

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055343.D
 Acq On : 2 May 2019 12:03
 Operator : JC/SP
 Sample : K2652-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-4

Quant Time: May 03 03:23:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

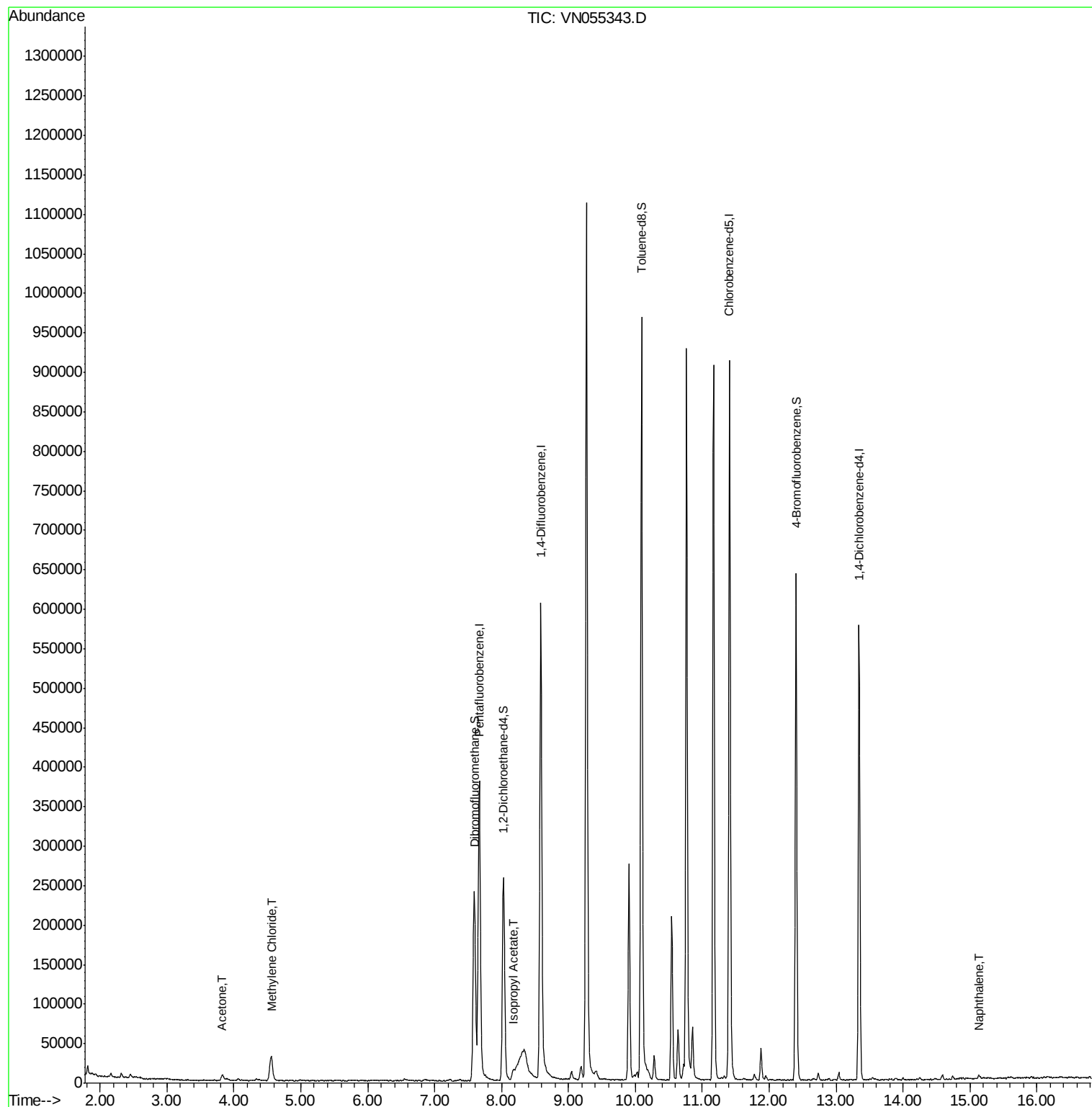
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	316470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	557965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	514415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151441	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	230977	55.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.58%	
35) Dibromofluoromethane	7.59	113	182245	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
50) Toluene-d8	10.09	98	695793	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.40	95	217493	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
Target Compounds						
16) Acetone	3.82	43	12623	9.785	ug/l #	87
20) Methylene Chloride	4.55	84	20034	5.088	ug/l	92
43) Isopropyl Acetate	8.18	43	15131	2.299	ug/l #	88
95) Naphthalene	15.13	128	4475	4.321	ug/l #	91

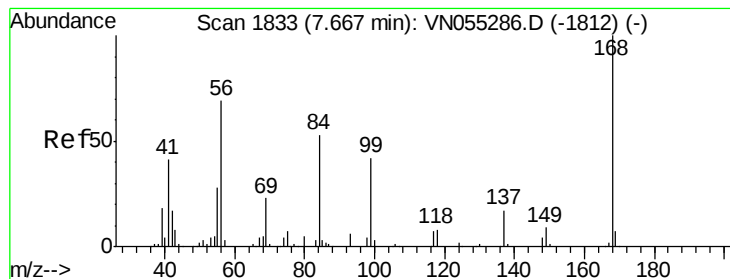
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
Data File : VN055343.D
Acq On : 2 May 2019 12:03
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ClientSampleId :
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Quant Time: May 03 03:23:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

Instrument :

MSVOA_N

ClientSampled :

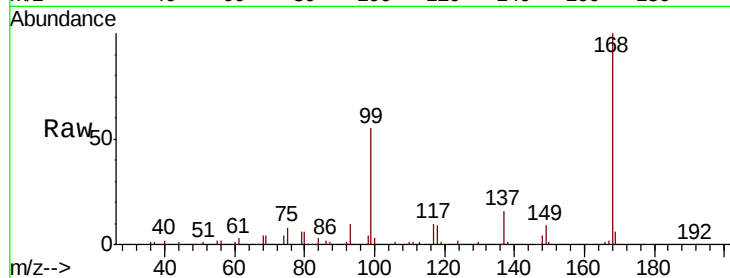
DRUM-1-4

Tgt Ion:168 Resp: 316470

Ion Ratio Lower Upper

168 100

99 55.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.67

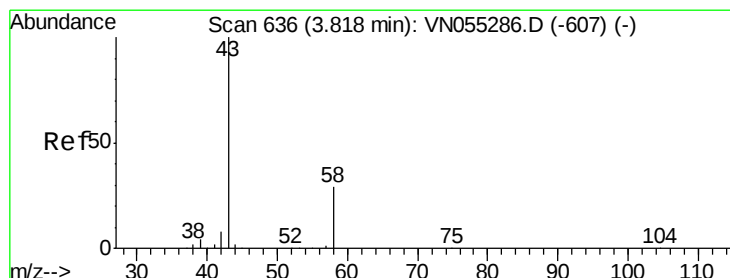
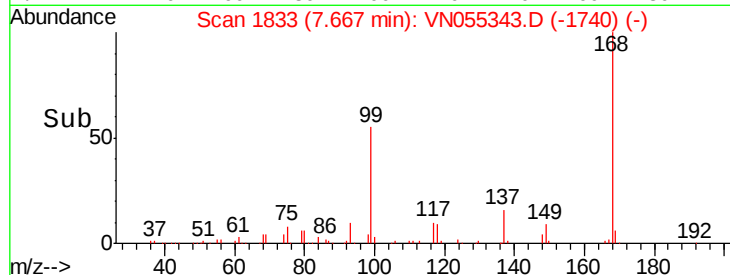
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.785 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055343.D

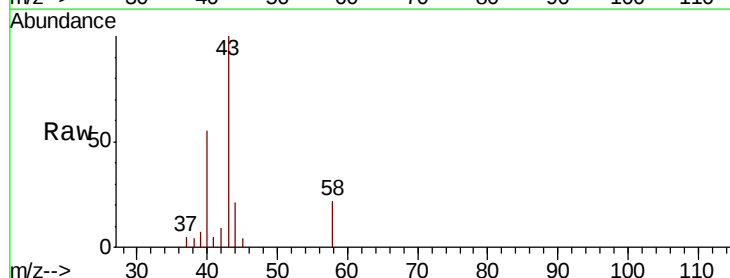
Acq: 2 May 2019 12:03

Tgt Ion: 43 Resp: 12623

Ion Ratio Lower Upper

43 100

58 22.4 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-607) (-)

3.82

5000

4000

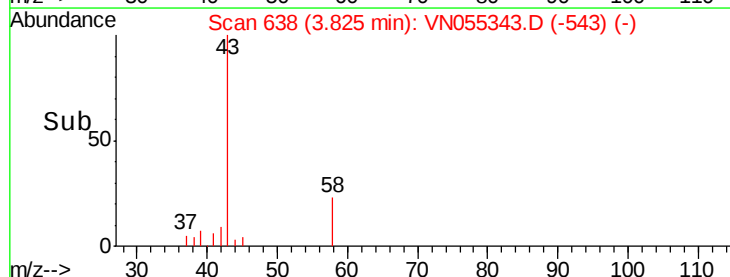
3000

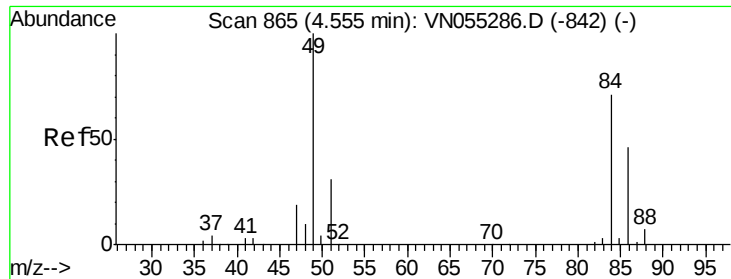
2000

1000

0

Time-->

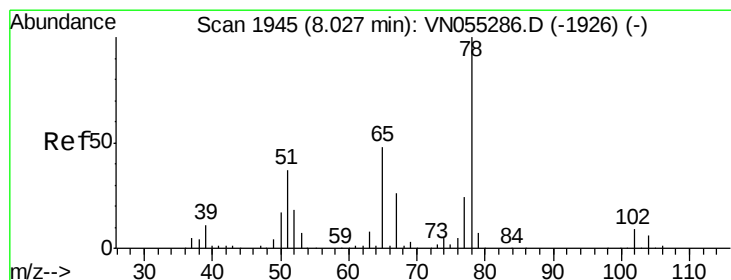
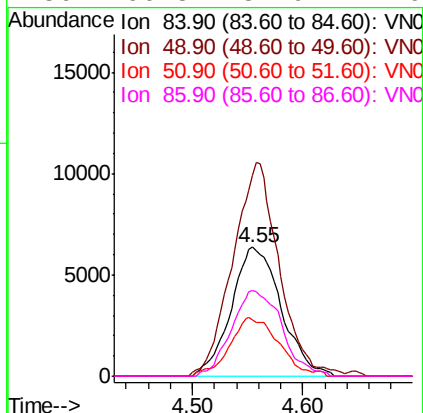
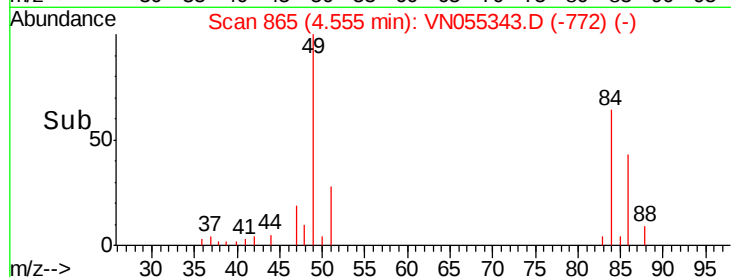
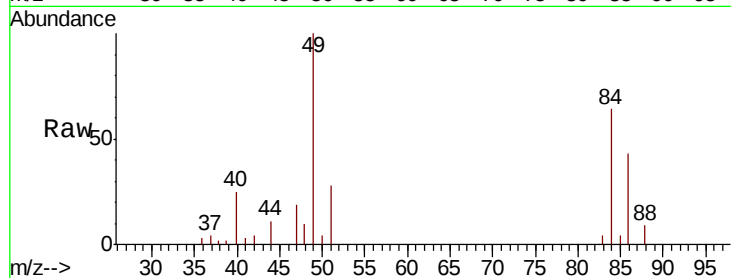




#20
Methylene Chloride
Concen: 5.088 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055343.D
Acq: 2 May 2019 12:03

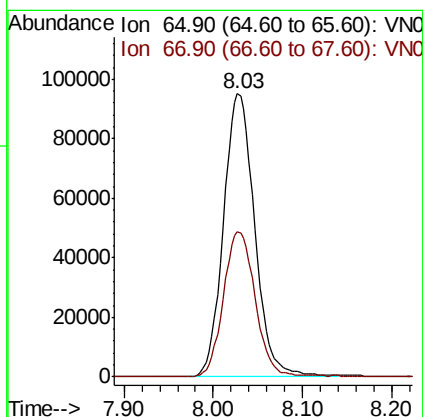
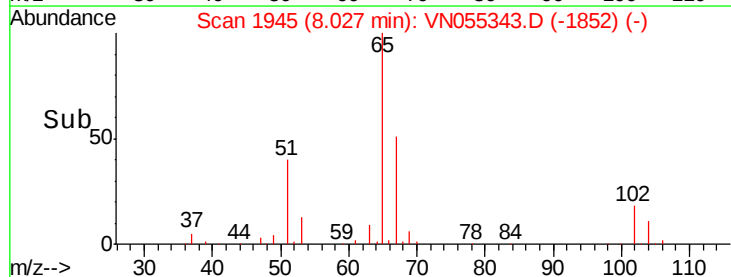
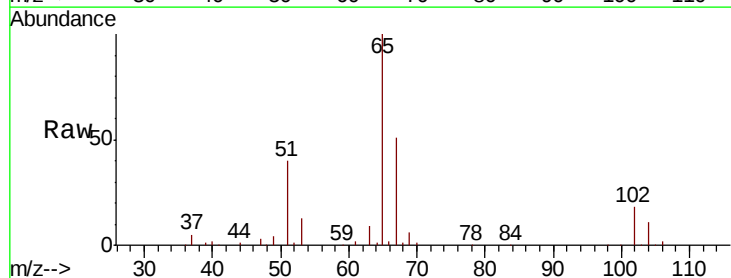
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-4

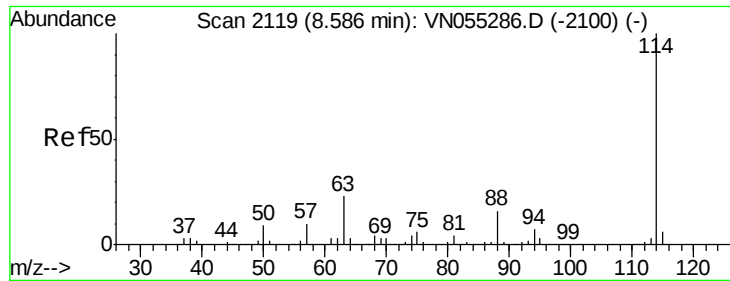
Tgt Ion: 84 Resp: 20034
Ion Ratio Lower Upper
84 100
49 156.1 112.4 168.6
51 43.9 34.6 51.8
86 66.8 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 55.790 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055343.D
Acq: 2 May 2019 12:03

Tgt Ion: 65 Resp: 230977
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.8

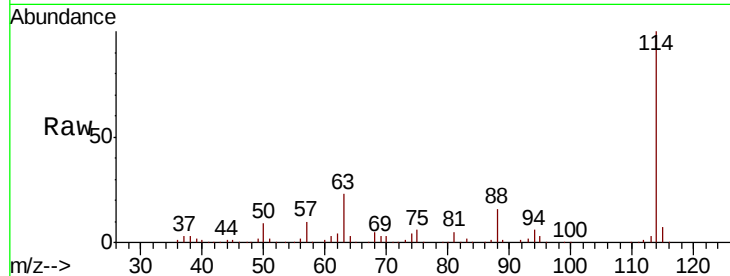




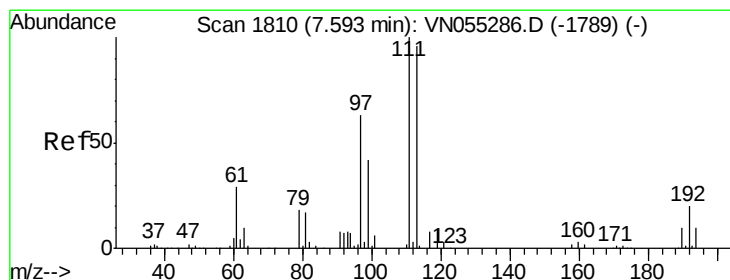
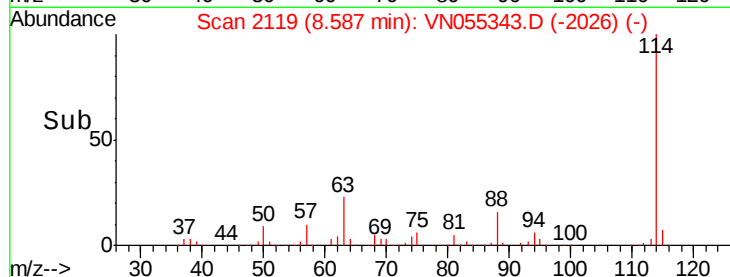
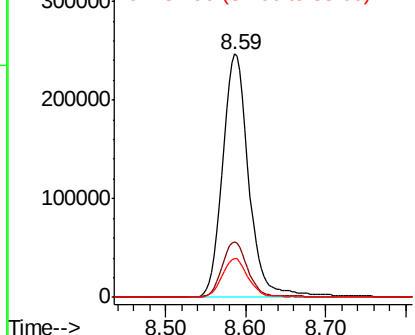
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055343.D
 Acq: 2 May 2019 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-4

Tgt Ion:114 Resp: 557965
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.2
 88 16.1 0.0 31.6

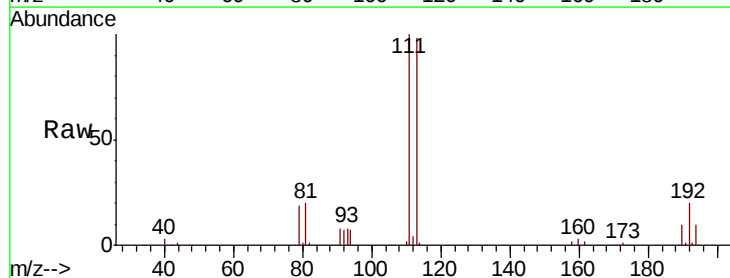


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

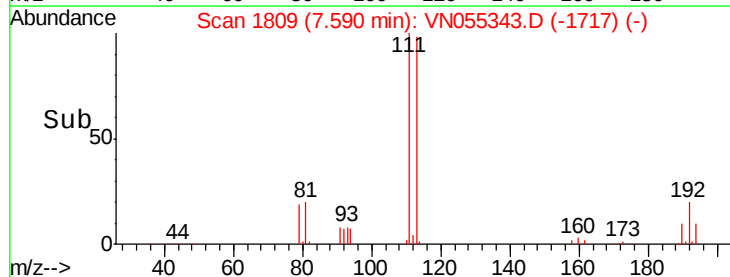
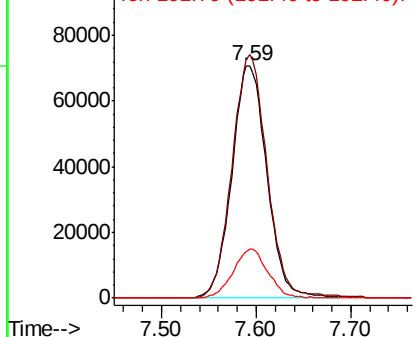


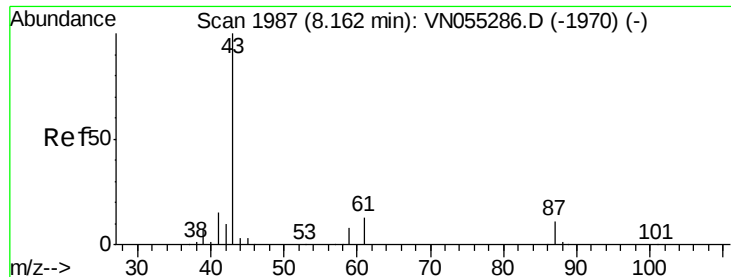
#35
 Dibromofluoromethane
 Concen: 49.763 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055343.D
 Acq: 2 May 2019 12:03

Tgt Ion:113 Resp: 182245
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.3 123.5
 192 20.8 17.0 25.6



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





#43

Isopropyl Acetate

Concen: 2.299 ug/l

RT: 8.18 min Scan# 1992

Delta R.T. 0.02 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-4

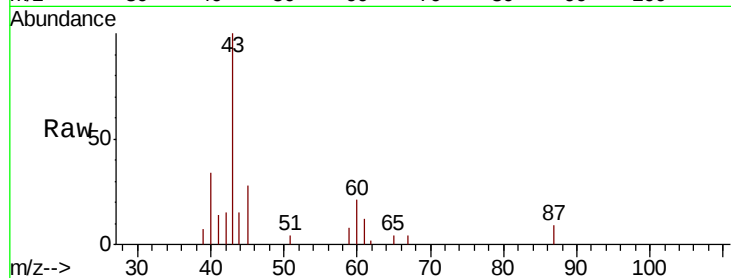
Tgt Ion: 43 Resp: 15131

Ion Ratio Lower Upper

43 100

61 17.2 20.8 31.2#

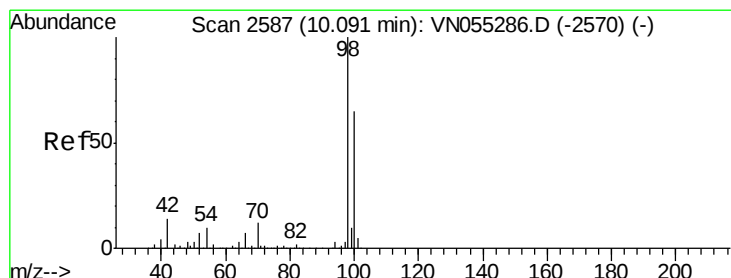
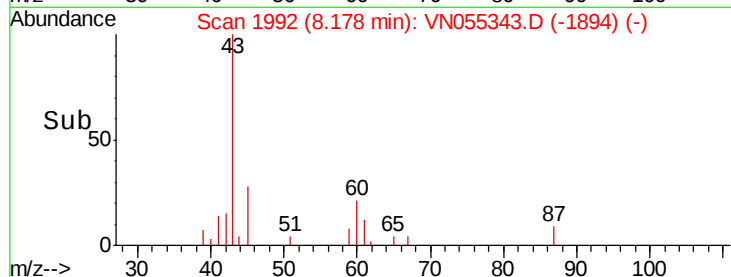
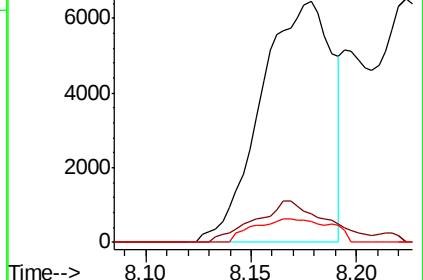
87 10.4 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055286.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055286.D (-1970) (-)



#50

Toluene-d8

Concen: 52.615 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055343.D

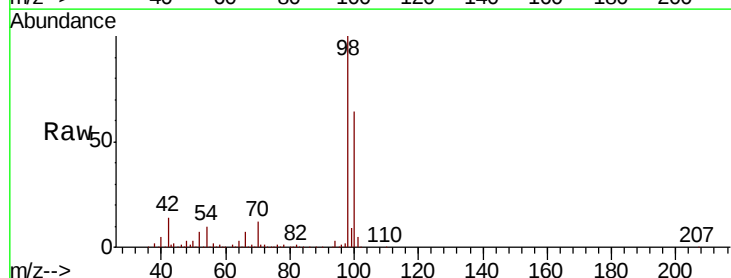
Acq: 2 May 2019 12:03

Tgt Ion: 98 Resp: 695793

Ion Ratio Lower Upper

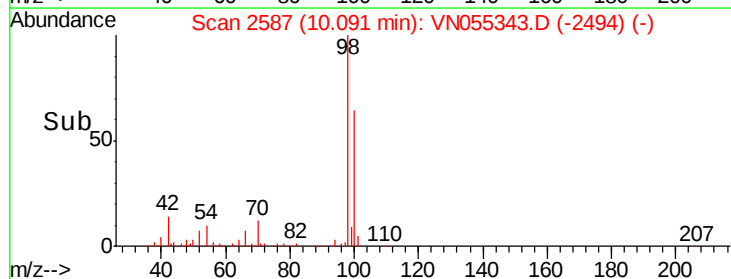
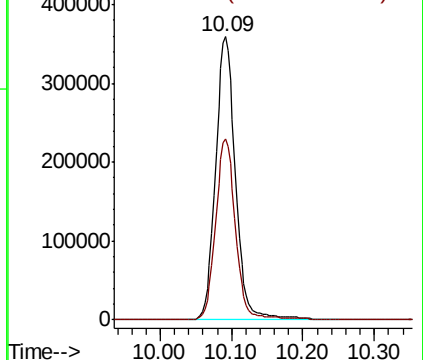
98 100

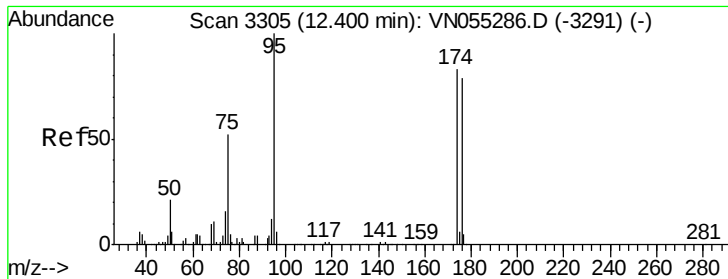
100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055286.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055286.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 52.623 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-4

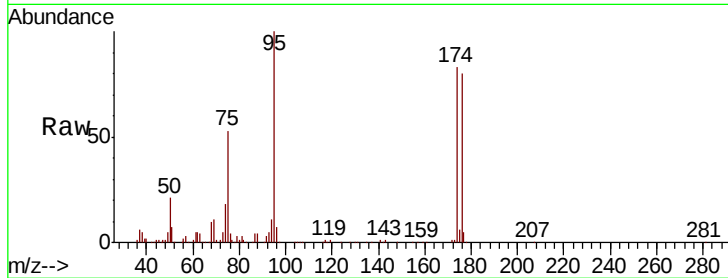
Tgt Ion: 95 Resp: 217493

Ion Ratio Lower Upper

95 100

174 83.4 0.0 166.6

176 80.7 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055286.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055286.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055286.D (-3291) (-)

12.40

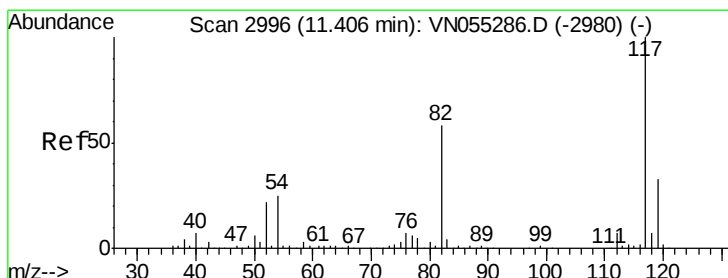
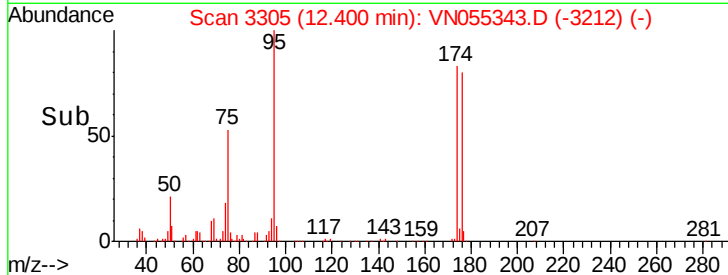
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

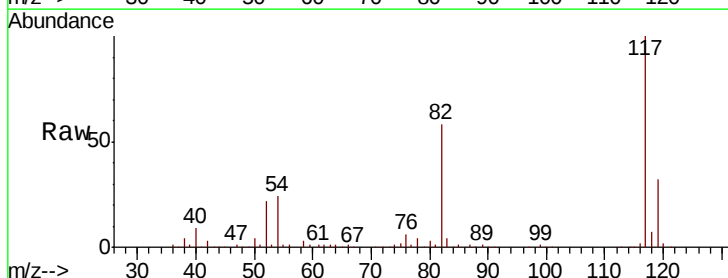
Tgt Ion: 117 Resp: 514415

Ion Ratio Lower Upper

117 100

82 58.3 46.2 69.4

119 32.3 26.6 40.0



Abundance Ion 116.90 (116.60 to 117.60): VN055286.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055286.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055286.D (-2980) (-)

11.41

400000

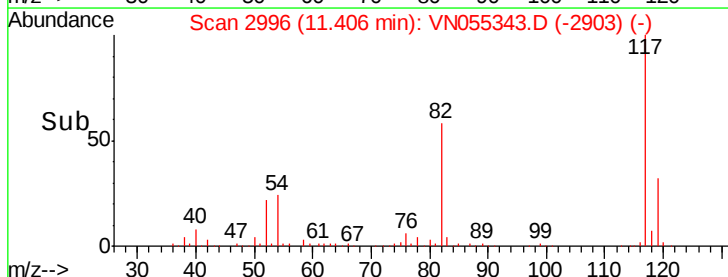
300000

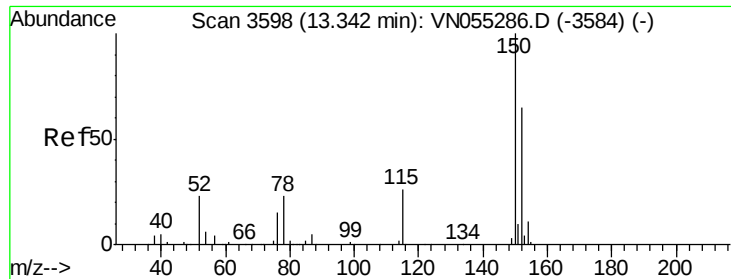
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

Instrument :

MSVOA_N

ClientSampled :

DRUM-1-4

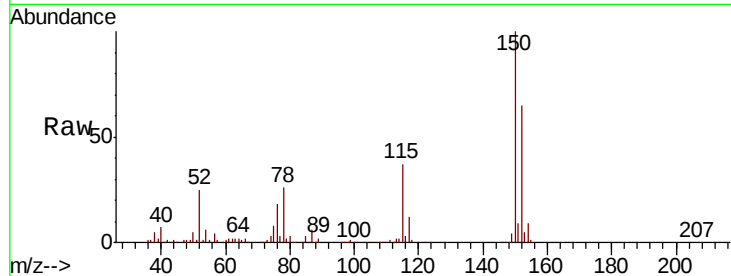
Tgt Ion:152 Resp: 151441

Ion Ratio Lower Upper

152 100

115 59.3 29.0 87.0

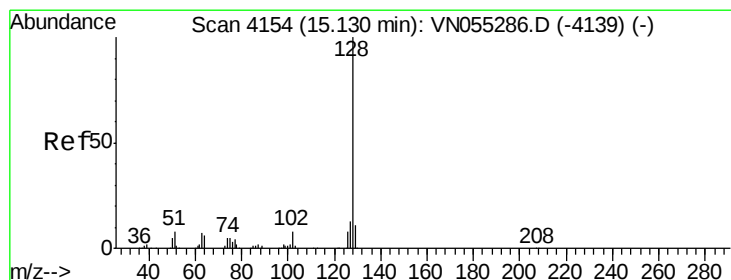
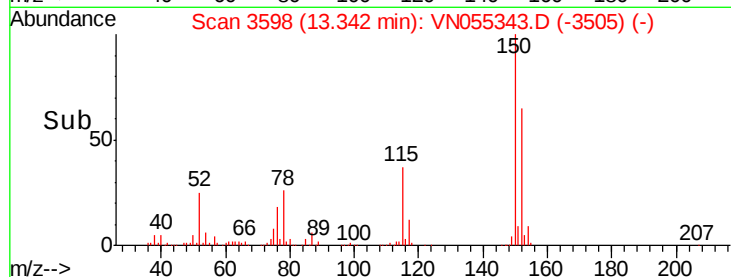
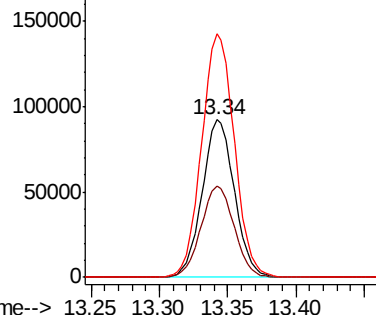
150 156.5 0.0 345.6



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: 4.321 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

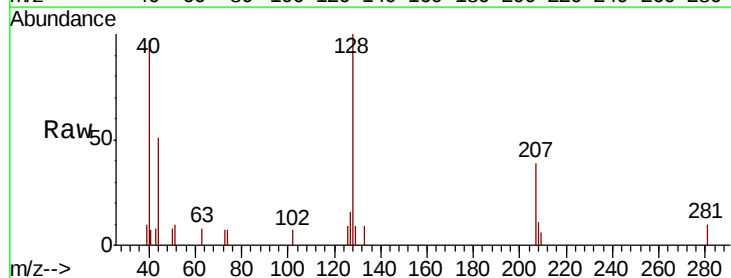
Tgt Ion:128 Resp: 4475

Ion Ratio Lower Upper

128 100

127 10.0 10.7 16.1#

129 7.4 8.6 13.0#



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

