

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055562.D
 Acq On : 10 May 2019 19:29
 Operator : JC/SP
 Sample : K2647-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-050919-A

Quant Time: May 11 02:12:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

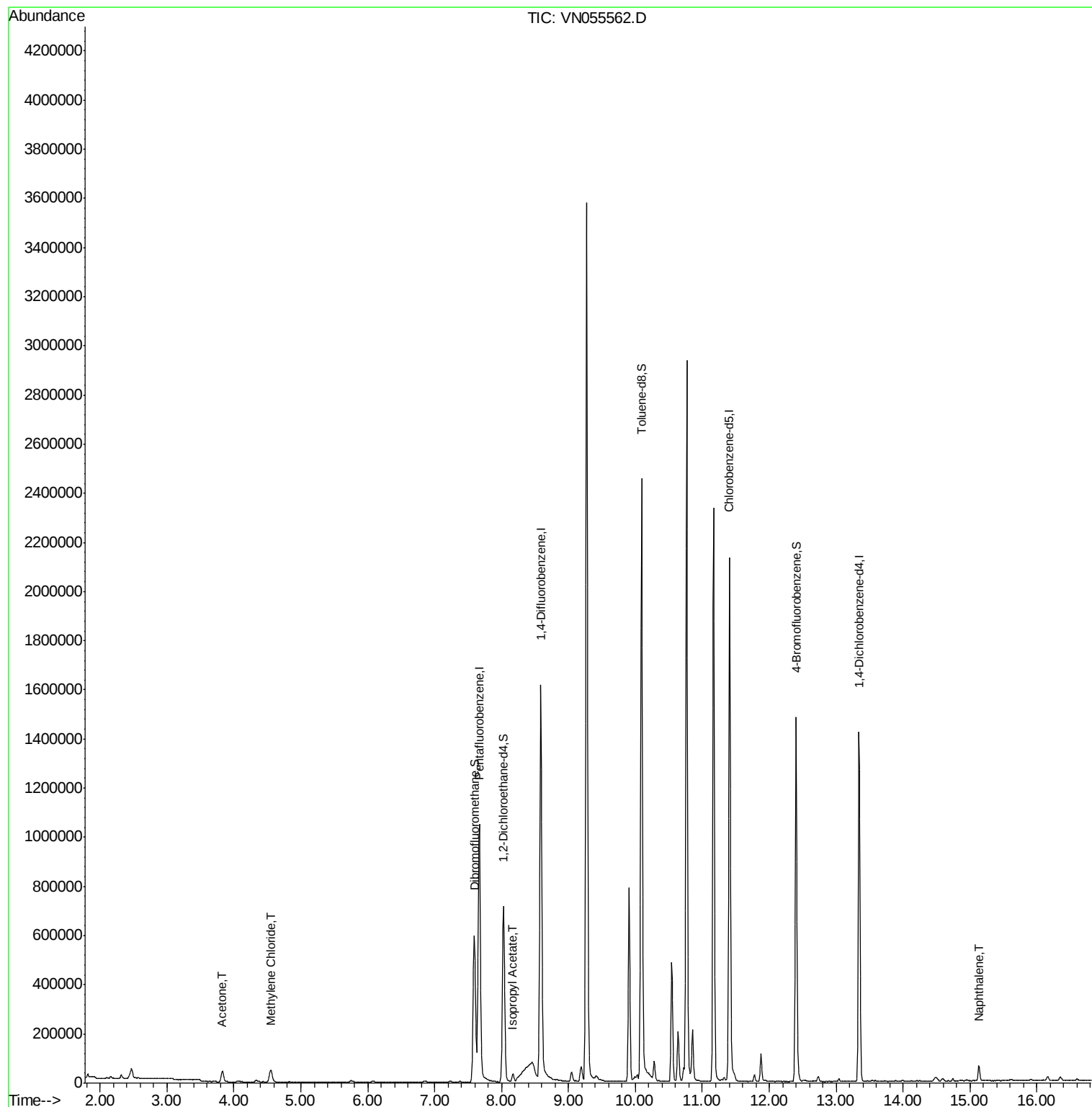
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	878595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1501455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1267785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	389826	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	601543	45.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.94%	
35) Dibromofluoromethane	7.59	113	467861	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
50) Toluene-d8	10.09	98	1829683	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.40	95	541420	42.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.08%	
Target Compounds						
16) Acetone	3.83	43	70120	11.448	ug/l	95
20) Methylene Chloride	4.55	84	35886	2.865	ug/l	95
43) Isopropyl Acetate	8.17	43	37420	1.526	ug/l	96
95) Naphthalene	15.13	128	53505	6.035	ug/l	99

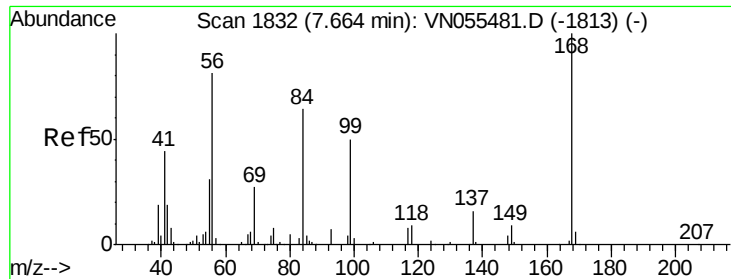
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 10 06:48:32 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: VN055562.D

Acq: 10 May 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

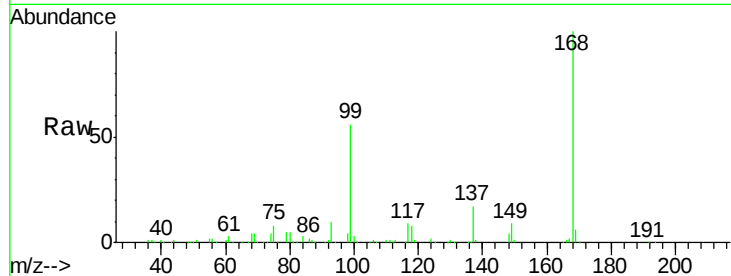
SU-02-050919-A

Tot Ion:168 Resp: 878595

Ion Ratio Lower Upper

168 100

99 56.1 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

300000

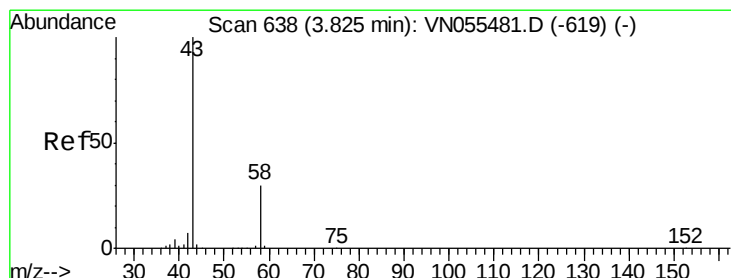
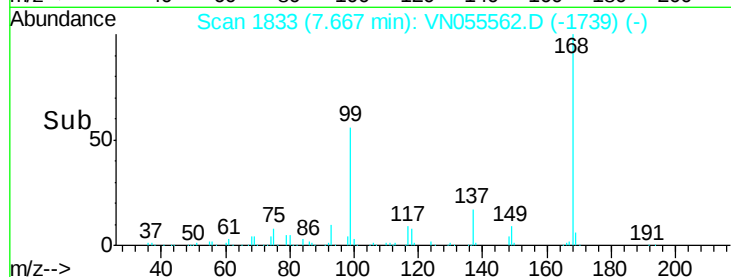
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 11.448 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN055562.D

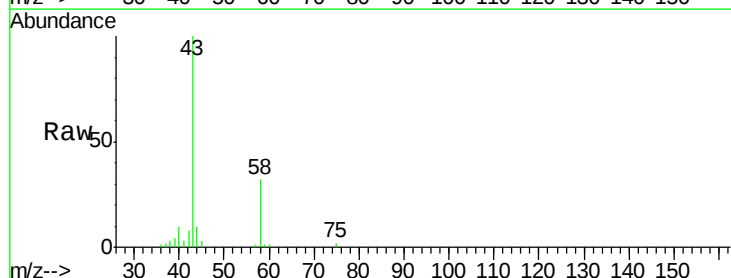
Acq: 10 May 2019 19:29

Tgt Ion: 43 Resp: 70120

Ion Ratio Lower Upper

43 100

58 32.9 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

30000

25000

20000

15000

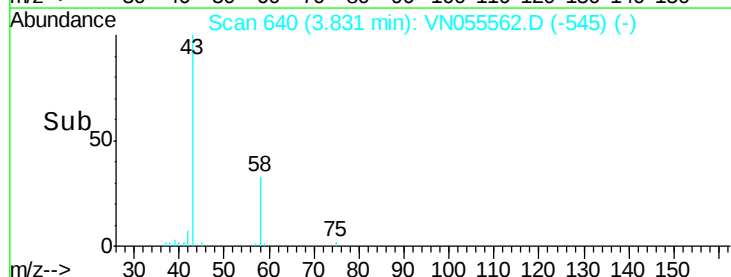
10000

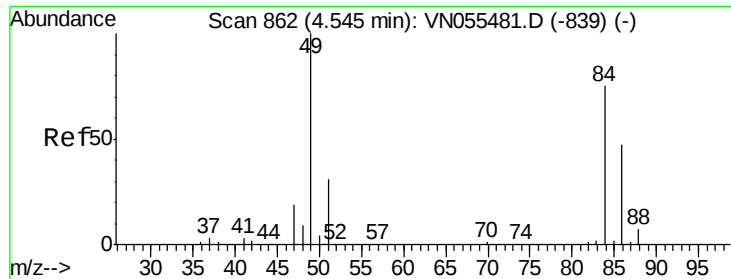
5000

0

3.70 3.80 3.90

Time-->

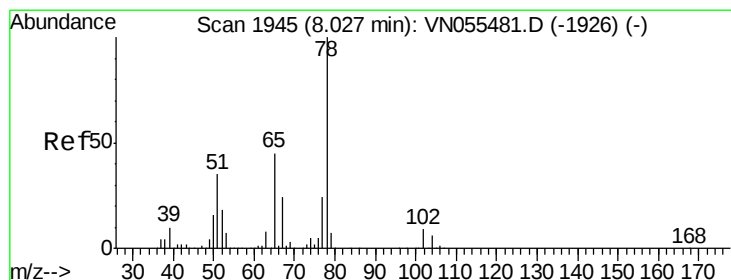
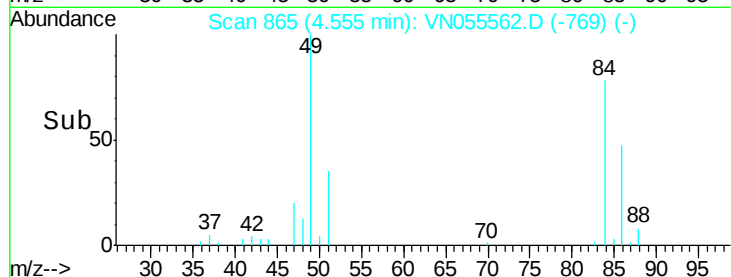
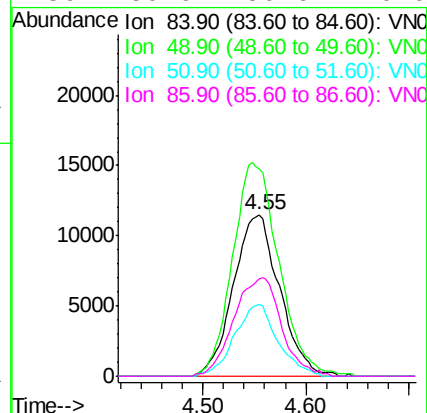
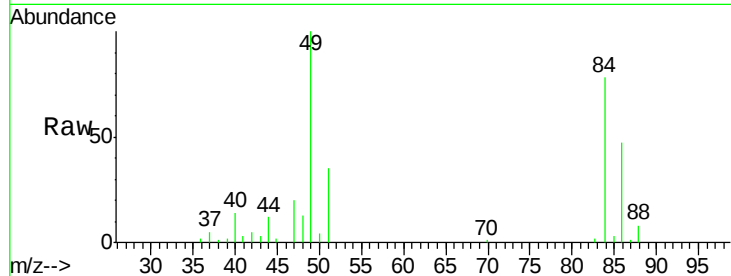




#20
Methvlene Chloride
Concen: 2.865 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN055562.D
Acq: 10 May 2019 19:29

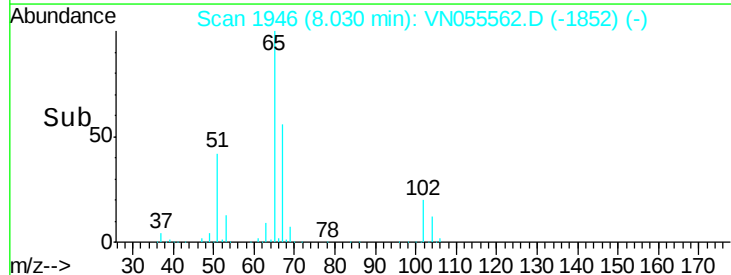
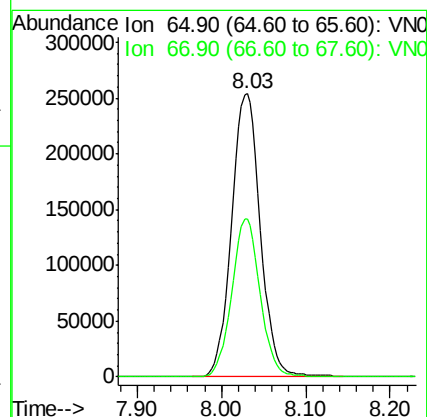
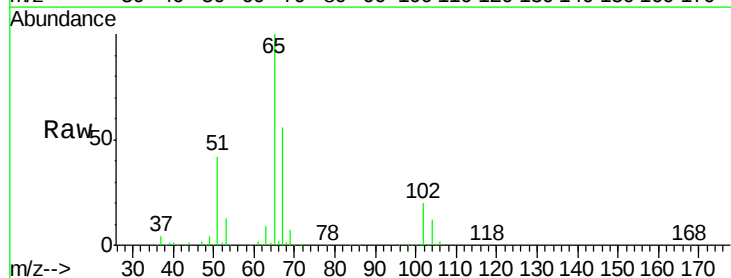
Instrument :
MSVOA_N
ClientSampleId :
SU-02-050919-A

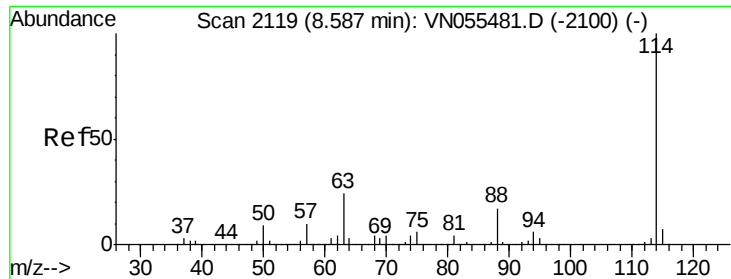
Tot Ion: 84 Resp: 35886
Ion Ratio Lower Upper
84 100
49 127.9 107.0 160.6
51 44.4 33.0 49.4
86 59.9 50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 45.473 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN055562.D
Acq: 10 May 2019 19:29

Tgt Ion: 65 Resp: 601543
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6

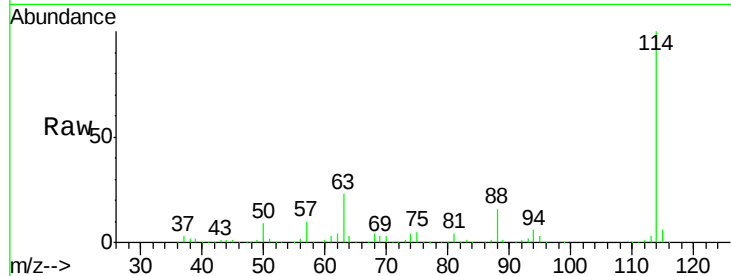




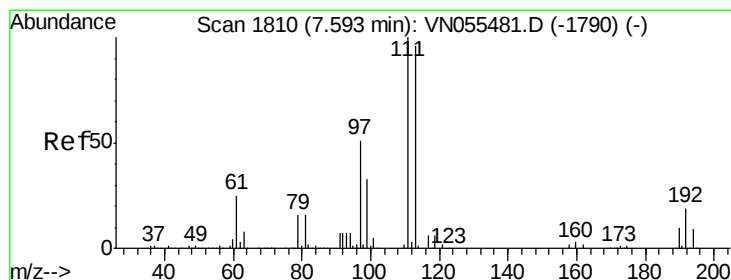
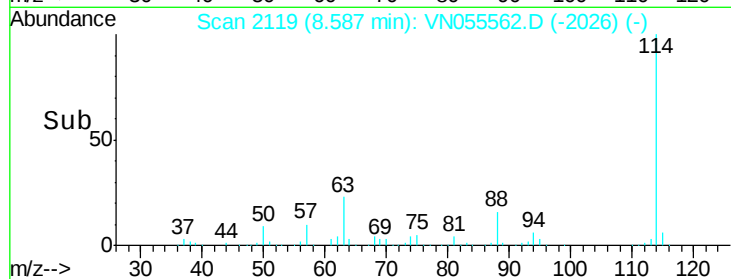
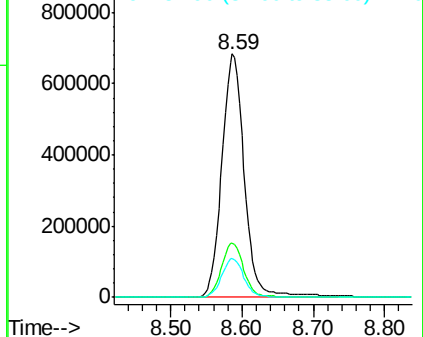
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055562.D
 Acq: 10 May 2019 19:29

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-050919-A

Tot Ion:114 Resp: 1501455
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 47.4
 88 16.2 0.0 34.0

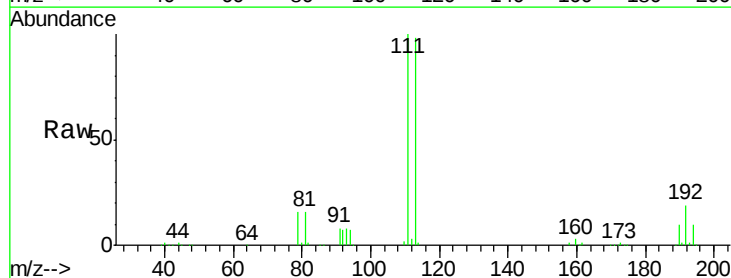


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

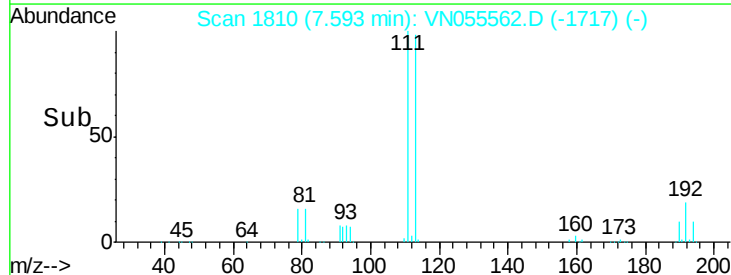
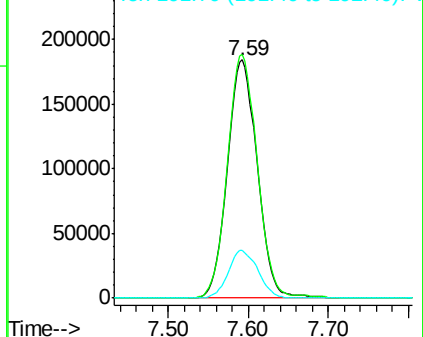


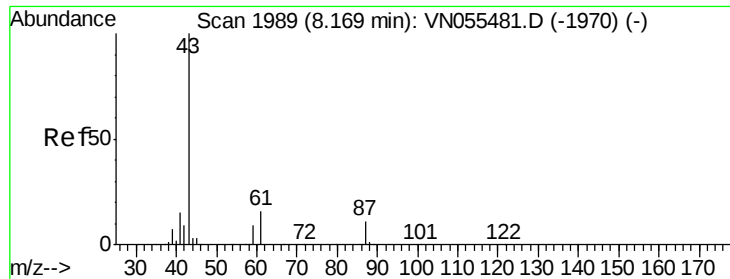
#35
 Dibromofluoromethane
 Concen: 48.305 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055562.D
 Acq: 10 May 2019 19:29

Tgt Ion:113 Resp: 467861
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.9 124.3
 192 19.8 15.6 23.4



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: 1.526 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN055562.D

Acq: 10 May 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

SU-02-050919-A

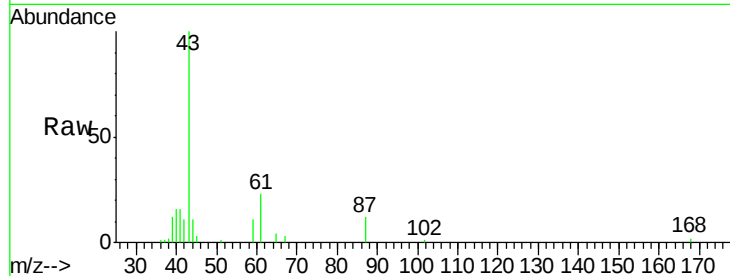
Tot Ion: 43 Resp: 37420

Ion Ratio Lower Upper

43 100

61 20.6 15.1 22.7

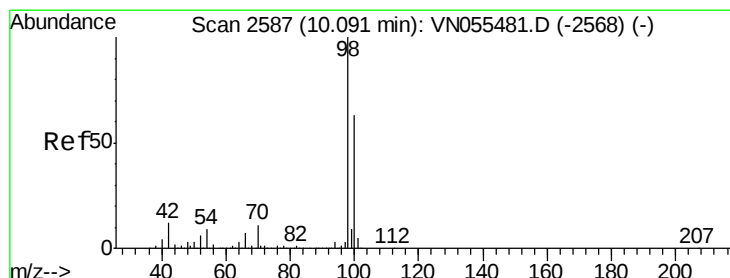
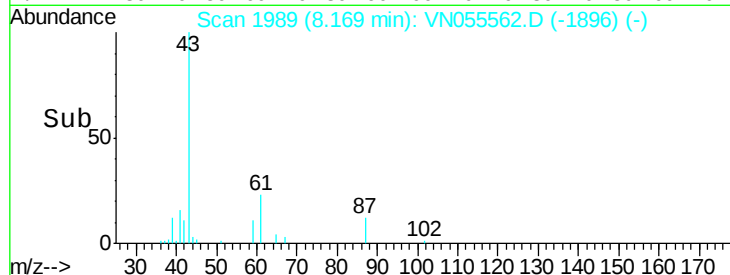
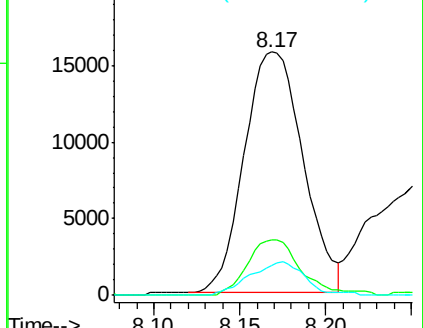
87 12.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN055562.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN055562.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN055562.D (-1896) (-)



#50

Toluene-d8

Concen: 48.476 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055562.D

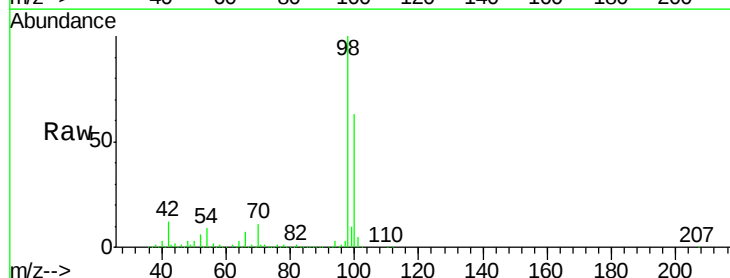
Acq: 10 May 2019 19:29

Tgt Ion: 98 Resp: 1829683

Ion Ratio Lower Upper

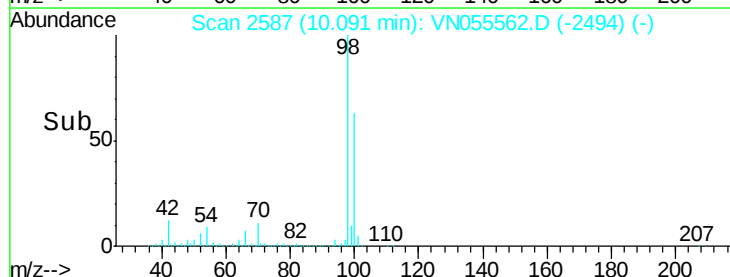
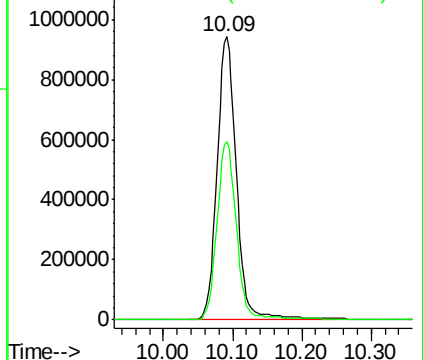
98 100

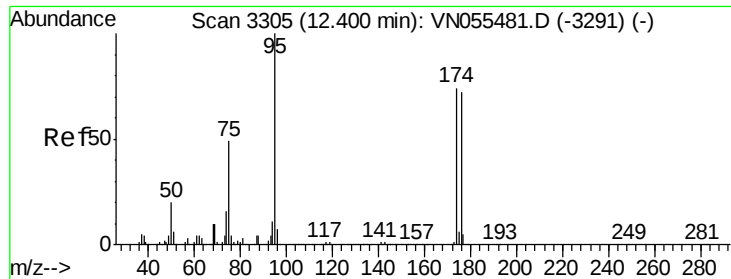
100 63.1 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN055562.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055562.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 42.542 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055562.D

Acq: 10 May 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

SU-02-050919-A

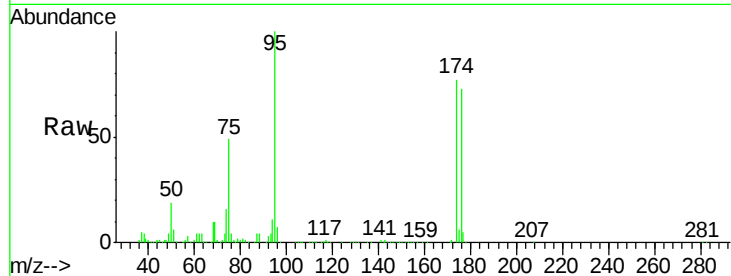
Tot Ion: 95 Resp: 541420

Ion Ratio Lower Upper

95 100

174 78.9 0.0 152.2

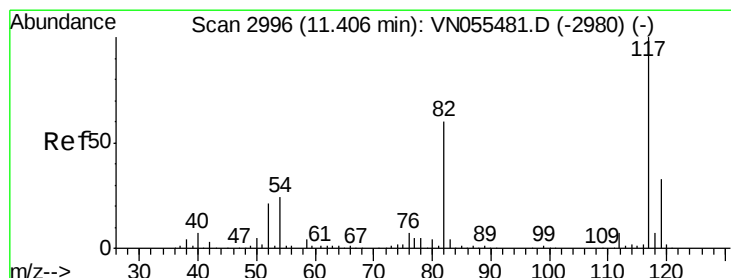
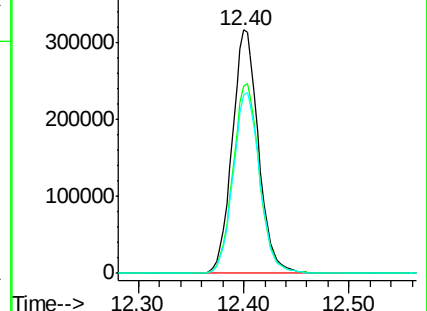
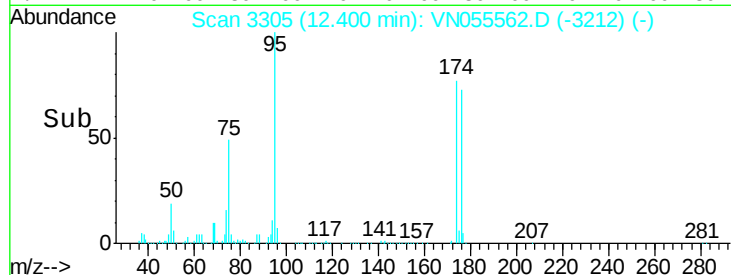
176 75.6 0.0 147.8



Abundance Ion 94.90 (94.60 to 95.60): VN055562.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055562.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055562.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055562.D

Acq: 10 May 2019 19:29

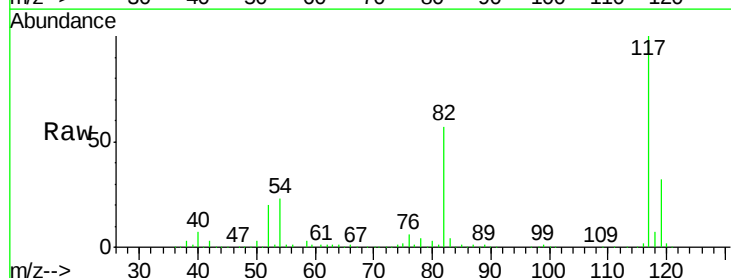
Tgt Ion: 117 Resp: 1267785

Ion Ratio Lower Upper

117 100

82 57.3 48.0 72.0

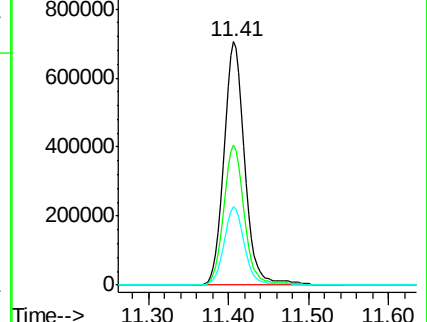
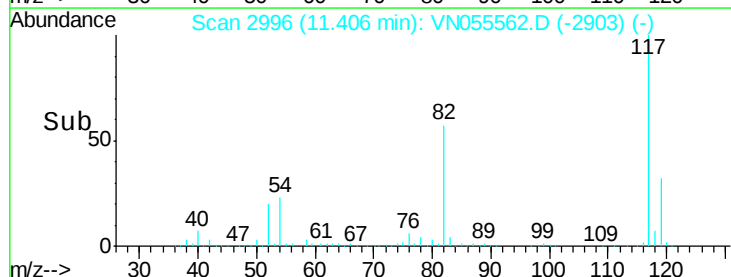
119 32.0 26.0 39.0

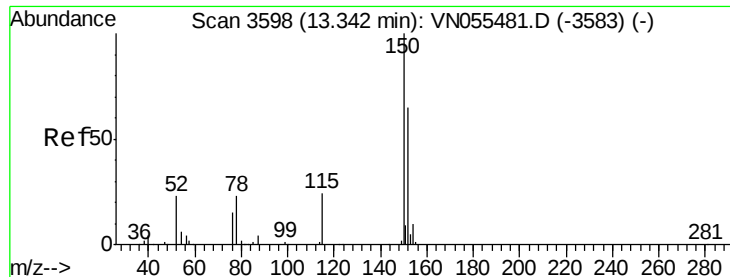


Abundance Ion 116.90 (116.60 to 117.60): VN055562.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055562.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055562.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055562.D

Acq: 10 May 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

SU-02-050919-A

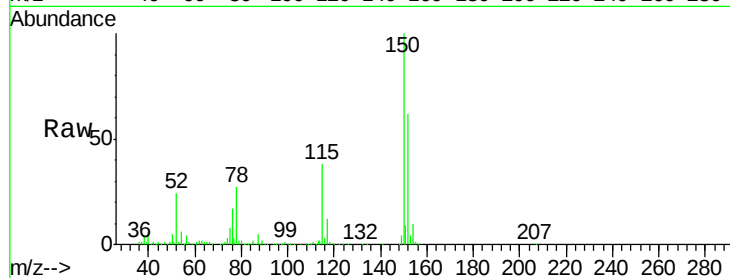
Tot Ion:152 Resp: 389826

Ion Ratio Lower Upper

152 100

115 60.3 30.1 90.5

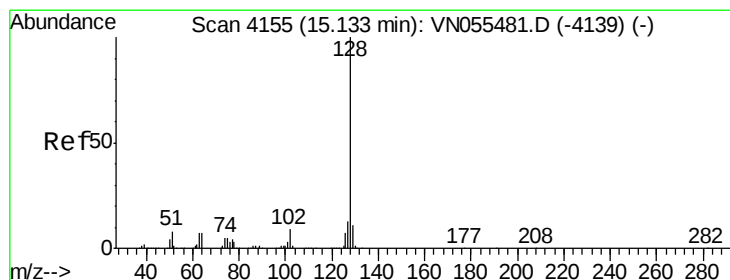
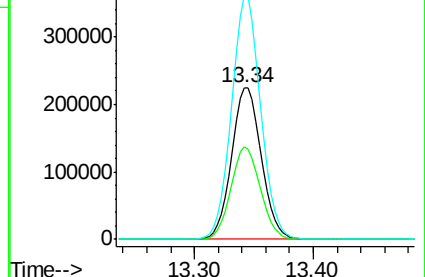
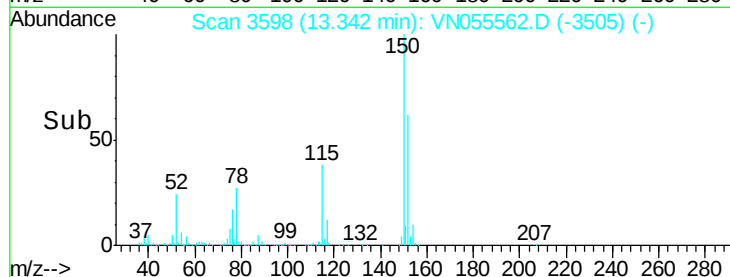
150 156.9 0.0 355.0



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: 6.035 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN055562.D

Acq: 10 May 2019 19:29

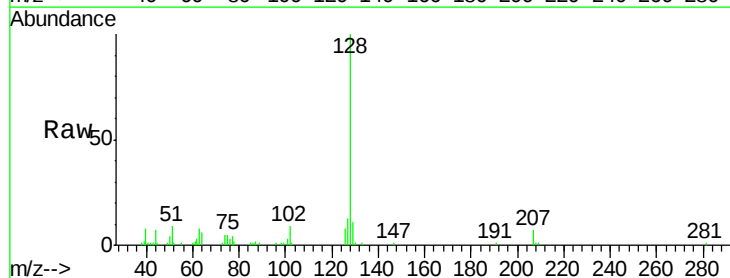
Tgt Ion:128 Resp: 53505

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 10.7 8.8 13.2



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

