

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056269.D
 Acq On : 12 Jun 2019 23:23
 Operator : JC/SP
 Sample : K3159-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-061119-A

Quant Time: Jun 13 06:42:43 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

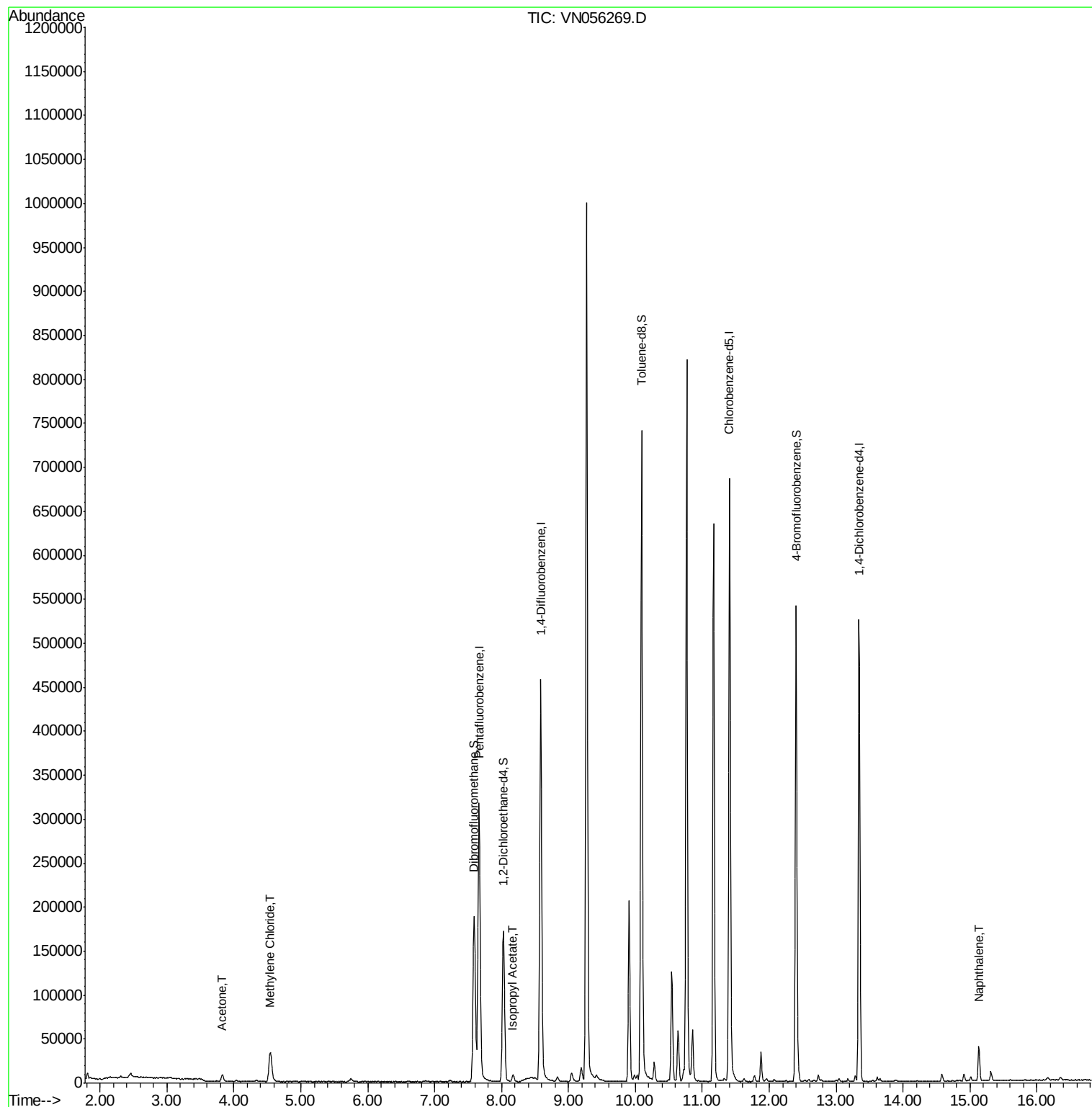
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	313398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	458512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	460545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167414	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	148426	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
35) Dibromofluoromethane	7.59	113	142787	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
50) Toluene-d8	10.09	98	559850	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.40	95	183644	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
Target Compounds						
16) Acetone	3.83	43	13392	8.998	ug/l	99
20) Methylene Chloride	4.54	84	28763	9.381	ug/l	92
43) Isopropyl Acetate	8.17	43	9480	1.668	ug/l #	90
95) Naphthalene	15.13	128	37987	8.230	ug/l	99

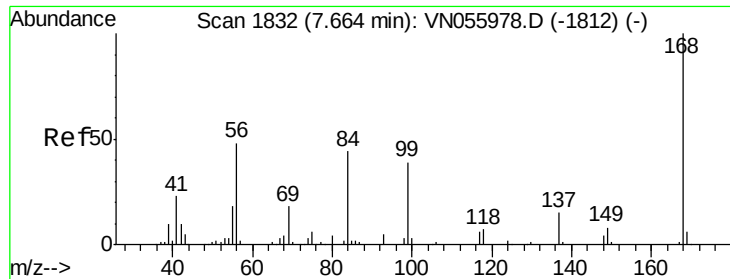
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061219\
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Acq On : 12 Jun 2019 23:23
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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: VN056269.D

Acq: 12 Jun 2019 23:23

Instrument :

MSVOA_N

ClientSampleId :

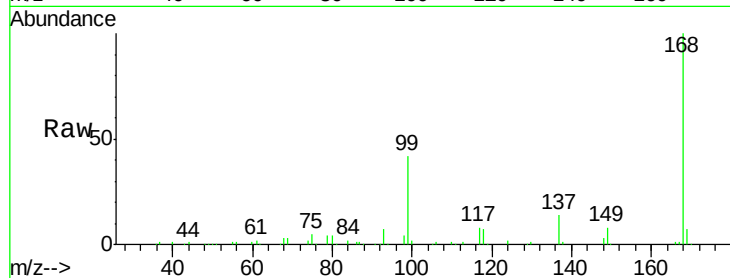
OR-03-061119-A

Tot Ion:168 Resp: 313398

Ion Ratio Lower Upper

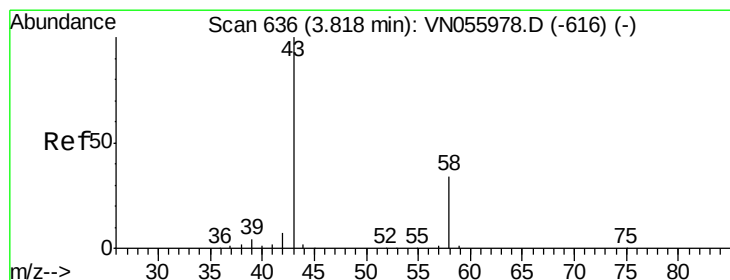
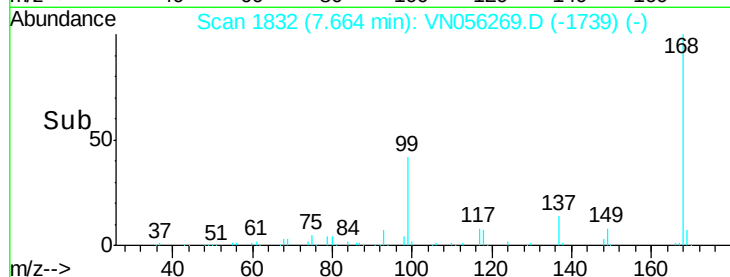
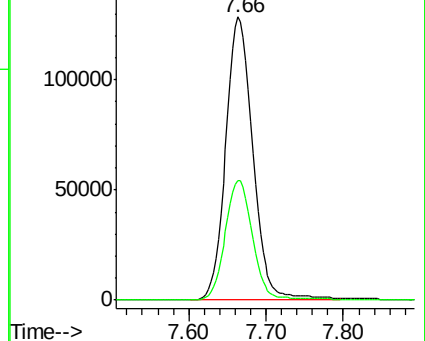
168 100

99 42.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 8.998 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056269.D

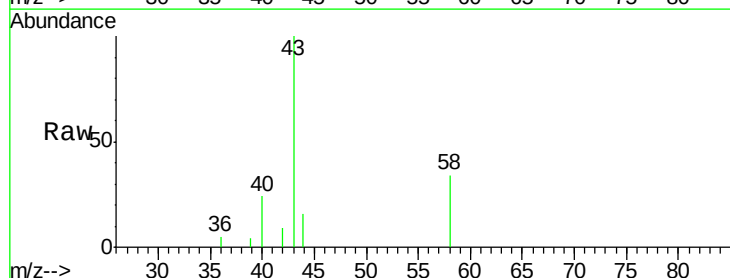
Acq: 12 Jun 2019 23:23

Tgt Ion: 43 Resp: 13392

Ion Ratio Lower Upper

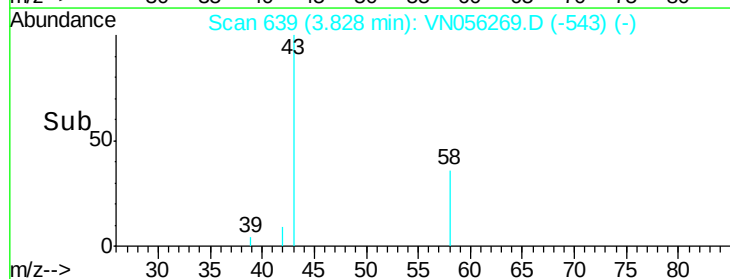
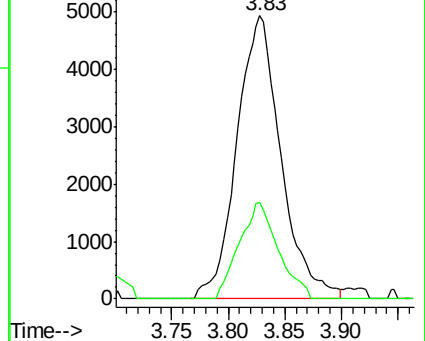
43 100

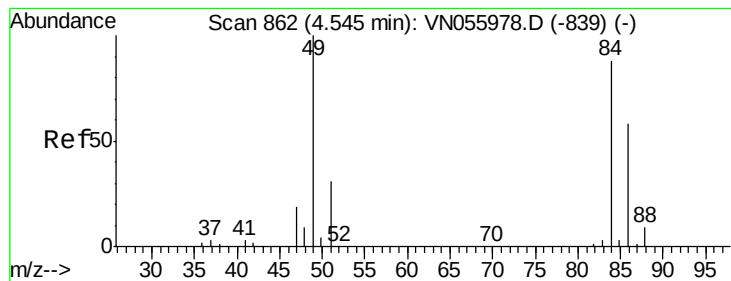
58 34.0 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methvlene Chloride

Concen: 9.381 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN056269.D

Acq: 12 Jun 2019 23:23

Instrument :

MSVOA_N

ClientSampleId :

OR-03-061119-A

Tot Ion: 84 Resp: 28763

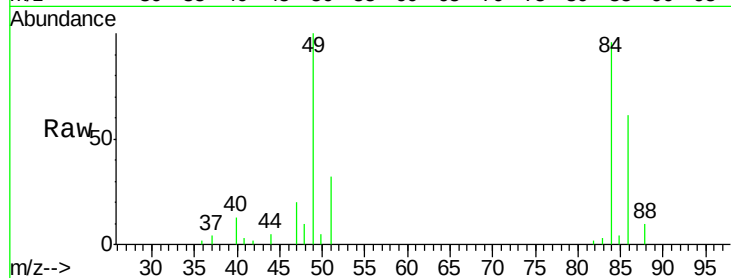
Ion Ratio Lower Upper

84 100

49 104.4 93.5 140.3

51 33.2 28.6 43.0

86 63.3 52.6 79.0

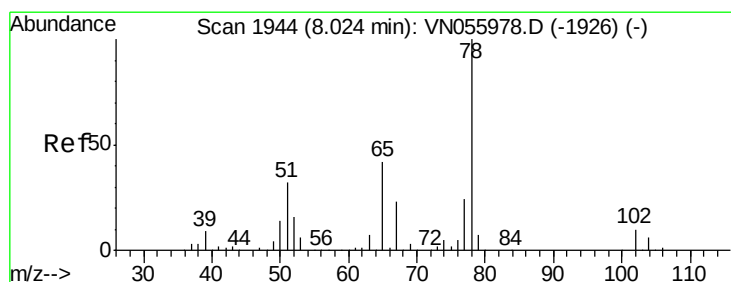
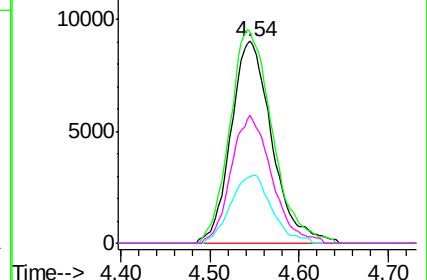
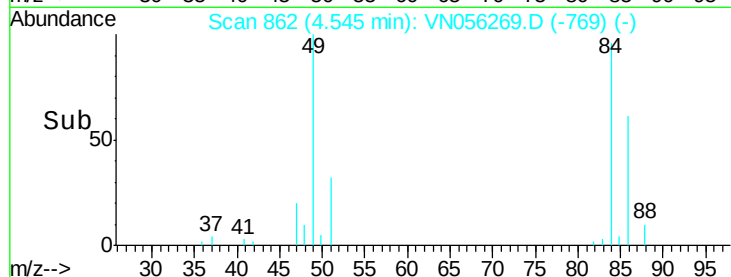


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 47.698 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056269.D

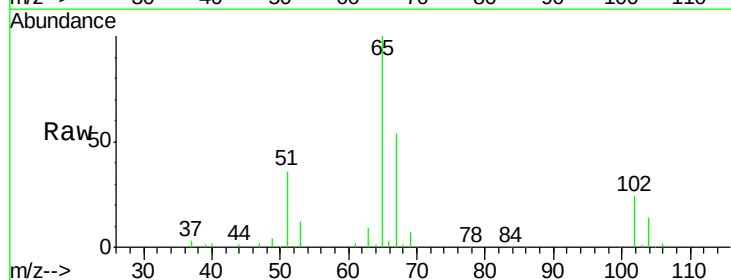
Acq: 12 Jun 2019 23:23

Tgt Ion: 65 Resp: 148426

Ion Ratio Lower Upper

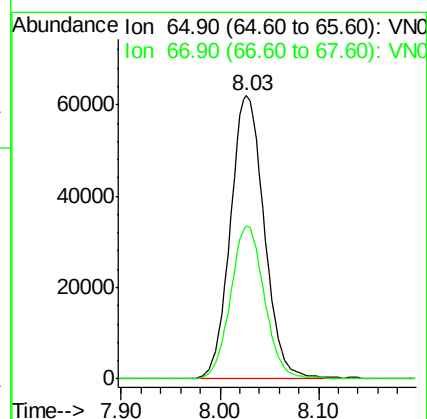
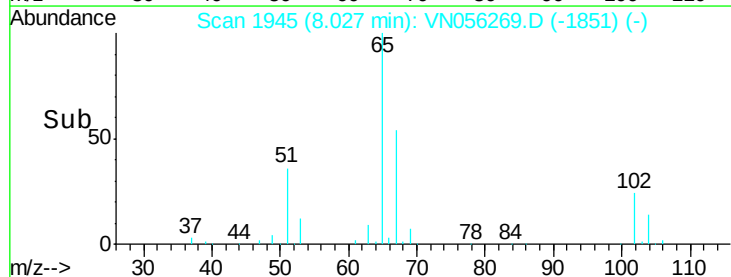
65 100

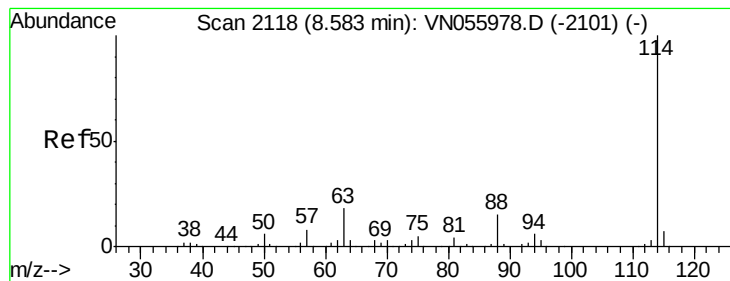
67 53.7 0.0 109.2



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: VN056269.D

Acq: 12 Jun 2019 23:23

Instrument :

MSVOA_N

ClientSampleId :

OR-03-061119-A

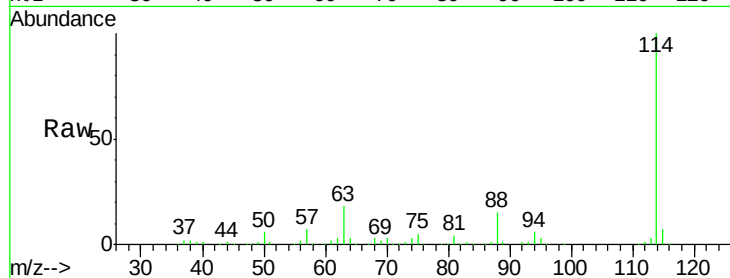
Tot Ion:114 Resp: 458512

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.2

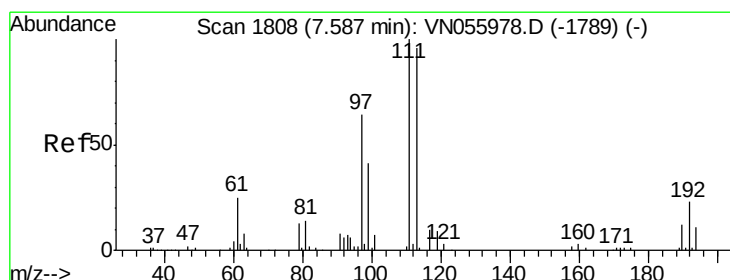
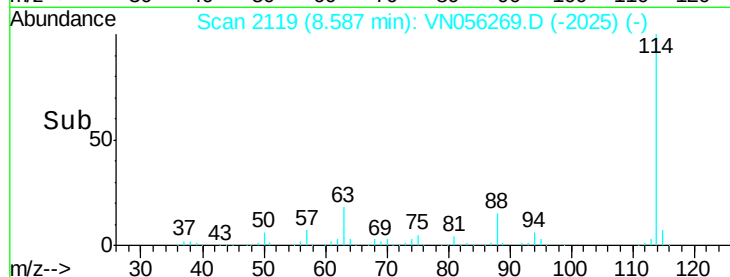
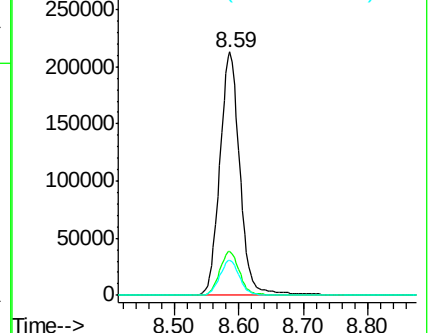
88 14.6 0.0 31.0



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: 50.757 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056269.D

Acq: 12 Jun 2019 23:23

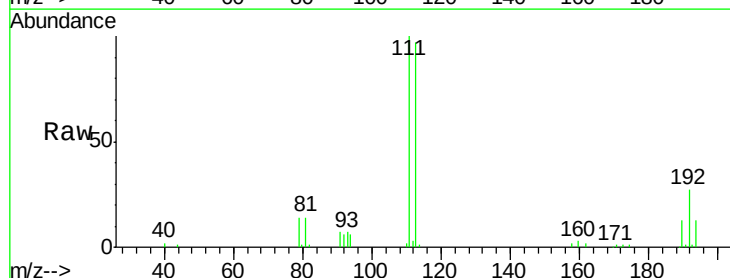
Tgt Ion:113 Resp: 142787

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

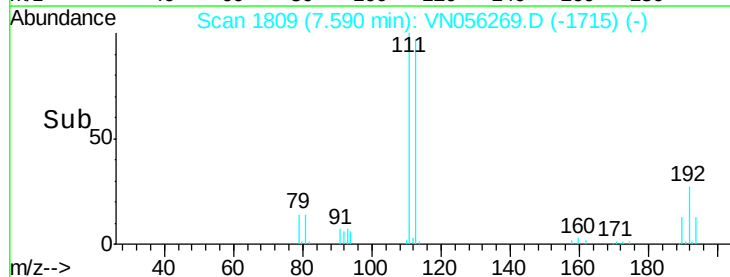
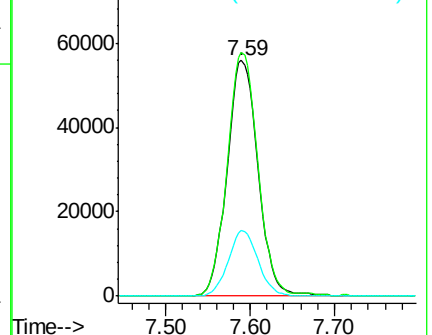
192 26.8 19.5 29.3

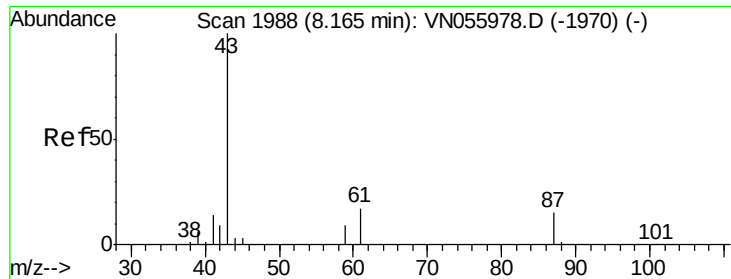


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.668 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN056269.D

Acq: 12 Jun 2019 23:23

Instrument :

MSVOA_N

ClientSampleId :

OR-03-061119-A

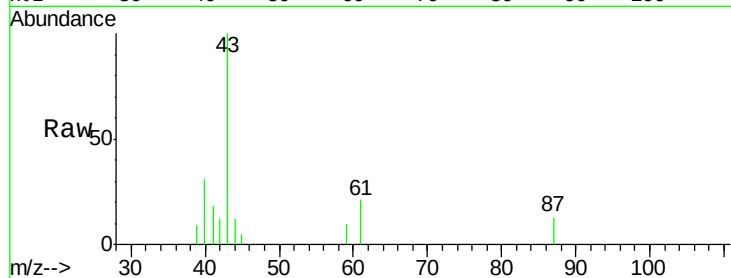
Tot Ion: 43 Resp: 9480

Ion Ratio Lower Upper

43 100

61 21.0 22.2 33.4#

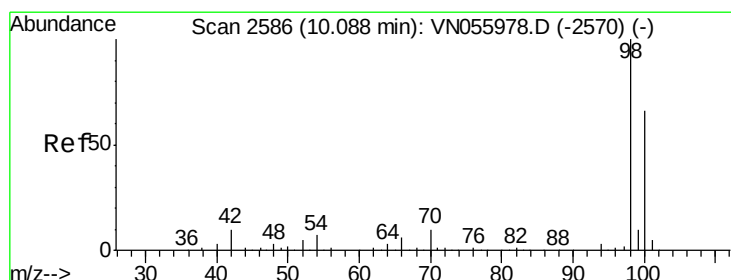
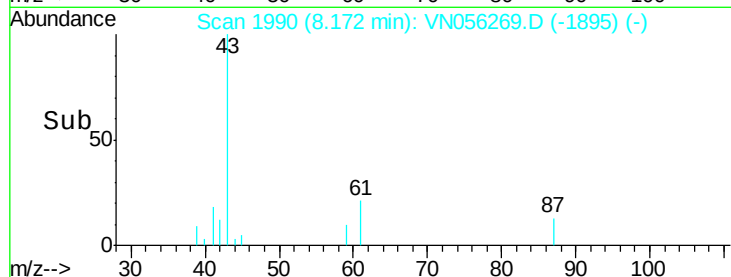
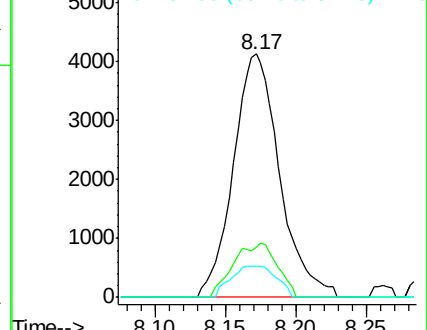
87 12.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.719 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056269.D

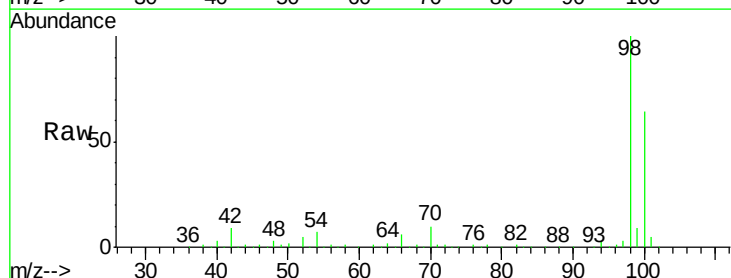
Acq: 12 Jun 2019 23:23

Tgt Ion: 98 Resp: 559850

Ion Ratio Lower Upper

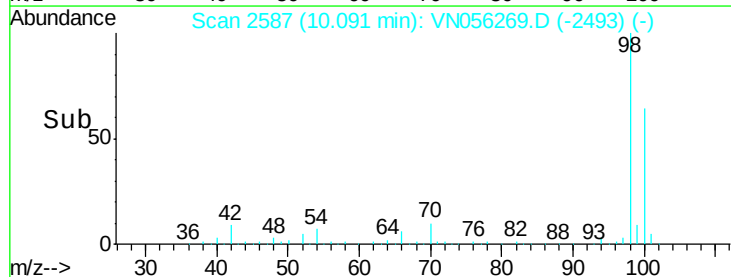
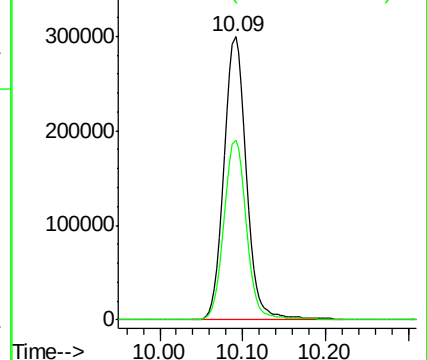
98 100

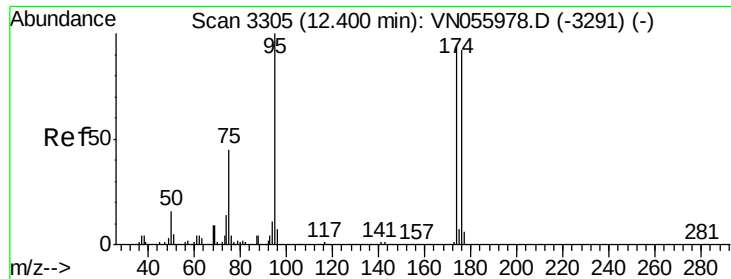
100 63.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 49.886 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056269.D

Acq: 12 Jun 2019 23:23

Instrument :

MSVOA_N

ClientSampleId :

OR-03-061119-A

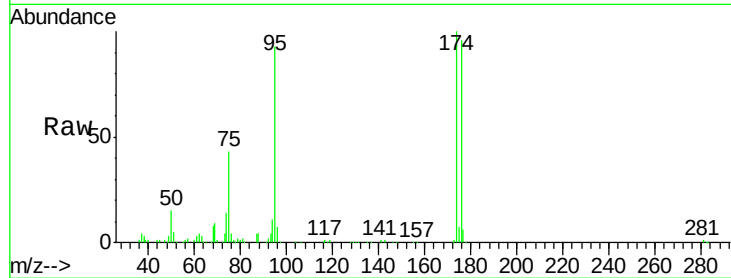
Tot Ion: 95 Resp: 183644

Ion Ratio Lower Upper

95 100

174 107.2 0.0 191.0

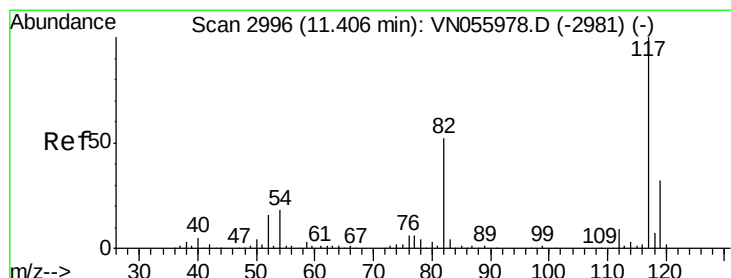
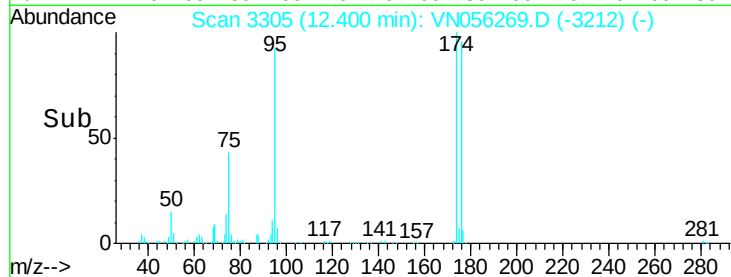
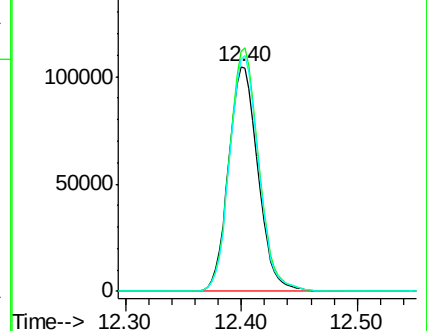
176 103.5 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056269.D

Acq: 12 Jun 2019 23:23

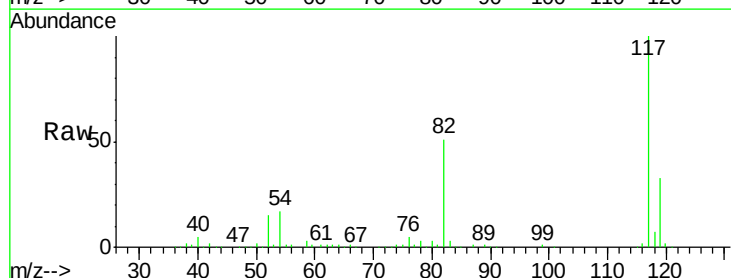
Tgt Ion: 117 Resp: 460545

Ion Ratio Lower Upper

117 100

82 50.9 41.8 62.8

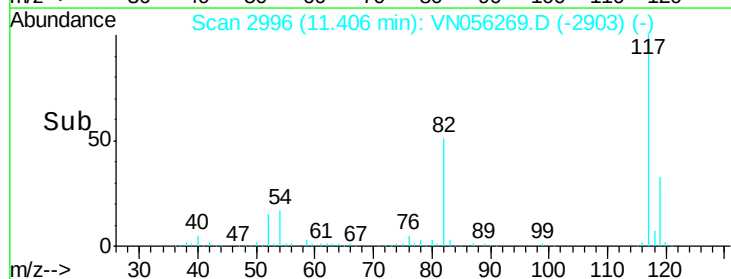
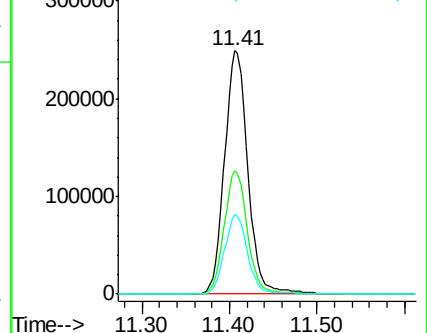
119 32.5 25.4 38.0

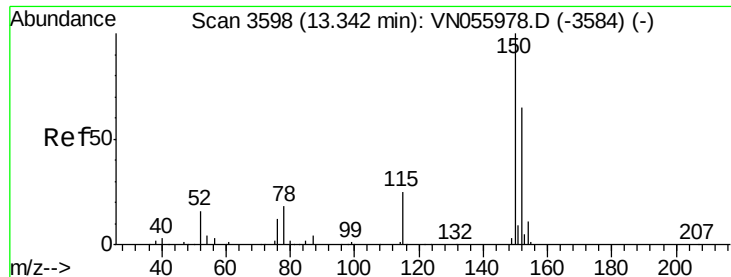


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.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: VN056269.D

Acq: 12 Jun 2019 23:23

Instrument :

MSVOA_N

ClientSampleId :

OR-03-061119-A

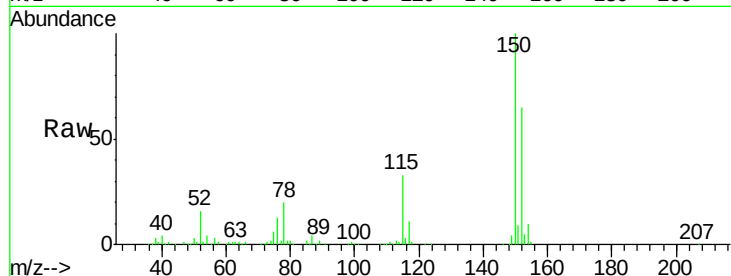
Tot Ion:152 Resp: 167414

Ion Ratio Lower Upper

152 100

115 50.8 27.0 81.0

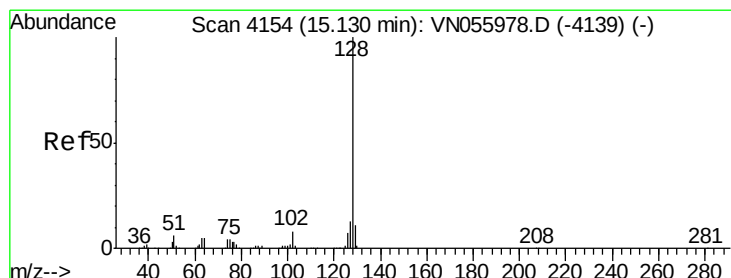
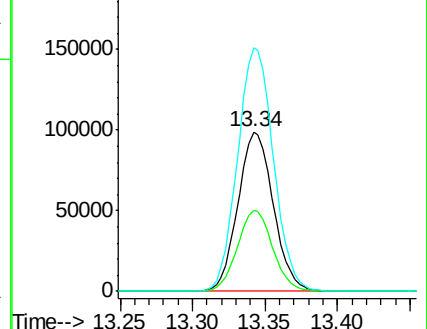
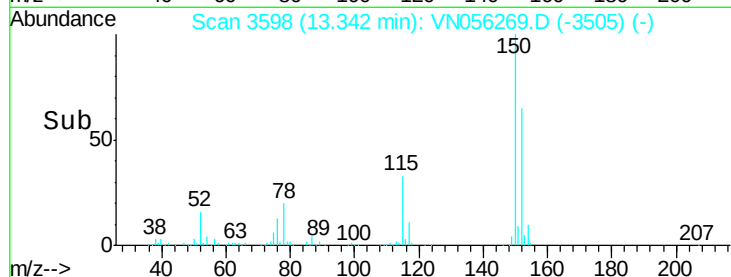
150 155.4 0.0 343.2



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: 8.230 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056269.D

Acq: 12 Jun 2019 23:23

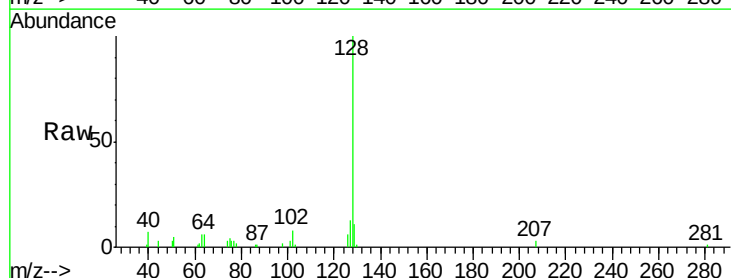
Tgt Ion:128 Resp: 37987

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

129 11.1 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

