

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042219\
 Data File : VN055189.D
 Acq On : 22 Apr 2019 18:35
 Operator : JC/SP
 Sample : K2515-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-13

Quant Time: Apr 23 06:35:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

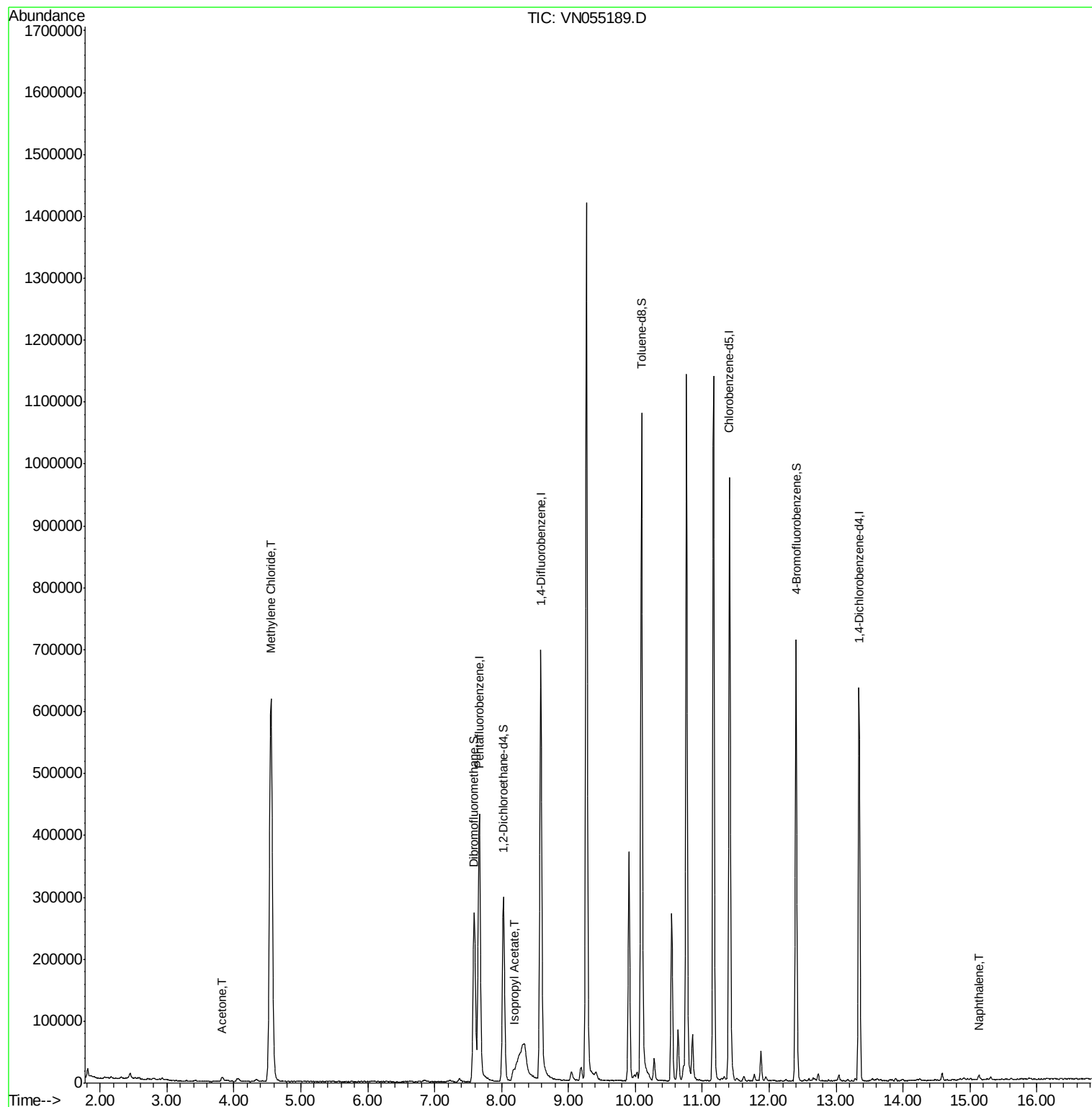
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	370179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	636921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	572219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	173572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	255248	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
35) Dibromofluoromethane	7.59	113	210730	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
50) Toluene-d8	10.09	98	787962	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.40	95	242191	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
Target Compounds						
16) Acetone	3.82	43	12850	7.758	ug/l	96
20) Methylene Chloride	4.55	84	434888	91.329	ug/l	99
43) Isopropyl Acetate	8.18	43	23826	3.084	ug/l #	81
95) Naphthalene	15.13	128	6144	4.417	ug/l #	90

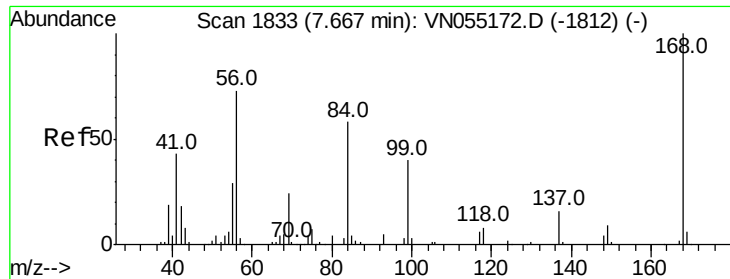
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042219\
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Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 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: VN055189.D

Acq: 22 Apr 2019 18:35

Instrument :

MSVOA_N

ClientSampled :

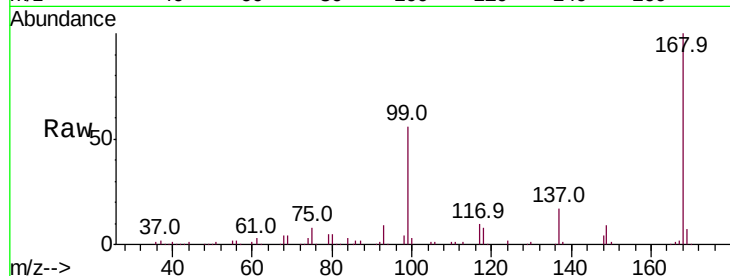
TP-13

Tot Ion:168 Resp: 370179

Ion Ratio Lower Upper

168 100

99 55.7 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN055172.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055172.D (-1812) (-)

7.67

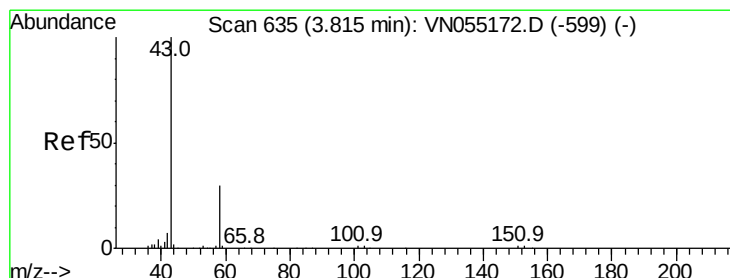
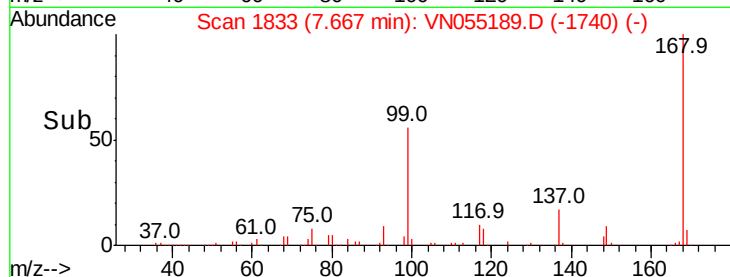
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.758 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055189.D

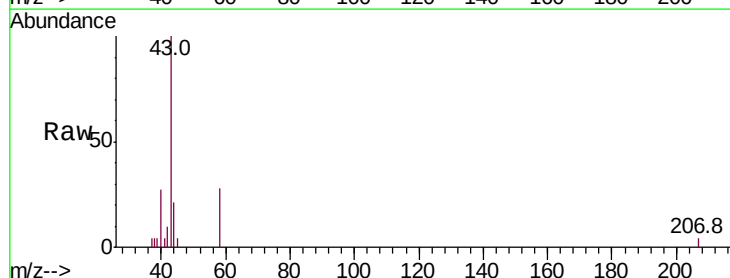
Acq: 22 Apr 2019 18:35

Tgt Ion: 43 Resp: 12850

Ion Ratio Lower Upper

43 100

58 27.8 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN055172.D (-599) (-)

3.82

5000

4000

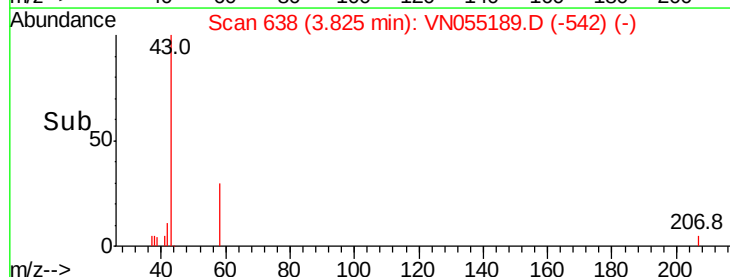
3000

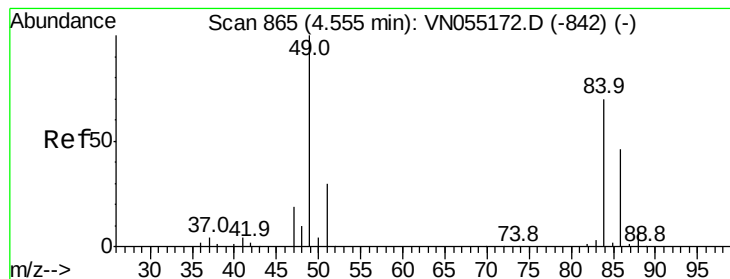
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 91.329 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN055189.D

Acq: 22 Apr 2019 18:35

Instrument :

MSVOA_N

ClientSampled :

TP-13

Tot Ion: 84 Resp: 434888

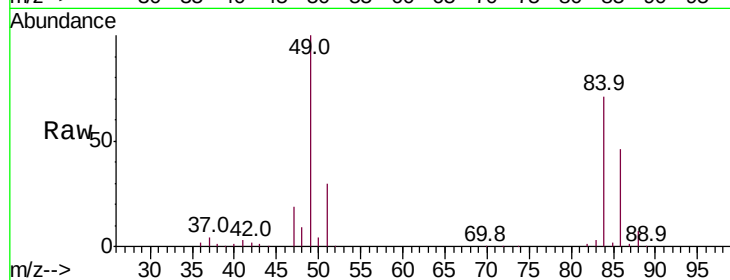
Ion Ratio Lower Upper

84 100

49 141.8 113.8 170.6

51 42.9 34.0 51.0

86 64.7 52.3 78.5

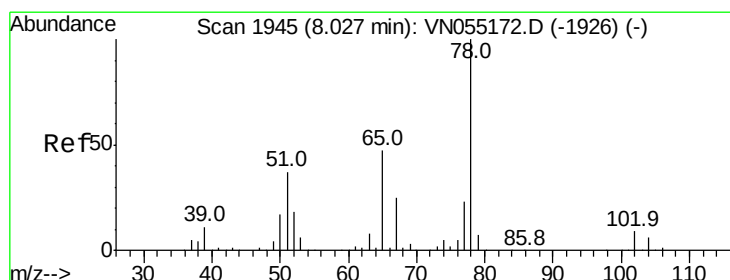
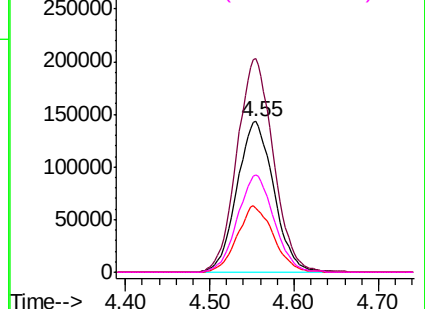
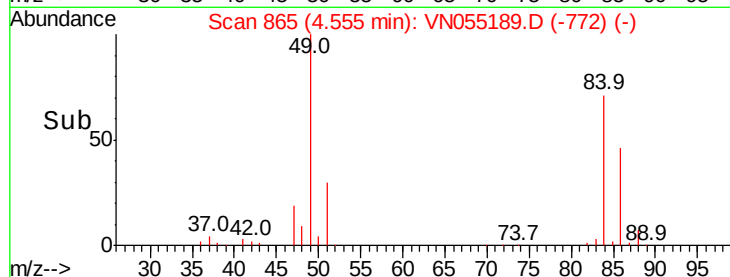


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 50.943 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055189.D

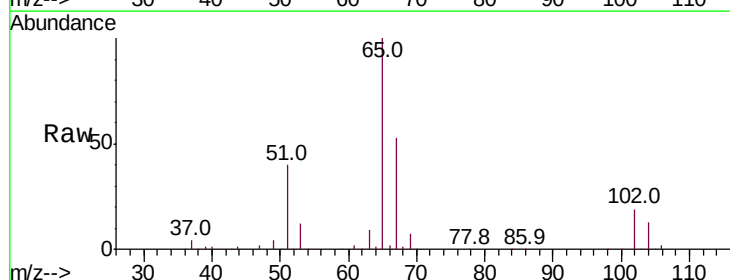
Acq: 22 Apr 2019 18:35

Tgt Ion: 65 Resp: 255248

Ion Ratio Lower Upper

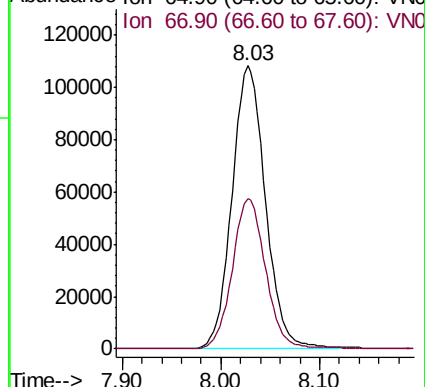
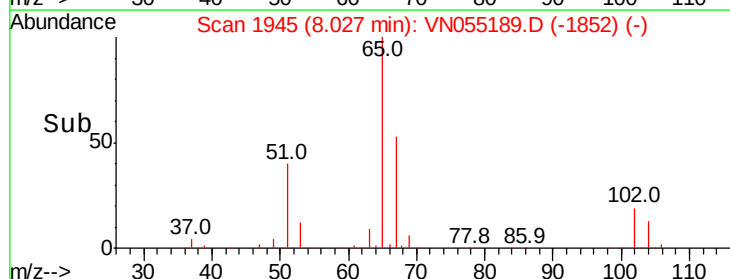
65 100

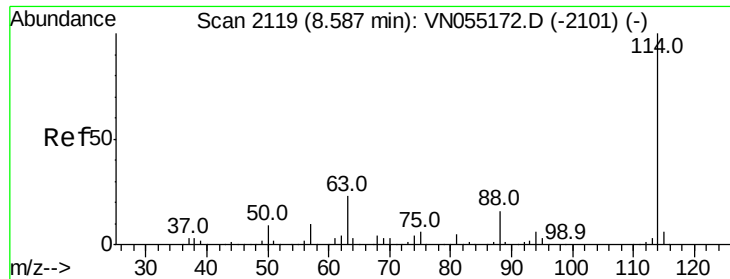
67 52.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

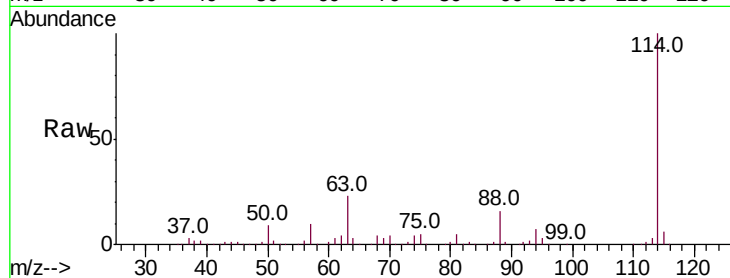




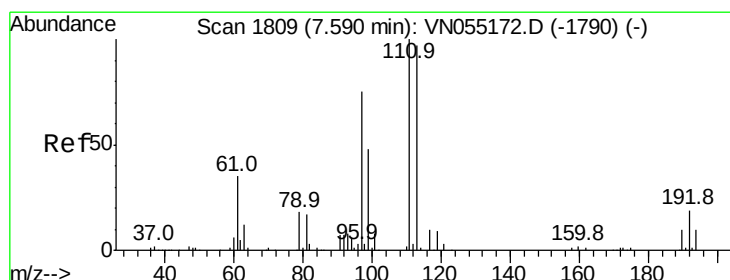
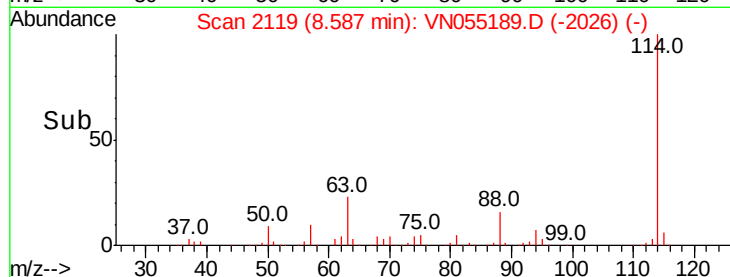
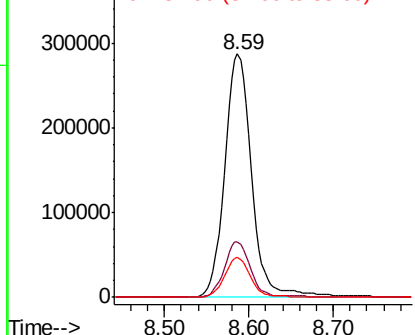
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055189.D
 Acq: 22 Apr 2019 18:35

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-13

Tot Ion:114 Resp: 636921
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.2
 88 16.3 0.0 32.8

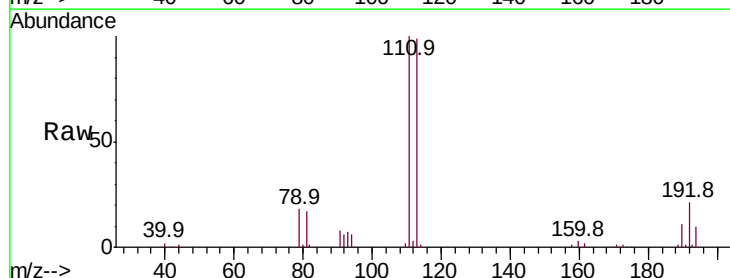


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

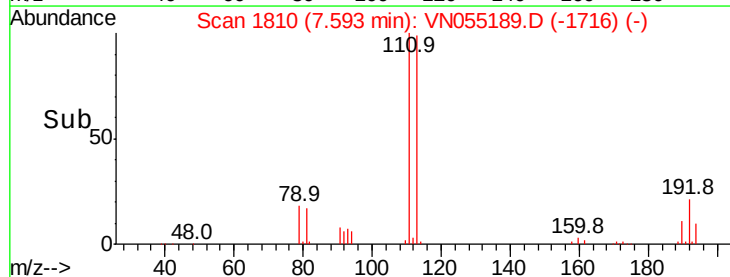
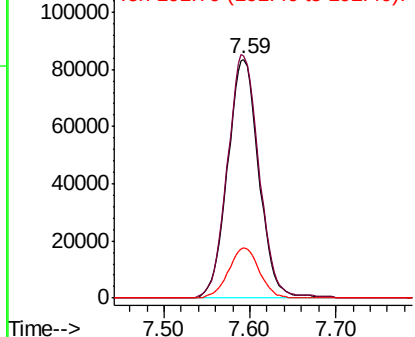


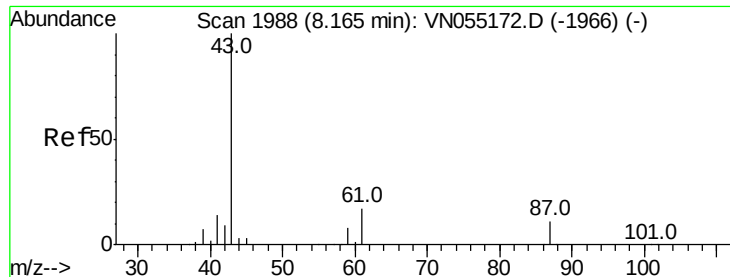
#35
 Dibromofluoromethane
 Concen: 48.702 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055189.D
 Acq: 22 Apr 2019 18:35

Tgt Ion:113 Resp: 210730
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.0 121.4
 192 20.7 16.2 24.4



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: 3.084 ug/l

RT: 8.18 min Scan# 1993

Delta R.T. 0.02 min

Lab File: VN055189.D

Acq: 22 Apr 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

TP-13

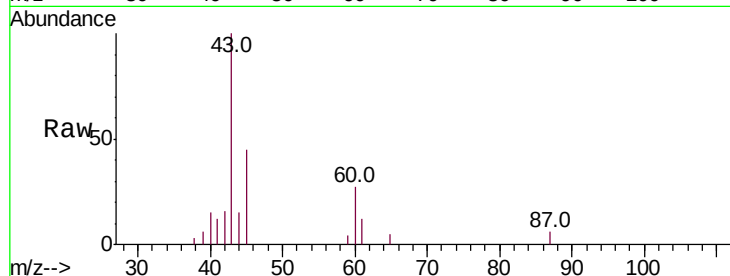
Tot Ion: 43 Resp: 23826

Ion Ratio Lower Upper

43 100

61 14.4 20.6 30.8#

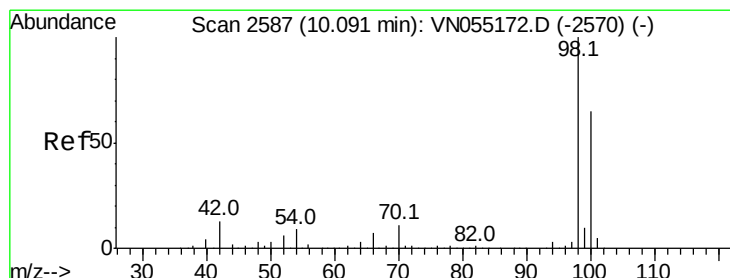
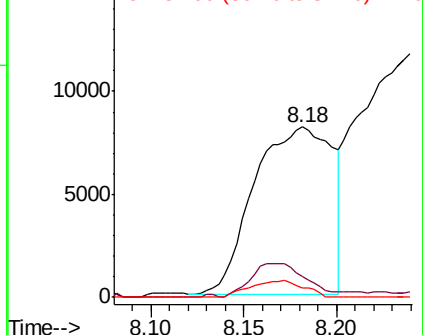
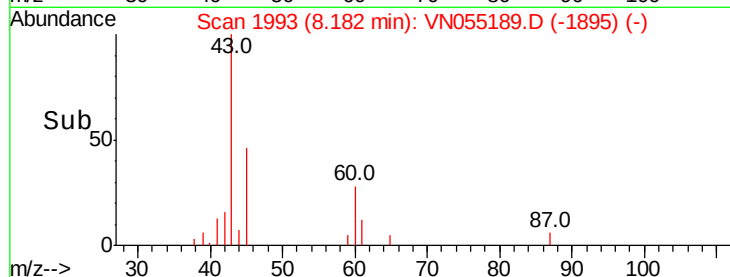
87 6.9 8.8 13.2#



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: 49.150 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055189.D

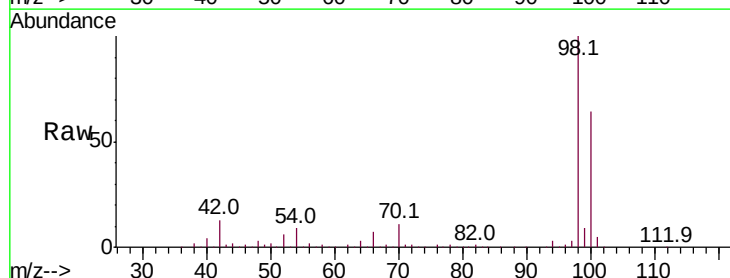
Acq: 22 Apr 2019 18:35

Tgt Ion: 98 Resp: 787962

Ion Ratio Lower Upper

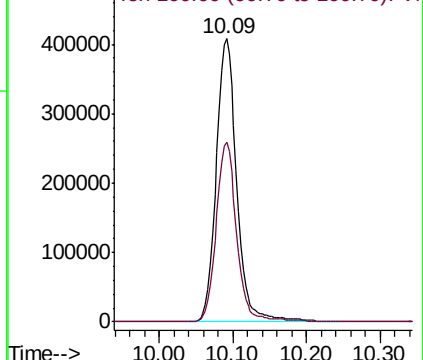
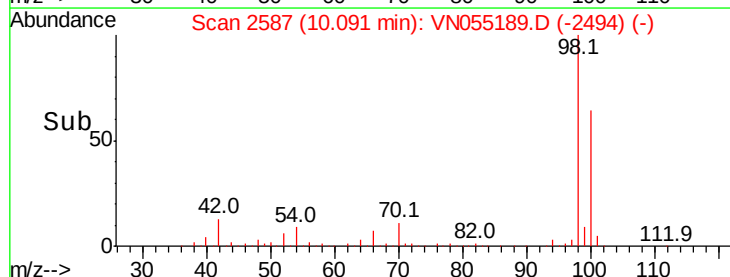
98 100

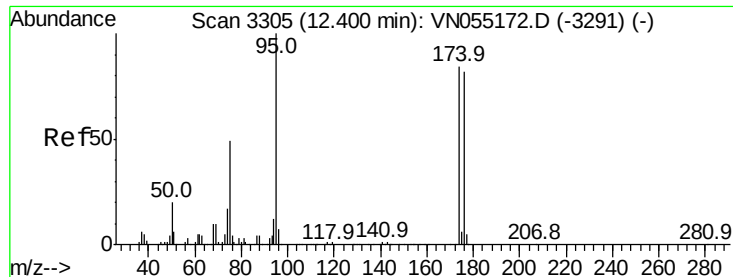
100 63.5 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.705 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055189.D

Acq: 22 Apr 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

TP-13

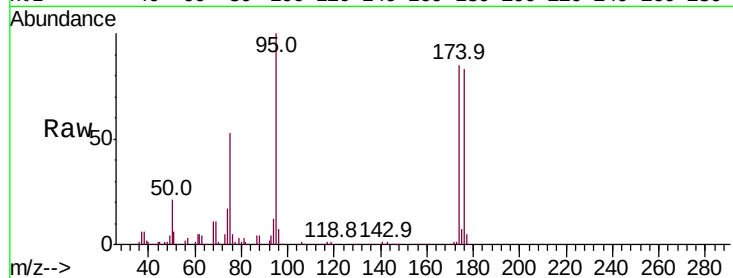
Tot Ion: 95 Resp: 242191

Ion Ratio Lower Upper

95 100

174 84.8 0.0 168.4

176 81.5 0.0 164.0



Abundance Ion 94.90 (94.60 to 95.60): VN055172.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055172.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055172.D (-3291) (-)

12.40

150000

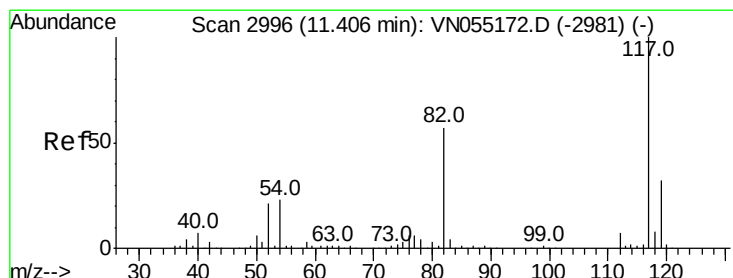
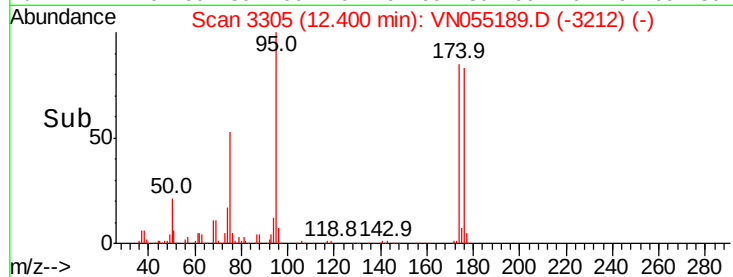
100000

50000

0

12.35 12.40 12.45

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055189.D

Acq: 22 Apr 2019 18:35

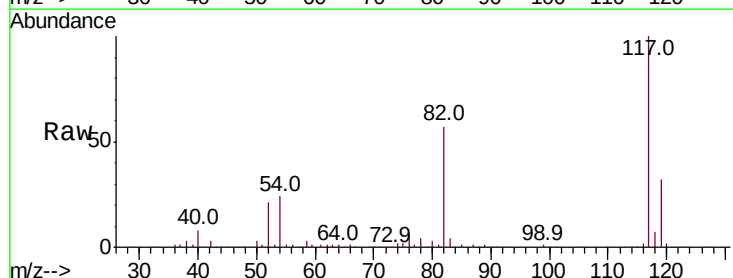
Tgt Ion: 117 Resp: 572219

Ion Ratio Lower Upper

117 100

82 56.7 45.7 68.5

119 32.5 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN055172.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055172.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055172.D (-2981) (-)

11.41

400000

300000

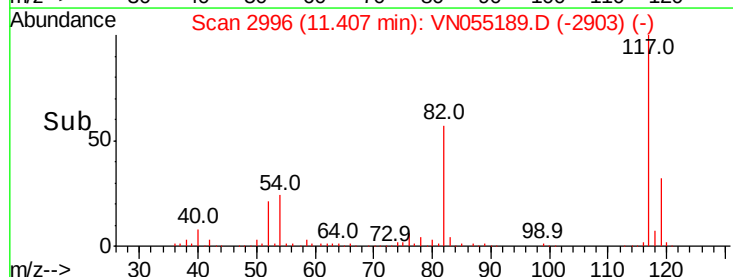
200000

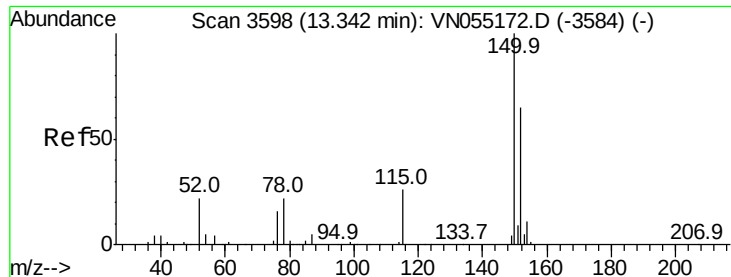
100000

0

11.30 11.40 11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055189.D

Acq: 22 Apr 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

TP-13

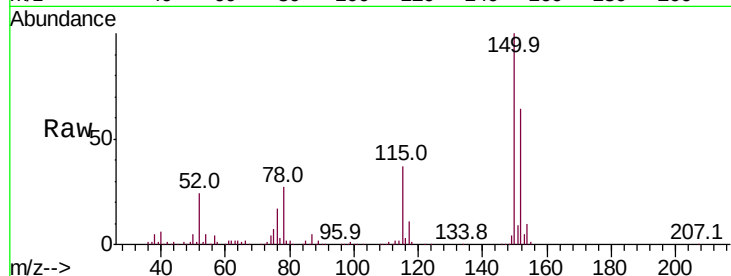
Tot Ion:152 Resp: 173572

Ion Ratio Lower Upper

152 100

115 56.9 28.9 86.7

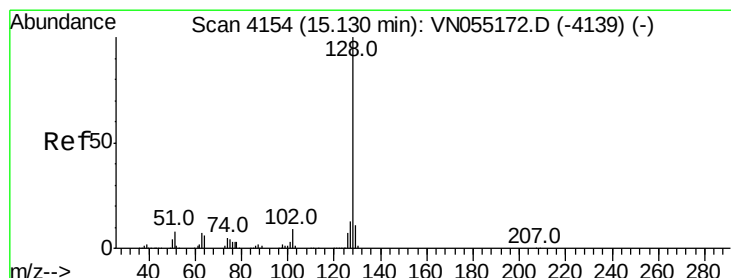
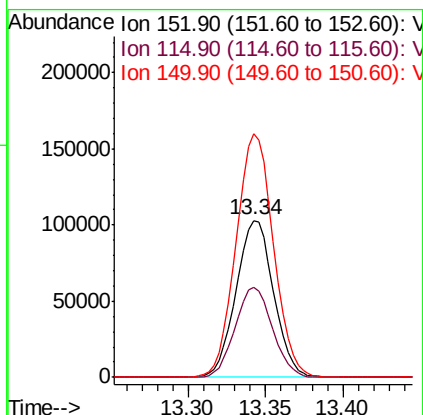
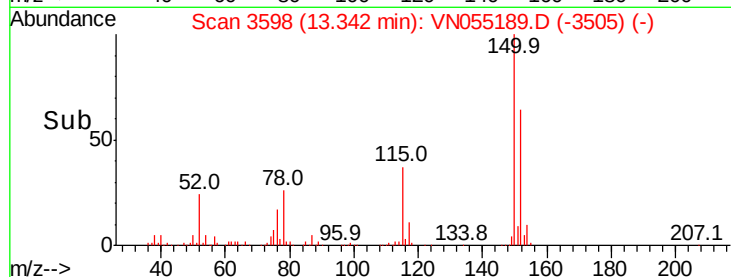
150 154.8 0.0 346.6



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: 4.417 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055189.D

Acq: 22 Apr 2019 18:35

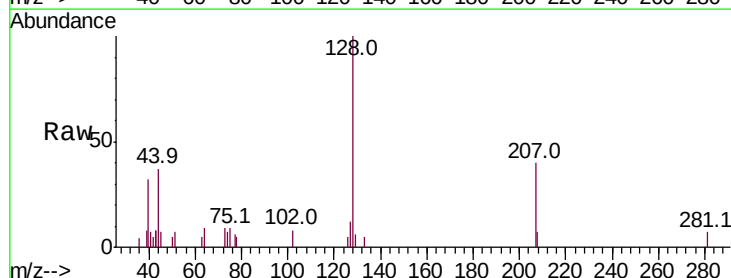
Tgt Ion:128 Resp: 6144

Ion Ratio Lower Upper

128 100

127 10.4 10.3 15.5

129 5.5 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

