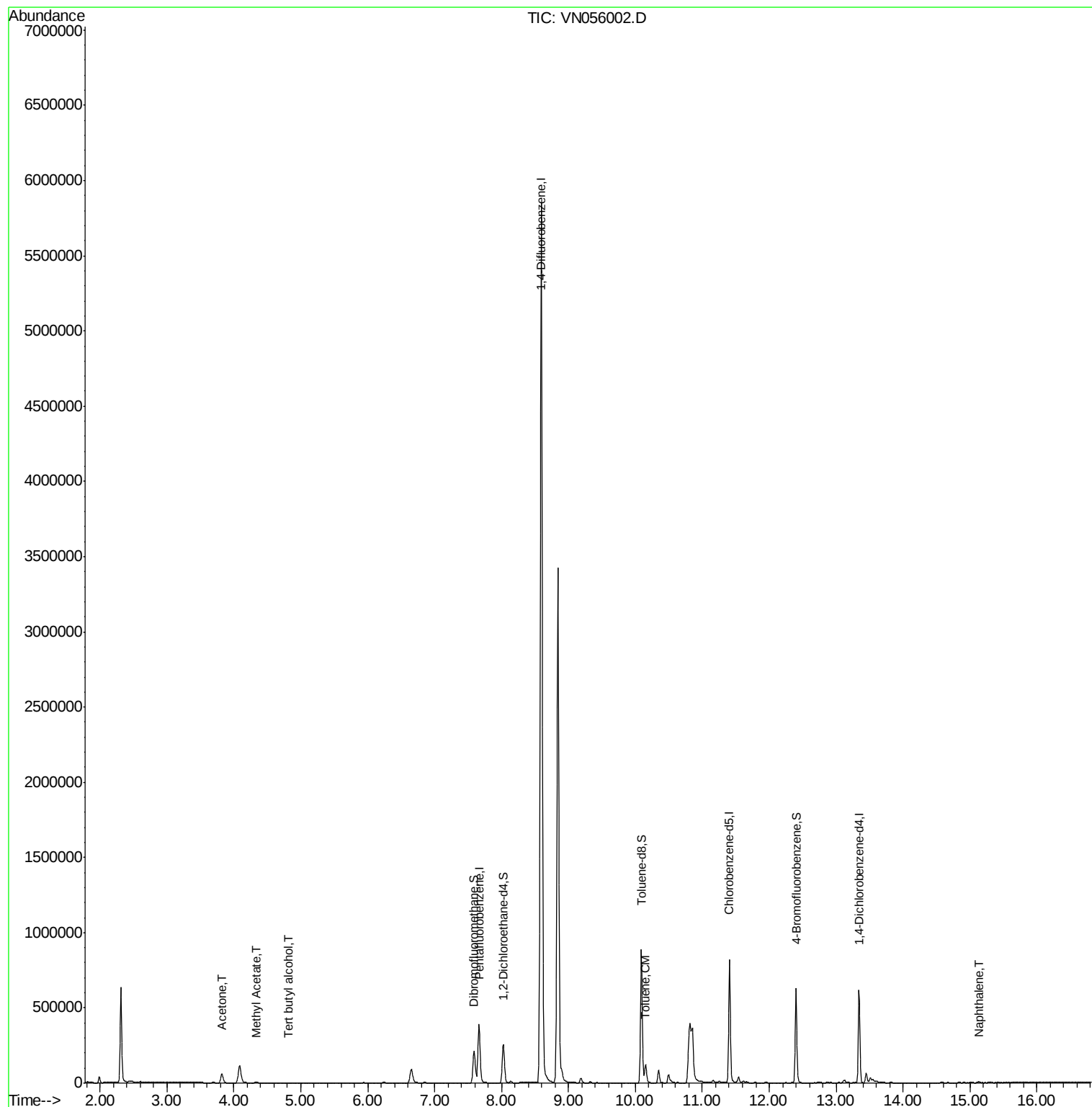
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	379381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	573715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	536243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	190669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	176327	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
35) Dibromofluoromethane	7.59	113	161755	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
50) Toluene-d8	10.09	98	673350	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.40	95	222905	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.81	59	5026	7.667	ug/l #	75
16) Acetone	3.82	43	101729	56.466	ug/l	97
18) Methyl Acetate	4.33	43	8131	1.740	ug/l	97
52) Toluene	10.16	92	54454	5.841	ug/l	99
95) Naphthalene	15.13	128	6566	4.516	ug/l	96

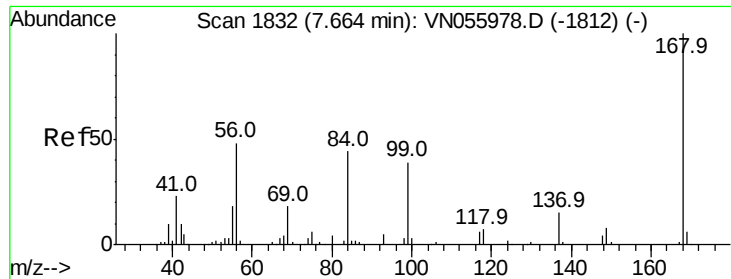
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056002.D

Acq: 5 Jun 2019 12:01

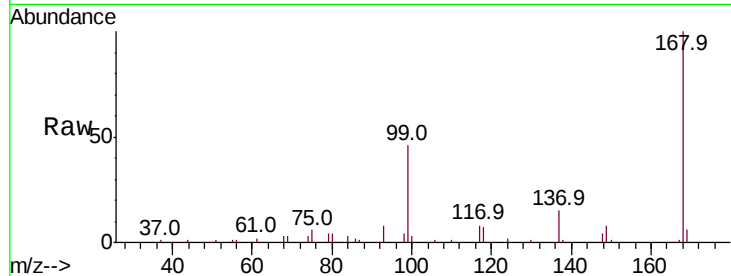
Instrument :
MSVOA_N
ClientSampled :
30234

Tot Ion:168 Resp: 379381

Ion Ratio Lower Upper

168 100

99 45.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

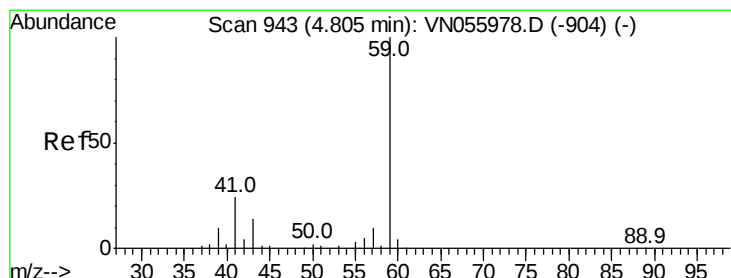
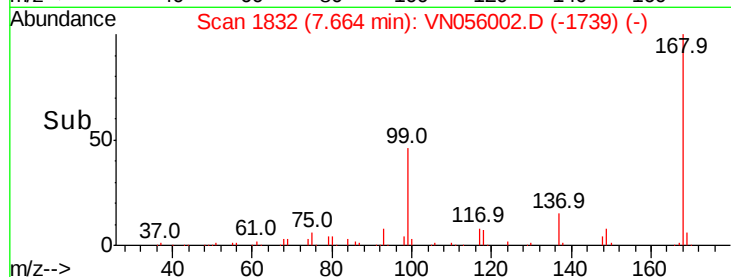
100000

50000

0

Time-->

7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 7.667 ug/l

RT: 4.81 min Scan# 944

Delta R.T. 0.00 min

Lab File: VN056002.D

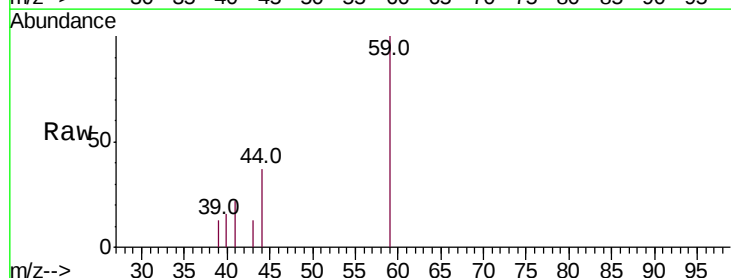
Acq: 5 Jun 2019 12:01

Tgt Ion: 59 Resp: 5026

Ion Ratio Lower Upper

59 100

57 0.6 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.81

1500

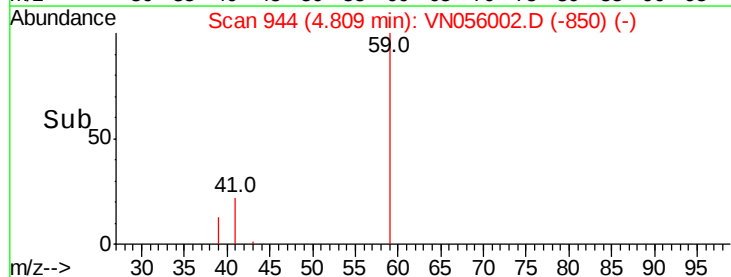
1000

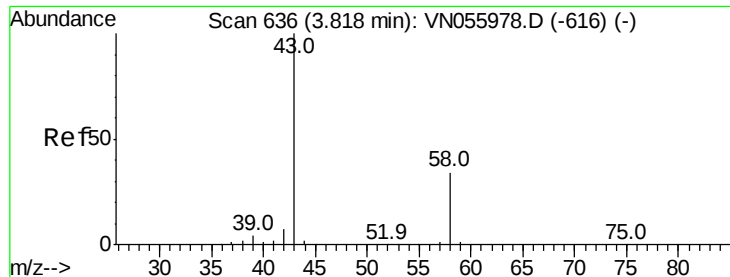
500

0

Time-->

4.70 4.75 4.80 4.85 4.90





#16

Acetone

Concen: 56.466 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056002.D

Acq: 5 Jun 2019 12:01

Instrument :

MSVOA_N

ClientSampled :

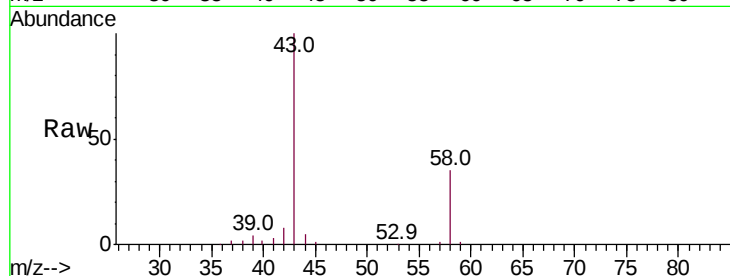
30234

Tot Ion: 43 Resp: 101729

Ion Ratio Lower Upper

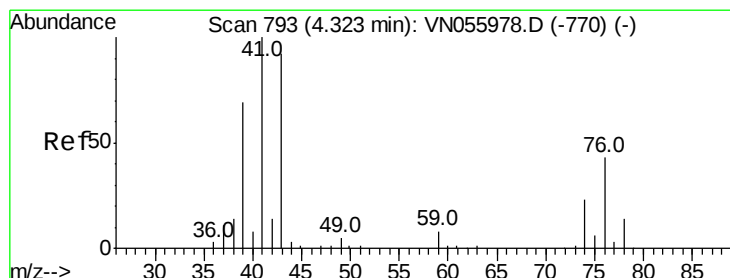
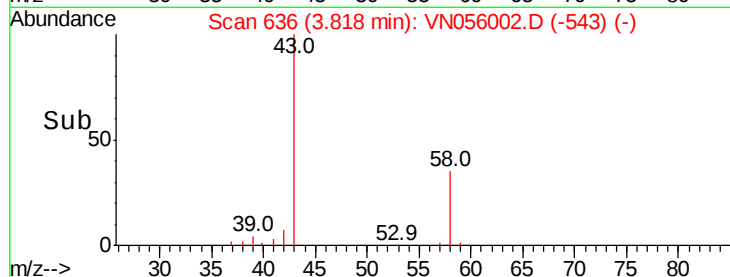
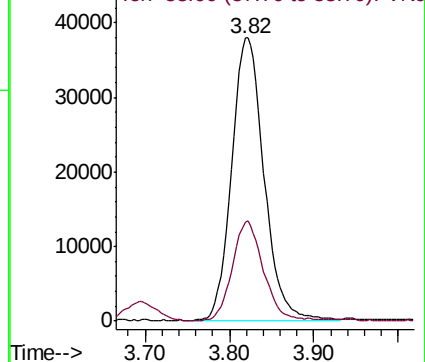
43 100

58 35.0 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.740 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN056002.D

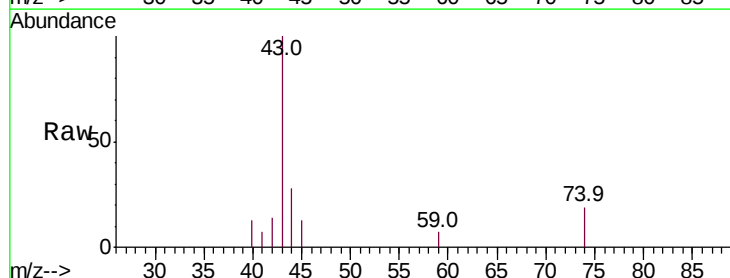
Acq: 5 Jun 2019 12:01

Tgt Ion: 43 Resp: 8131

Ion Ratio Lower Upper

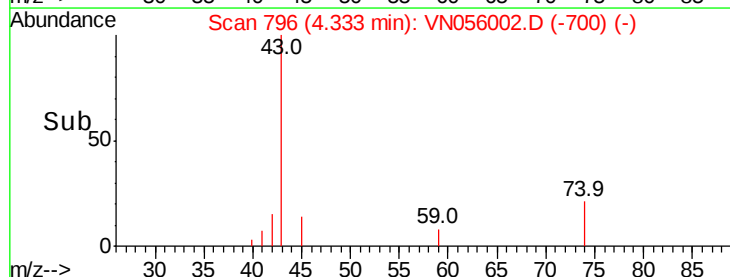
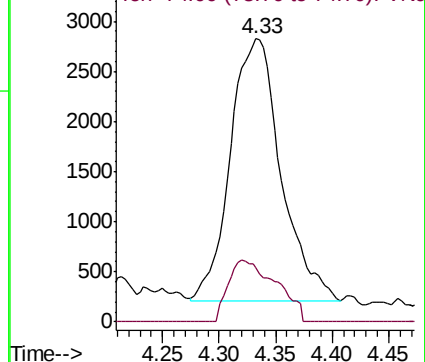
43 100

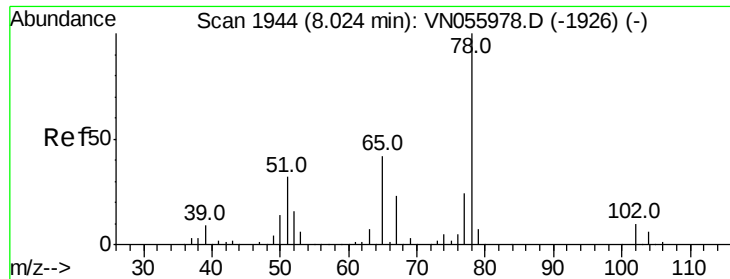
74 22.4 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

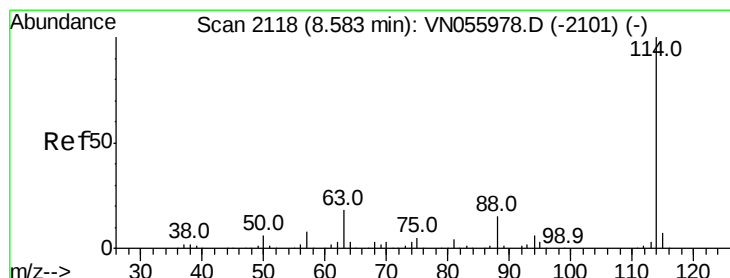
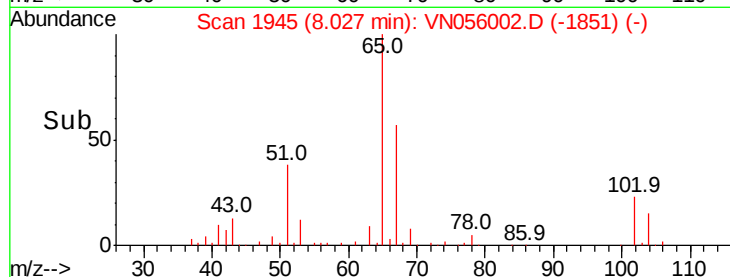
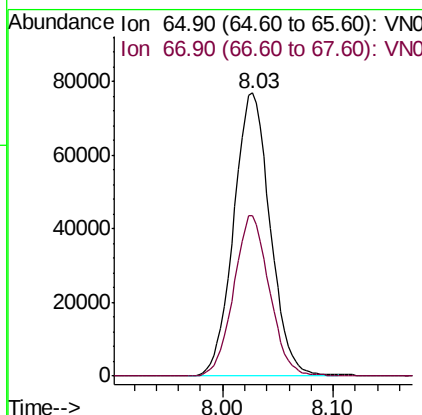
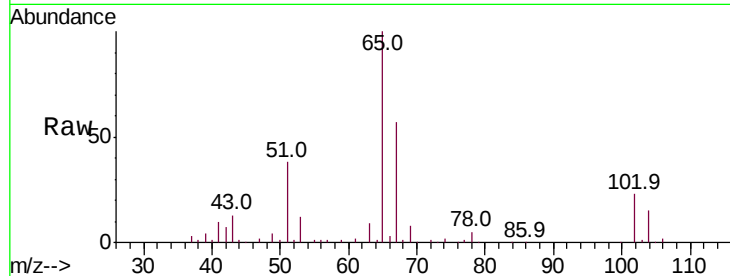




#33
 1,2-Dichloroethane-d4
 Concen: 46.809 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056002.D
 Acq: 5 Jun 2019 12:01

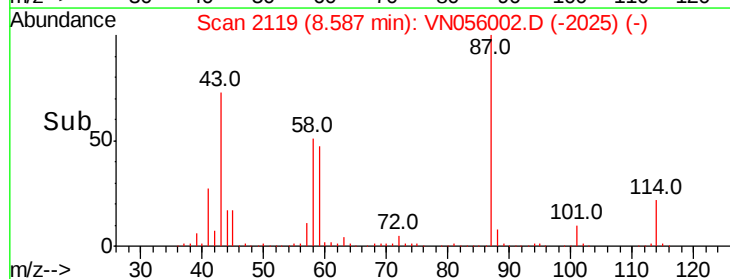
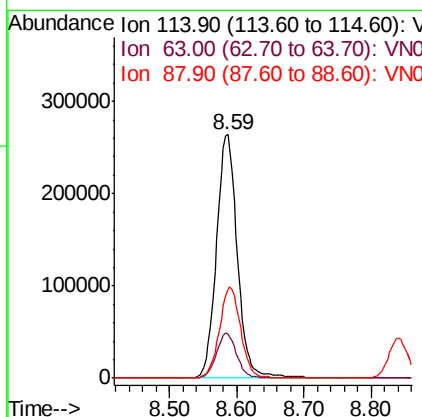
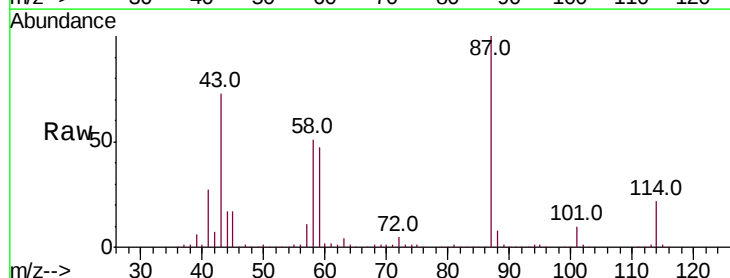
Instrument :
 MSVOA_N
 ClientSampled :
 30234

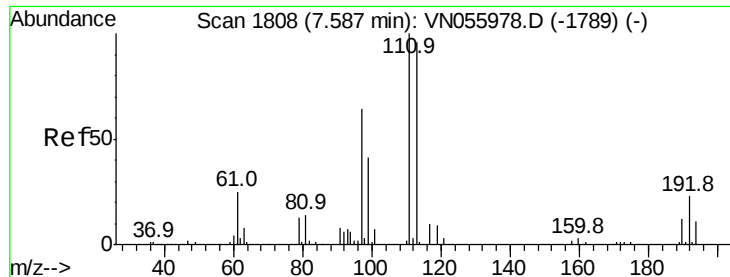
Tot Ion: 65 Resp: 176327
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056002.D
 Acq: 5 Jun 2019 12:01

Tgt Ion: 114 Resp: 573715
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.2
 88 36.7 0.0 31.0#

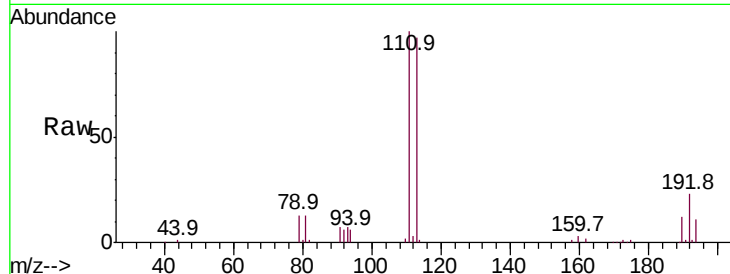




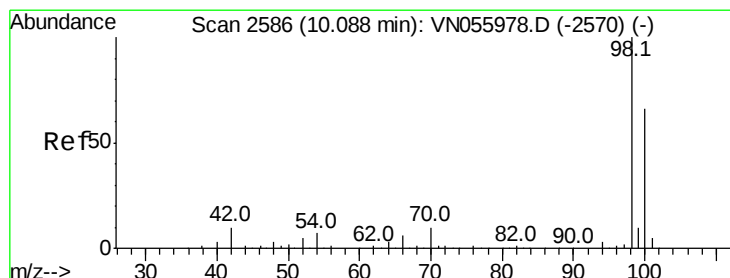
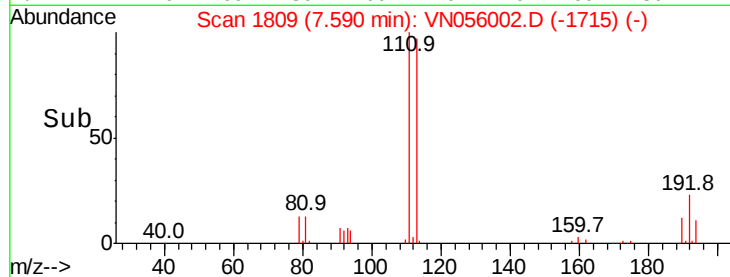
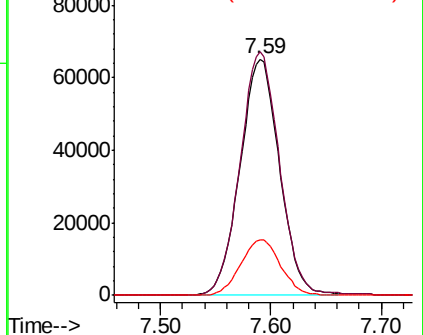
#35
 Dibromofluoromethane
 Concen: 45.954 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056002.D
 Acq: 5 Jun 2019 12:01

Instrument :
 MSVOA_N
 ClientSampleId :
 30234

Tot Ion:113 Resp: 161755
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.9 122.9
 192 23.8 19.5 29.3

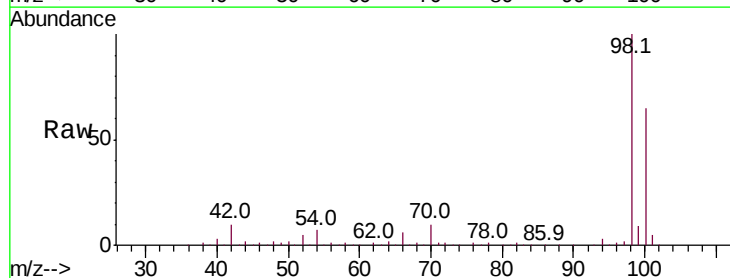


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

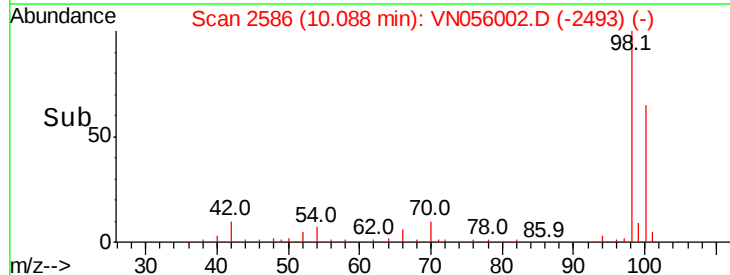
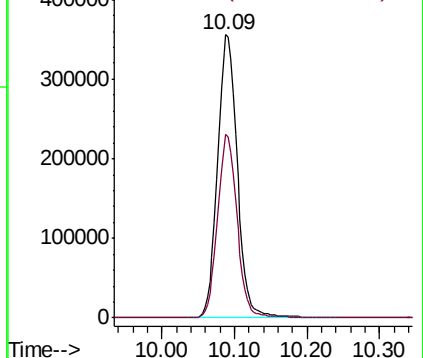


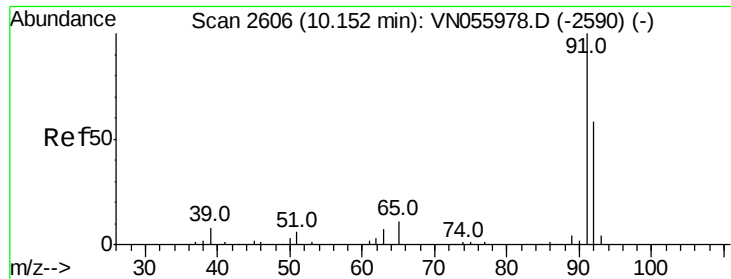
#50
 Toluene-d8
 Concen: 49.713 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN056002.D
 Acq: 5 Jun 2019 12:01

Tgt Ion: 98 Resp: 673350
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#52

Toluene

Concen: 5.841 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056002.D

Acq: 5 Jun 2019 12:01

Instrument :

MSVOA_N

ClientSampled :

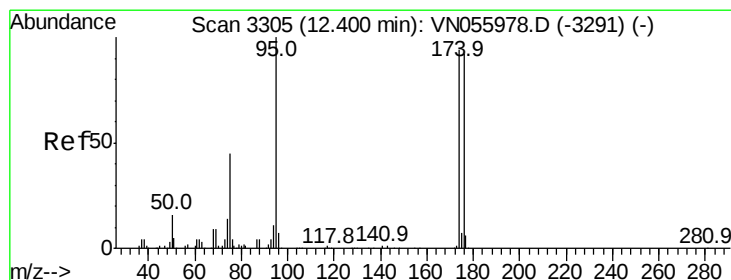
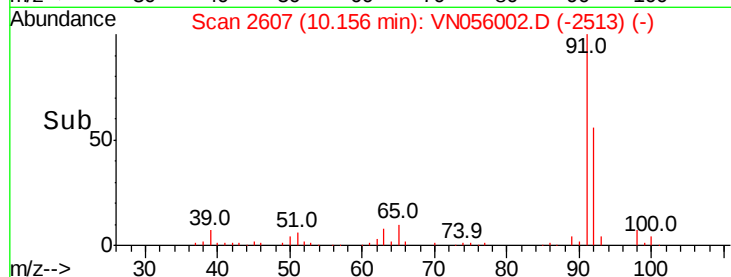
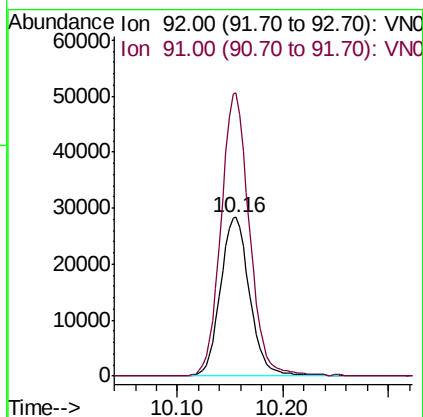
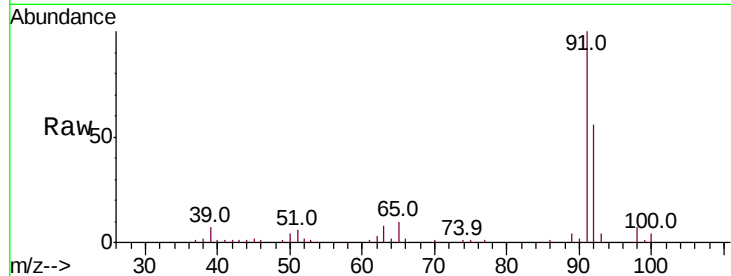
30234

Tot Ion: 92 Resp: 54454

Ion Ratio Lower Upper

92 100

91 173.5 139.4 209.2



#62

4-Bromofluorobenzene

Concen: 48.392 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056002.D

Acq: 5 Jun 2019 12:01

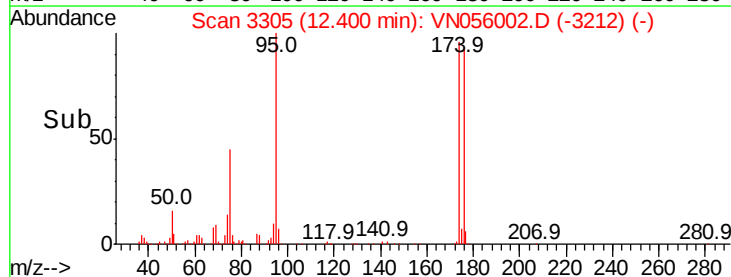
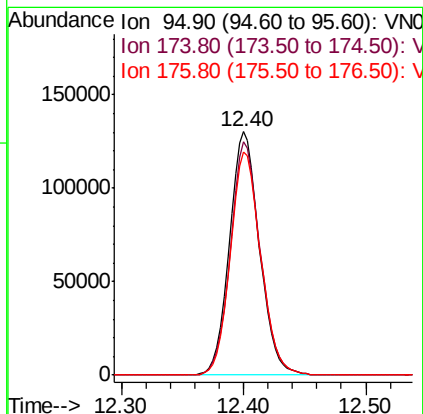
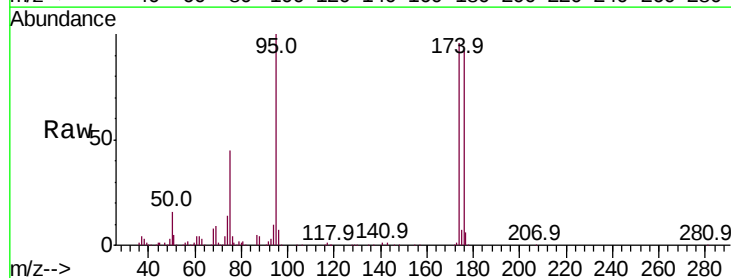
Tgt Ion: 95 Resp: 222905

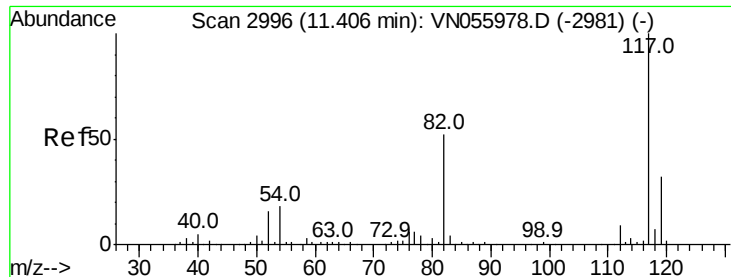
Ion Ratio Lower Upper

95 100

174 95.6 0.0 191.0

176 92.7 0.0 185.2

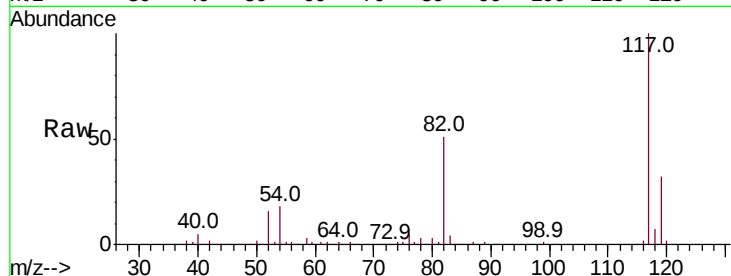




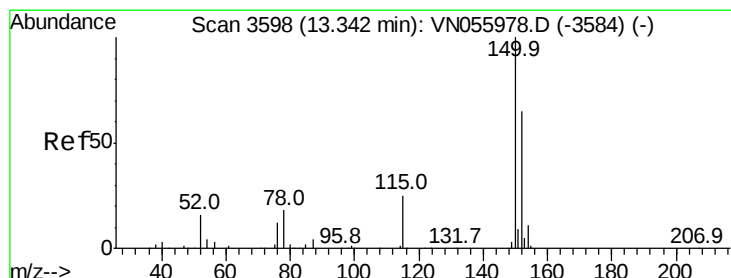
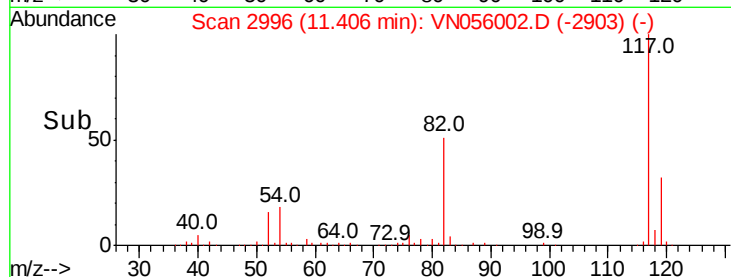
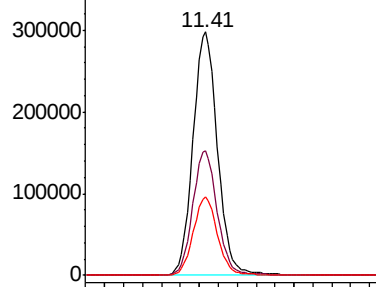
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056002.D
Acq: 5 Jun 2019 12:01

Instrument :
MSVOA_N
ClientSampled :
30234

Tot Ion:117 Resp: 536243
Ion Ratio Lower Upper
117 100
82 51.1 41.8 62.8
119 32.0 25.4 38.0

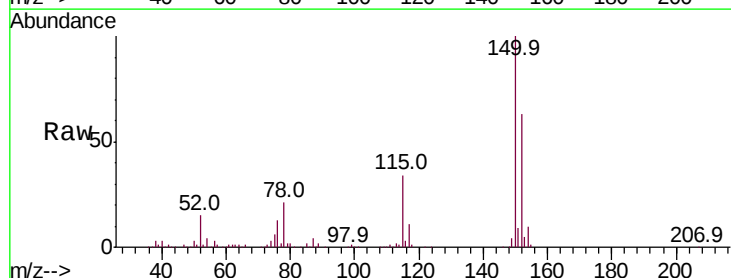


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

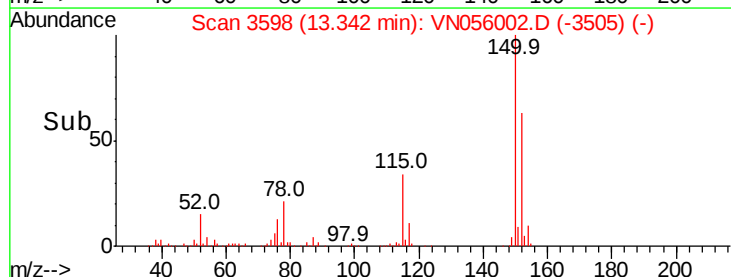
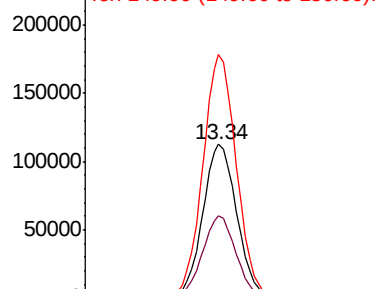


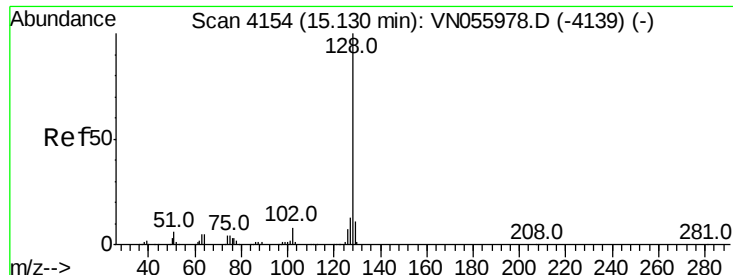
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056002.D
Acq: 5 Jun 2019 12:01

Tgt Ion:152 Resp: 190669
Ion Ratio Lower Upper
152 100
115 52.6 27.0 81.0
150 156.2 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: 4.516 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056002.D

Acq: 5 Jun 2019 12:01

Instrument :

MSVOA_N

ClientSampleId :

30234

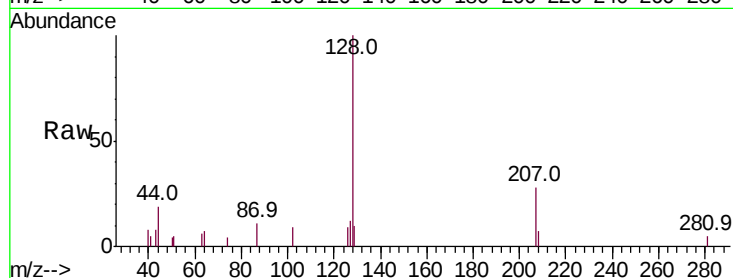
Tot Ion:128 Resp: 6566

Ion Ratio Lower Upper

128 100

127 11.1 10.3 15.5

129 9.9 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

