

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055654.D
 Acq On : 18 May 2019 9:38
 Operator : JC/SP
 Sample : K2643-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-051619-A

Quant Time: May 20 03:51:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

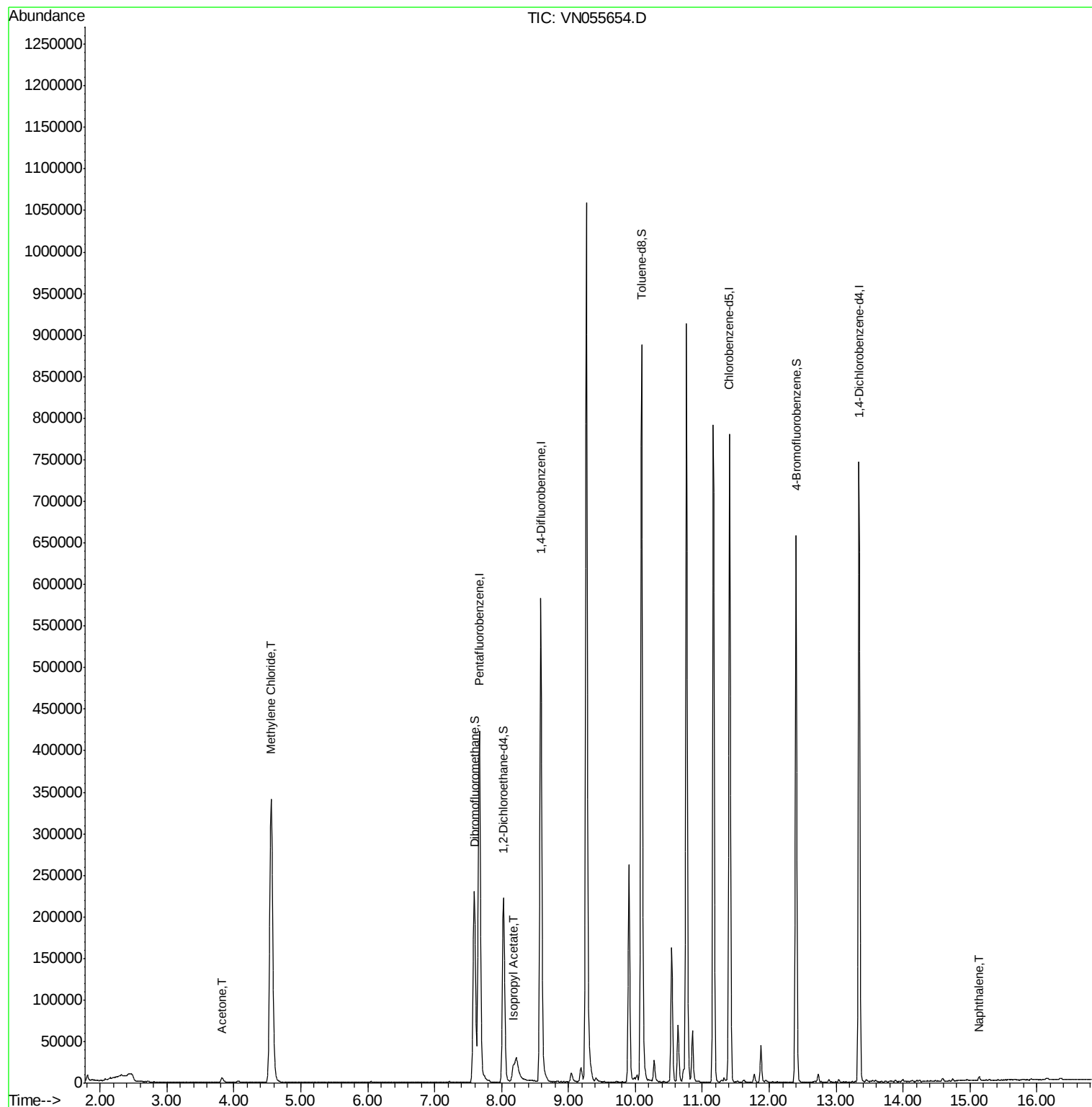
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	410851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	585902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	502275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	216108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	192928	42.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.68%	
35) Dibromofluoromethane	7.59	113	179834	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
50) Toluene-d8	10.09	98	672927	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	12.40	95	225791	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.92%	
Target Compounds						
16) Acetone	3.82	43	10547	5.738	ug/l	93
20) Methylene Chloride	4.56	84	289173	68.941	ug/l	97
43) Isopropyl Acetate	8.17	43	17601	2.147	ug/l #	84
95) Naphthalene	15.13	128	4813	2.177	ug/l	97

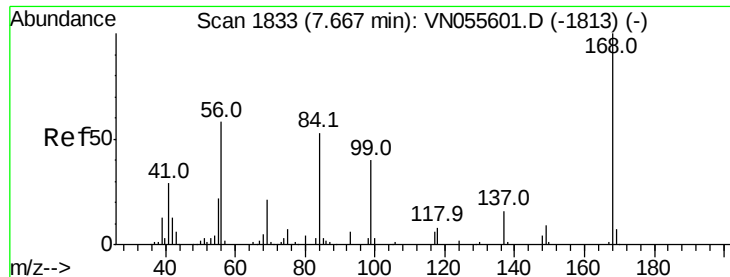
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

Instrument :

MSVOA_N

ClientSampleId :

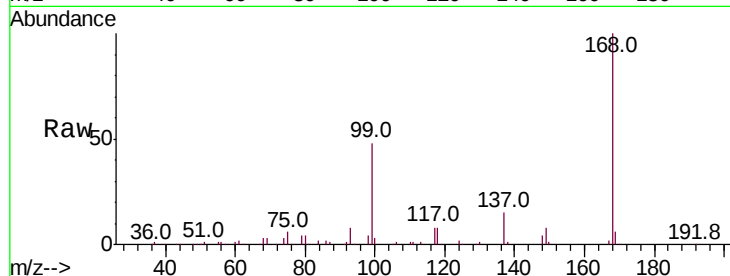
OR-02-051619-A

Tot Ion:168 Resp: 410851

Ion Ratio Lower Upper

168 100

99 47.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

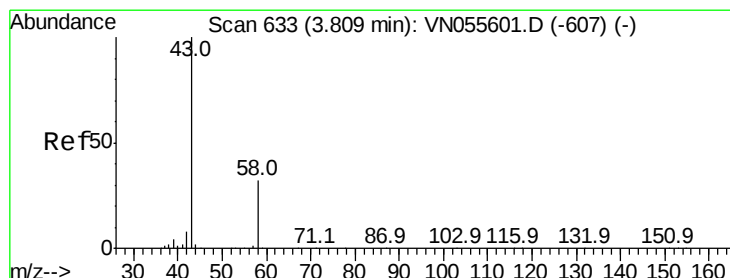
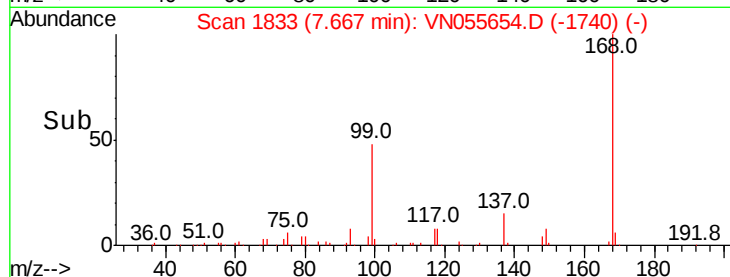
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 5.738 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN055654.D

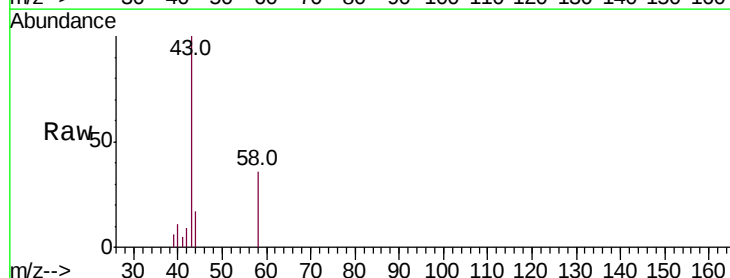
Acq: 18 May 2019 9:38

Tgt Ion: 43 Resp: 10547

Ion Ratio Lower Upper

43 100

58 36.3 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

4000

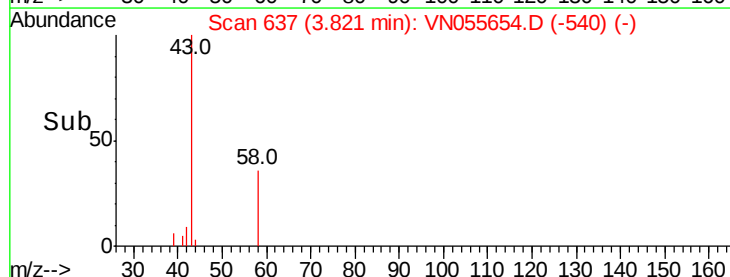
3000

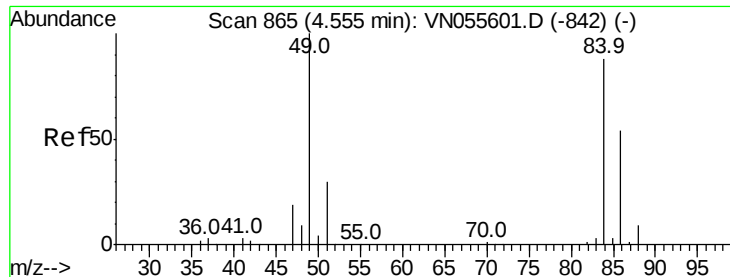
2000

1000

0

Time--> 3.80 3.90





#20

Methylene Chloride

Concen: 68.941 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

Instrument :

MSVOA_N

ClientSampleId :

OR-02-051619-A

Tot Ion: 84 Resp: 289173

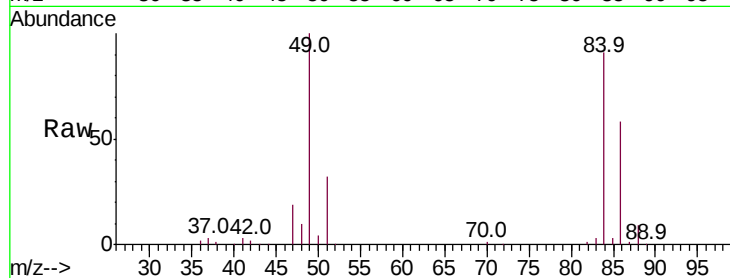
Ion Ratio Lower Upper

84 100

49 110.5 91.0 136.4

51 35.0 27.5 41.3

86 64.0 49.4 74.0

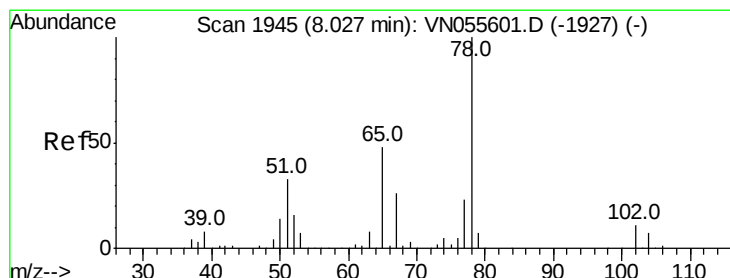
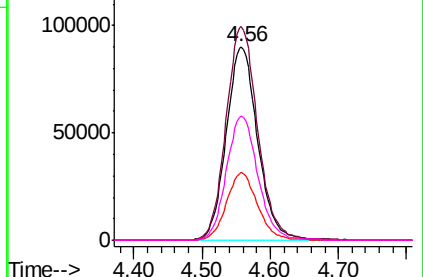
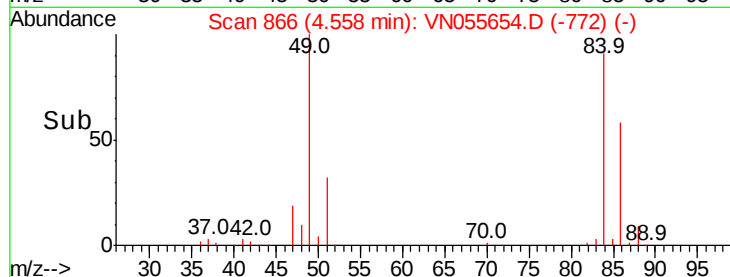


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 42.837 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055654.D

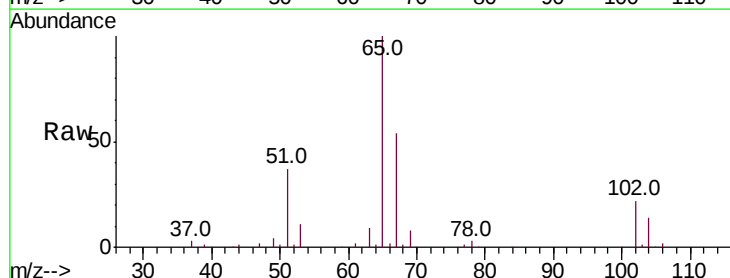
Acq: 18 May 2019 9:38

Tgt Ion: 65 Resp: 192928

Ion Ratio Lower Upper

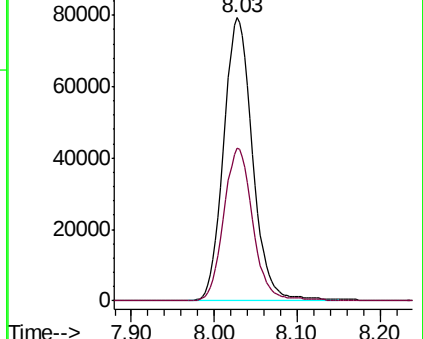
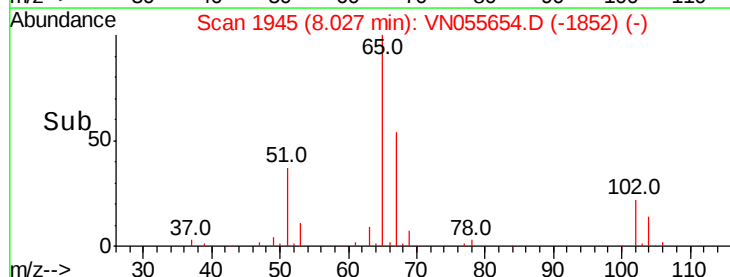
65 100

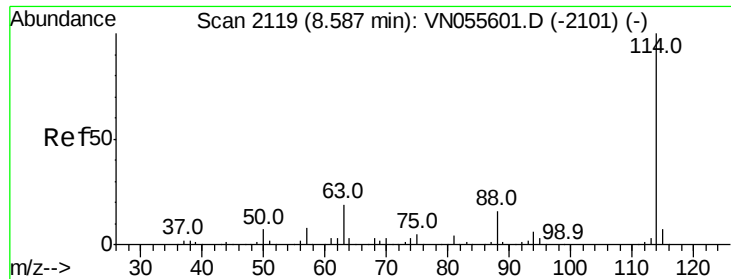
67 54.4 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

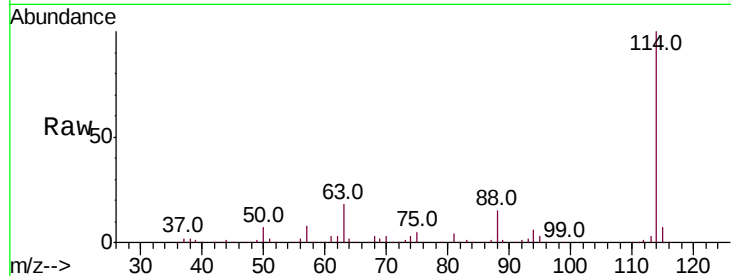




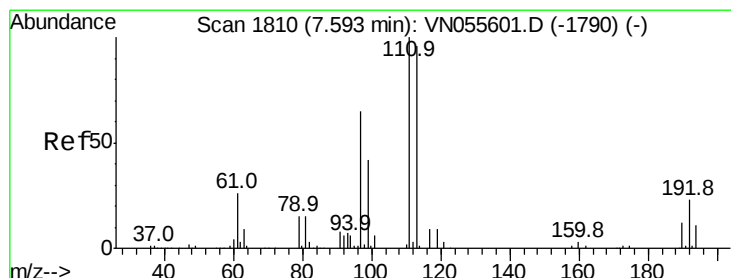
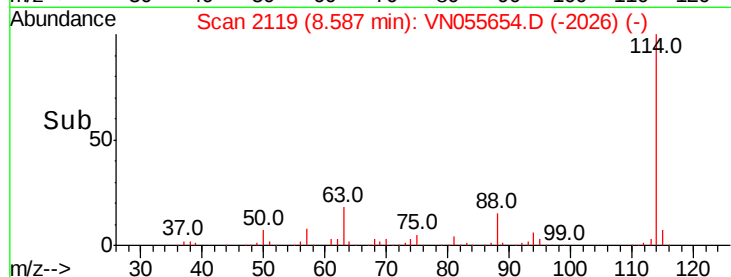
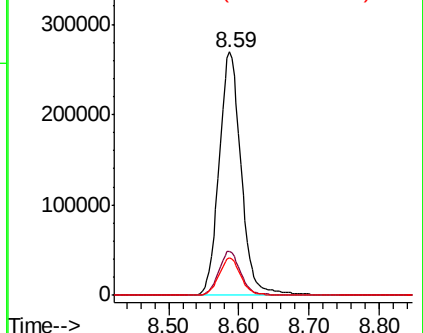
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055654.D
 Acq: 18 May 2019 9:38

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-051619-A

Tot Ion:	114	Resp:	585902
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.2
88	15.3	0.0	31.0

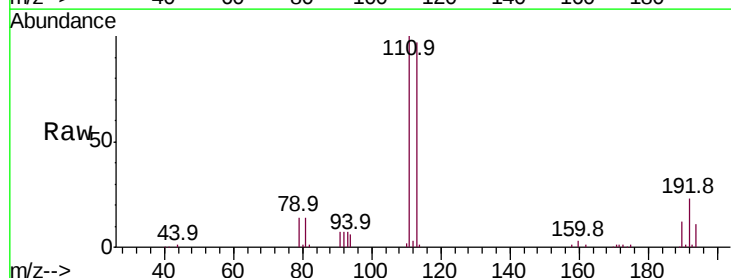


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

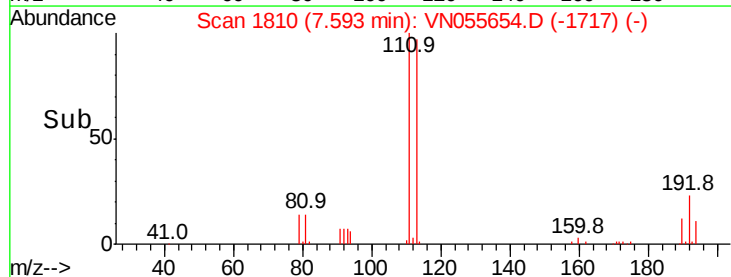
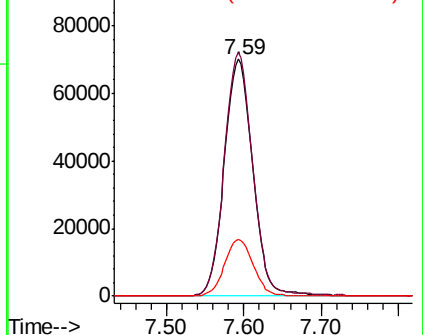


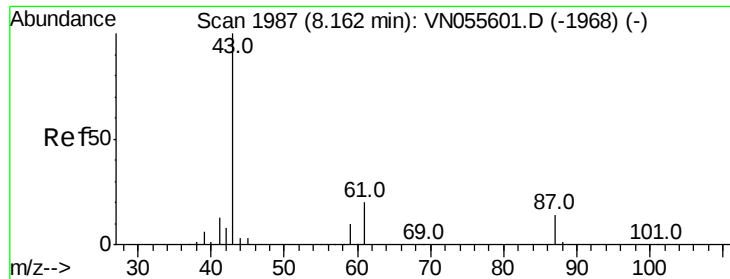
#35
 Dibromofluoromethane
 Concen: 48.318 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055654.D
 Acq: 18 May 2019 9:38

Tgt Ion:	113	Resp:	179834
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.5	123.7
192	24.1	18.7	28.1



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: 2.147 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

Instrument :

MSVOA_N

ClientSampleId :

OR-02-051619-A

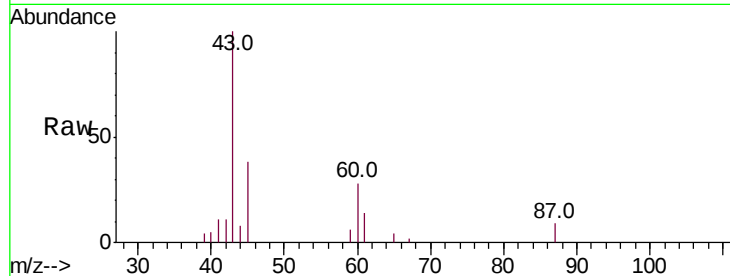
Tot Ion: 43 Resp: 17601

Ion Ratio Lower Upper

43 100

61 18.4 22.1 33.1#

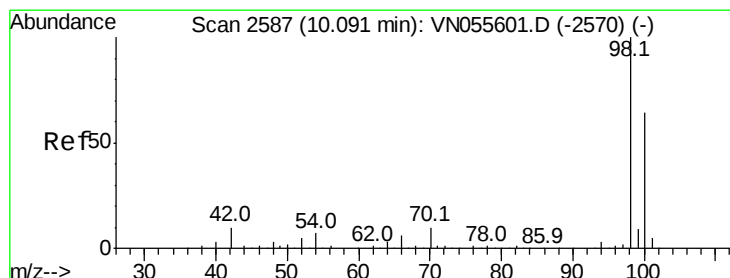
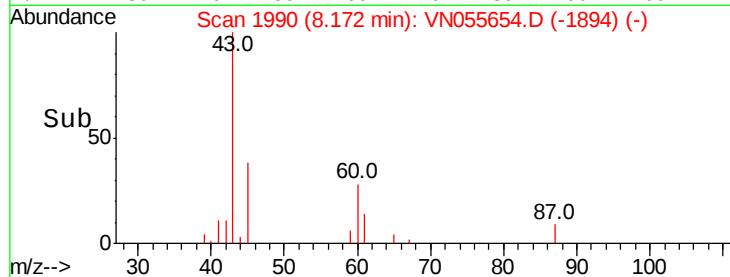
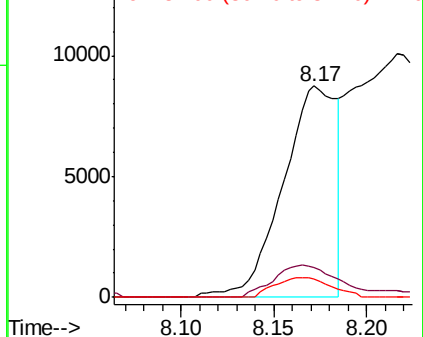
87 9.8 11.8 17.6#



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN055601.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN055601.D (-1968) (-)



#50

Toluene-d8

Concen: 47.817 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055654.D

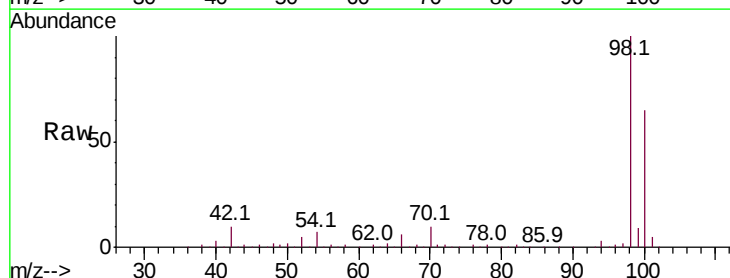
Acq: 18 May 2019 9:38

Tgt Ion: 98 Resp: 672927

Ion Ratio Lower Upper

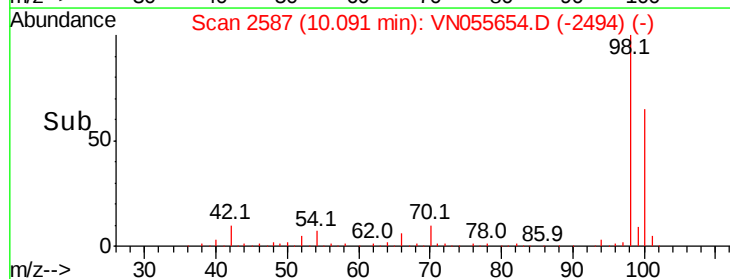
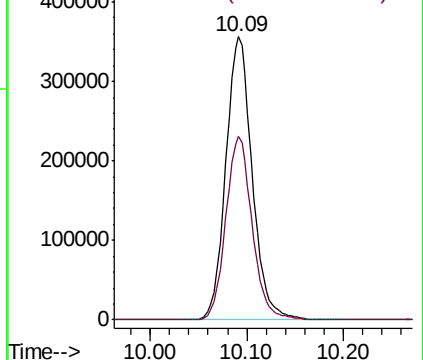
98 100

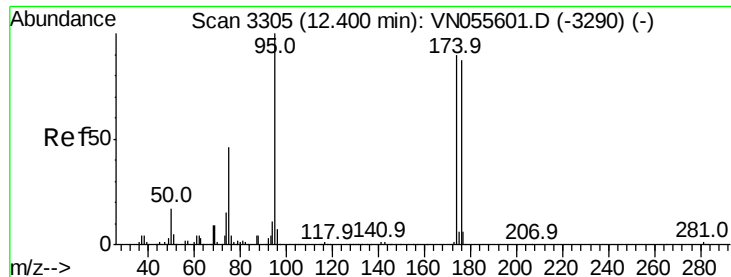
100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055601.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055601.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 46.463 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

Instrument :

MSVOA_N

ClientSampleId :

OR-02-051619-A

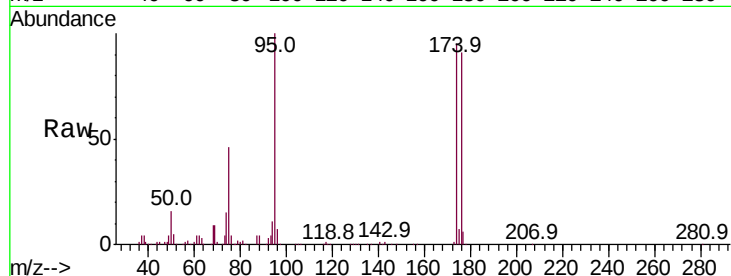
Tot Ion: 95 Resp: 225791

Ion Ratio Lower Upper

95 100

174 94.4 0.0 180.6

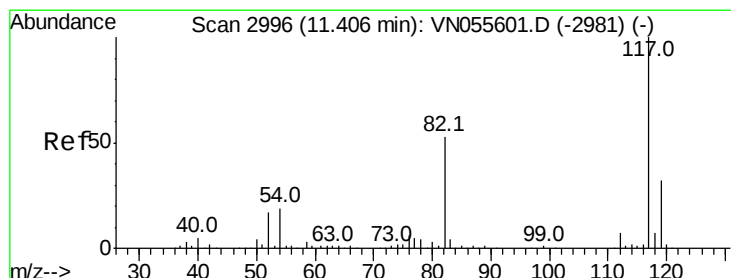
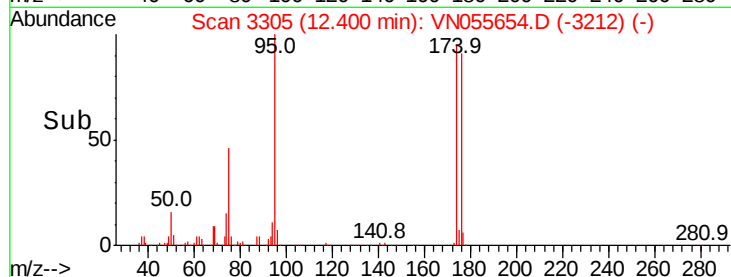
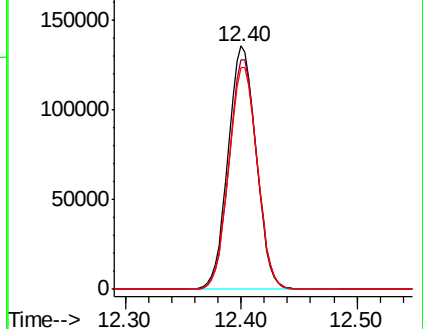
176 92.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN055601.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN055601.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN055601.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

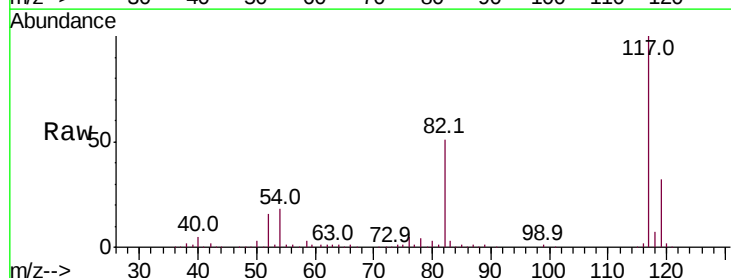
Tgt Ion: 117 Resp: 502275

Ion Ratio Lower Upper

117 100

82 51.3 42.3 63.5

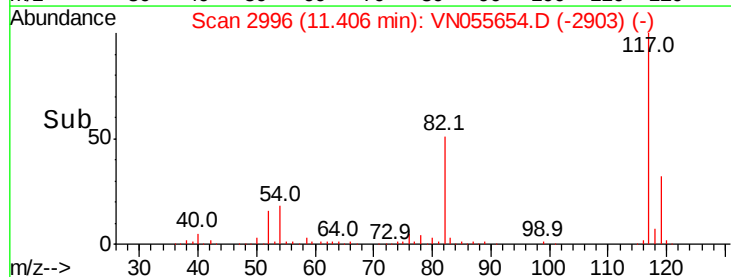
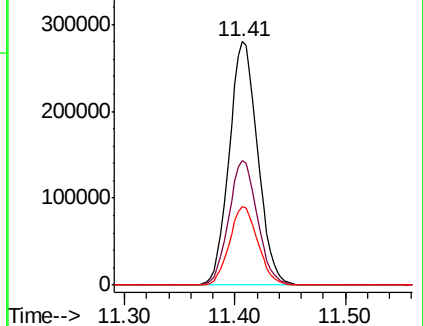
119 32.0 25.4 38.2

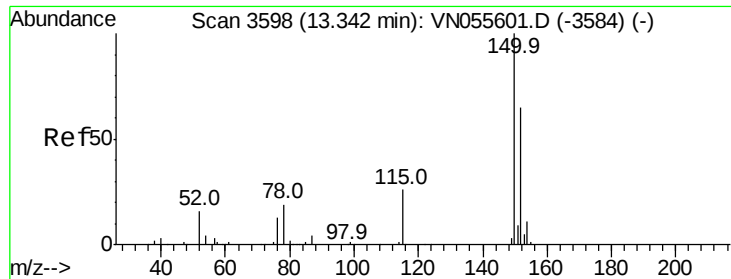


Abundance Ion 116.90 (116.60 to 117.60): VN055601.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055601.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055601.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

Instrument :

MSVOA_N

ClientSampleId :

OR-02-051619-A

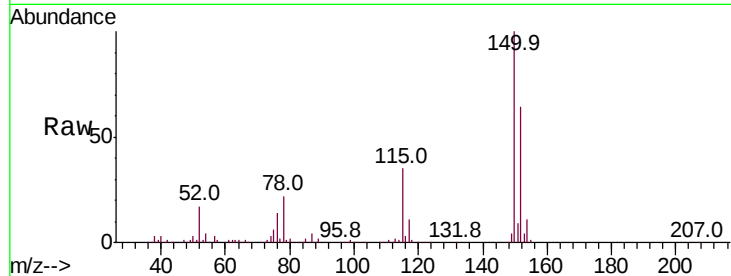
Tot Ion:152 Resp: 216108

Ion Ratio Lower Upper

152 100

115 55.2 28.1 84.2

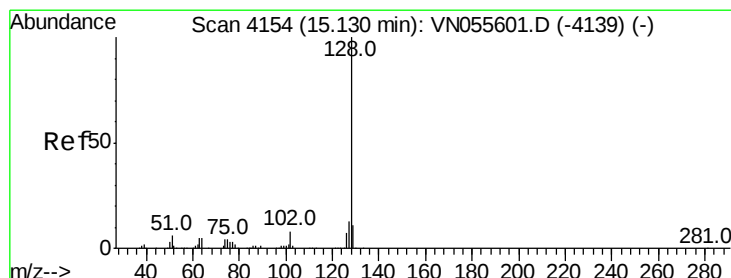
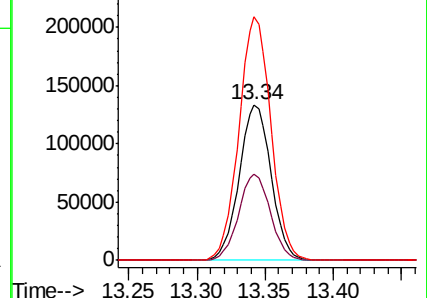
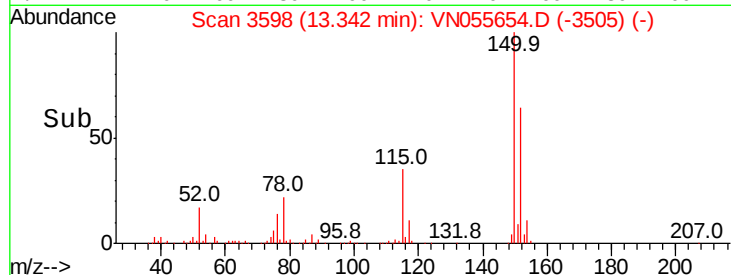
150 157.4 0.0 348.0



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: 2.177 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

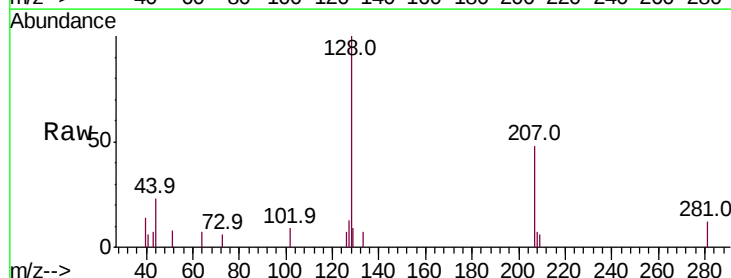
Tgt Ion:128 Resp: 4813

Ion Ratio Lower Upper

128 100

127 11.8 10.2 15.4

129 9.0 8.6 12.8



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

