

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
 Data File : VN056003.D
 Acq On : 5 Jun 2019 12:26
 Operator : JC/SP
 Sample : K3151-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-06-060419-B

Quant Time: Jun 06 01:45:09 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

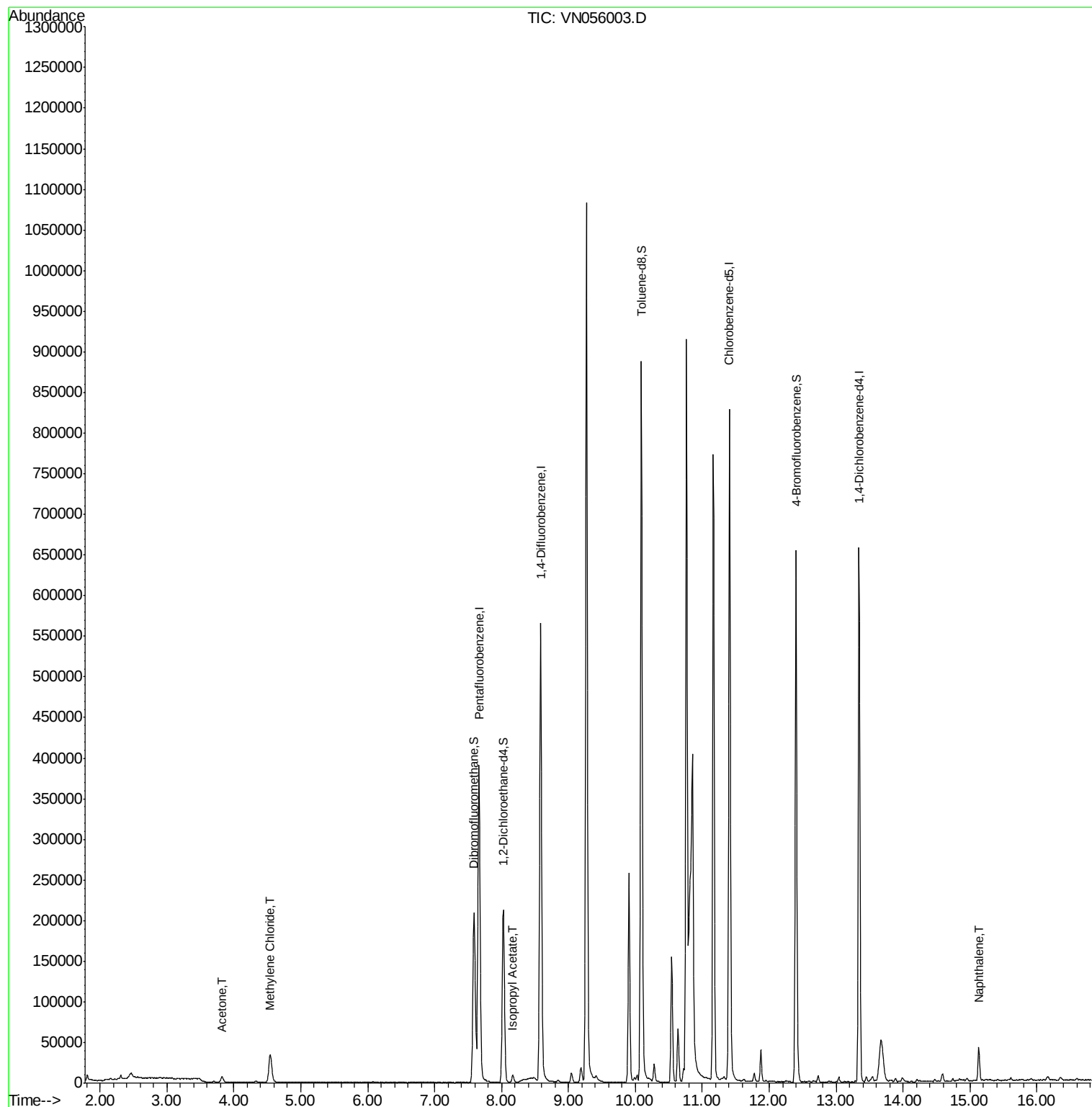
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	375394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	563773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	538751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	200365	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	179652	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
35) Dibromofluoromethane	7.59	113	161695	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
50) Toluene-d8	10.09	98	675101	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.40	95	231875	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
Target Compounds						
16) Acetone	3.82	43	12915	7.245	ug/l	97
20) Methylene Chloride	4.54	84	29263	7.968	ug/l	94
43) Isopropyl Acetate	8.17	43	11629	1.664	ug/l #	90
95) Naphthalene	15.13	128	38881	7.596	ug/l	100

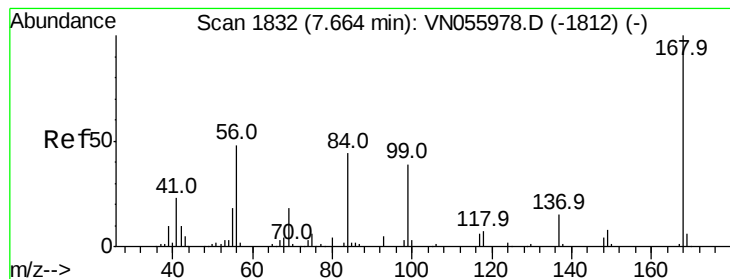
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056003.D

Acq: 5 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

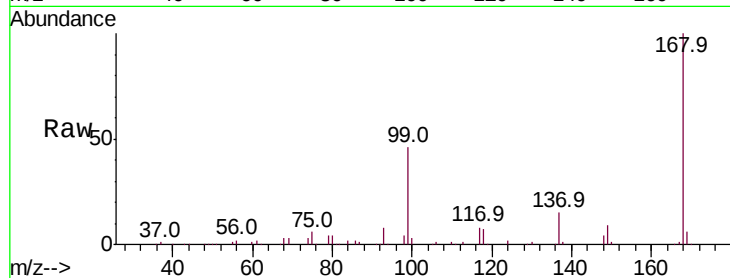
AU-06-060419-B

Tot Ion:168 Resp: 375394

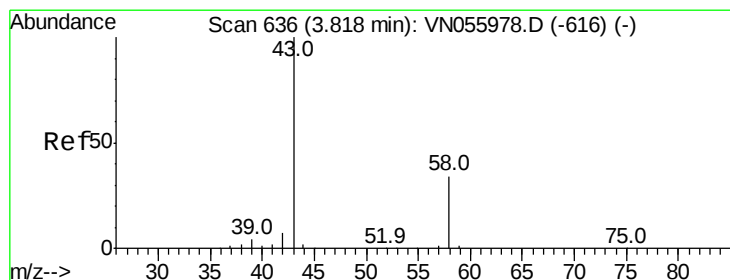
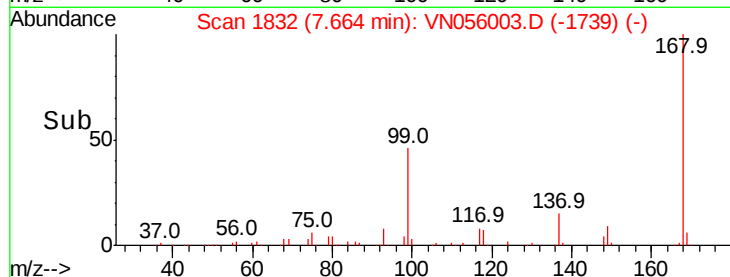
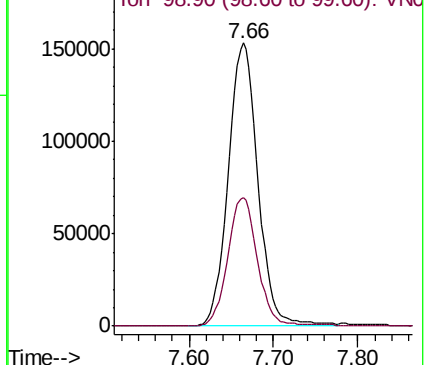
Ion Ratio Lower Upper

168 100

99 45.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)



#16

Acetone

Concen: 7.245 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056003.D

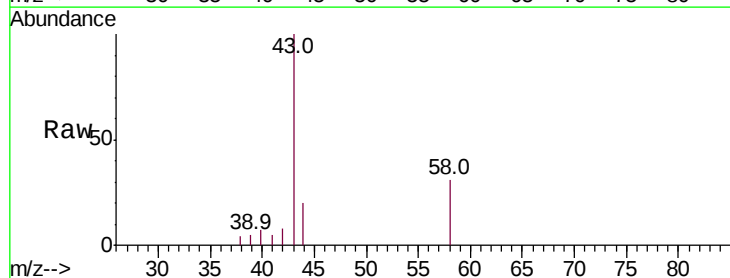
Acq: 5 Jun 2019 12:26

Tgt Ion: 43 Resp: 12915

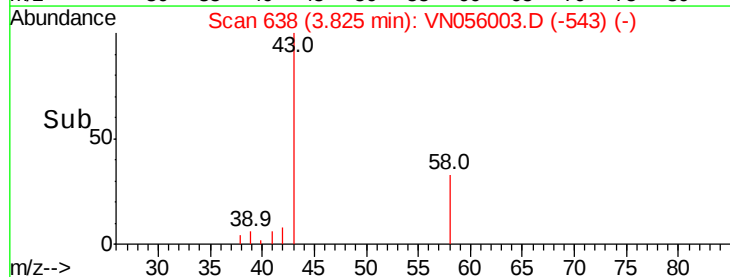
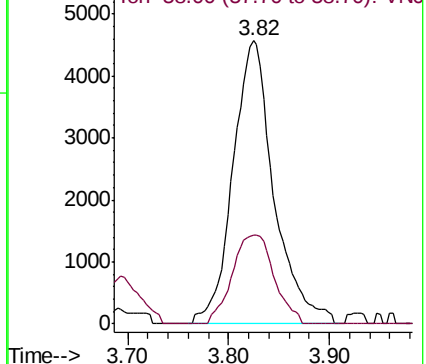
Ion Ratio Lower Upper

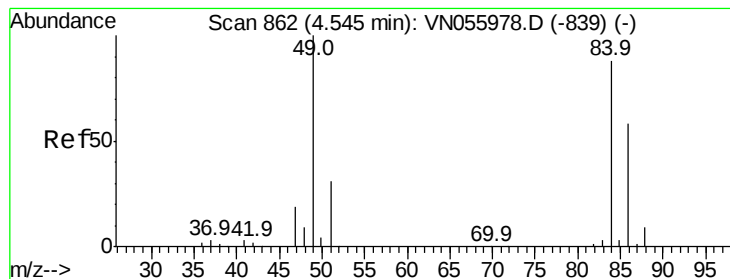
43 100

58 31.4 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)





#20

Methylene Chloride

Concen: 7.968 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN056003.D

Acq: 5 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

AU-06-060419-B

Tot Ion: 84 Resp: 29263

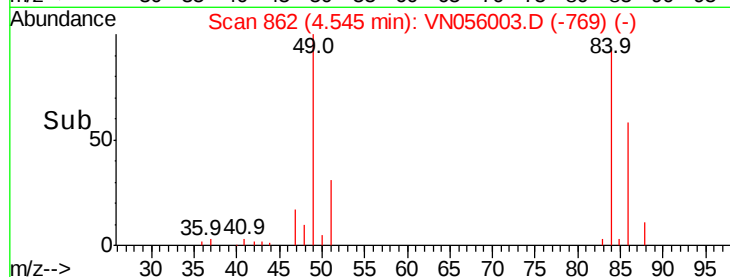
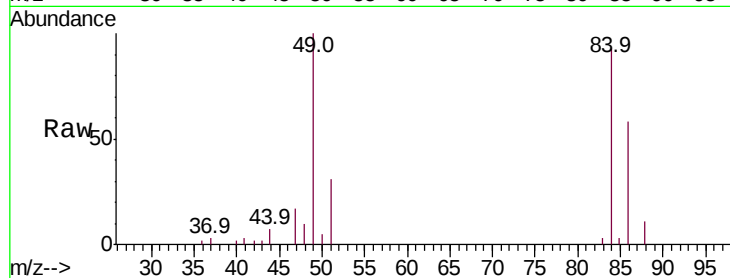
Ion Ratio Lower Upper

84 100

49 108.1 93.5 140.3

51 34.0 28.6 43.0

86 62.8 52.6 79.0

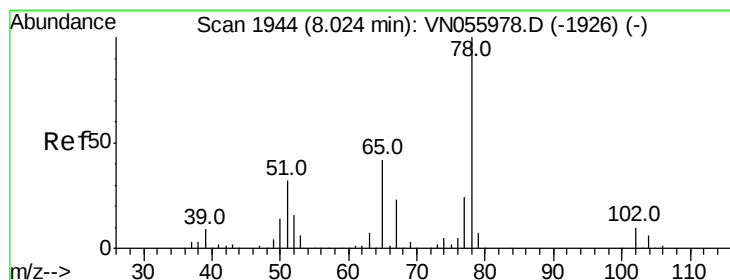
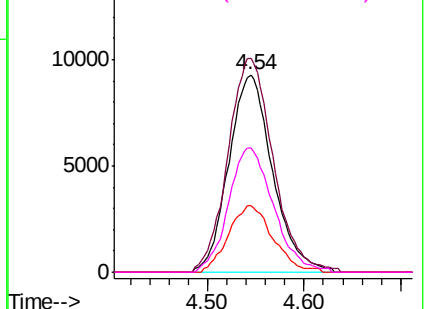


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 48.198 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056003.D

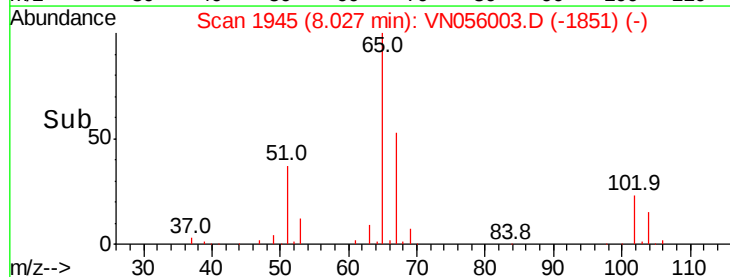
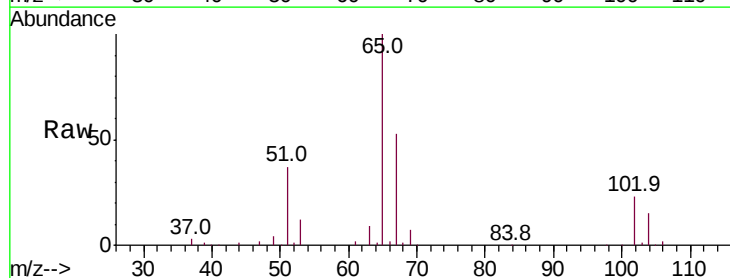
Acq: 5 Jun 2019 12:26

Tgt Ion: 65 Resp: 179652

Ion Ratio Lower Upper

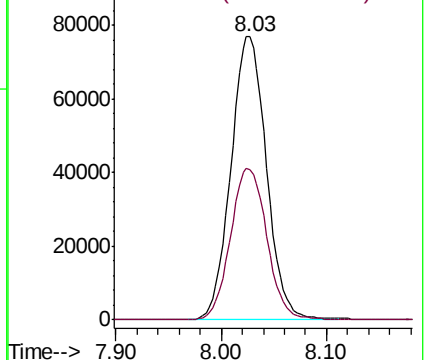
65 100

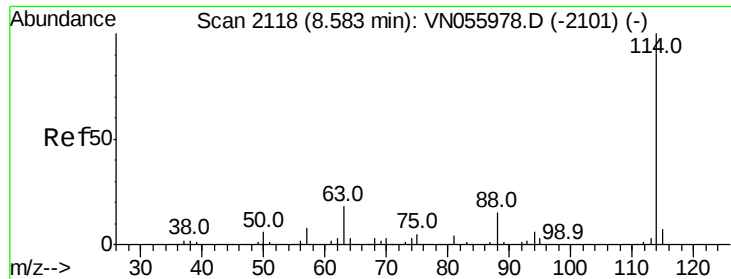
67 54.9 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

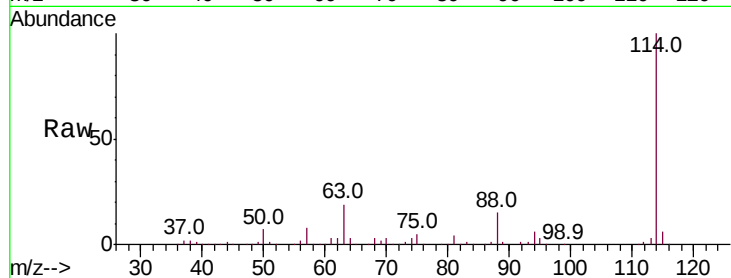




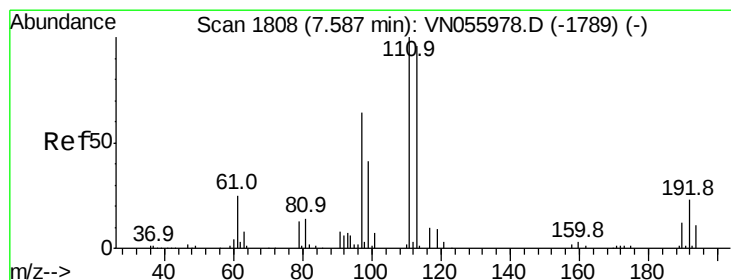
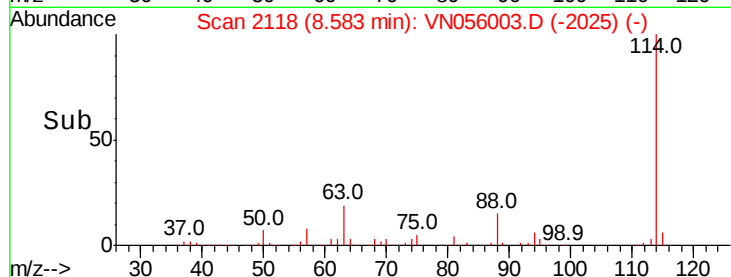
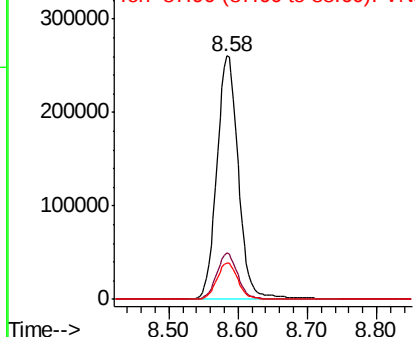
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056003.D
Acq: 5 Jun 2019 12:26

Instrument :
MSVOA_N
ClientSampleId :
AU-06-060419-B

Tot Ion:114 Resp: 563773
Ion Ratio Lower Upper
114 100
63 19.0 0.0 39.2
88 15.1 0.0 31.0

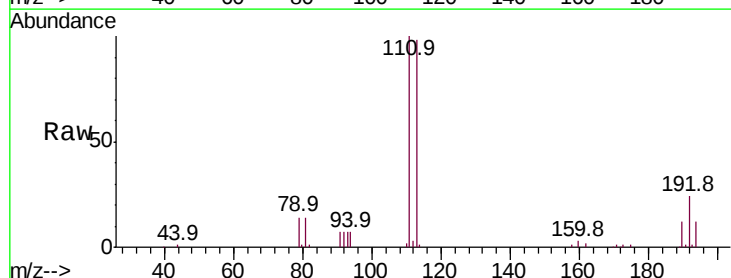


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

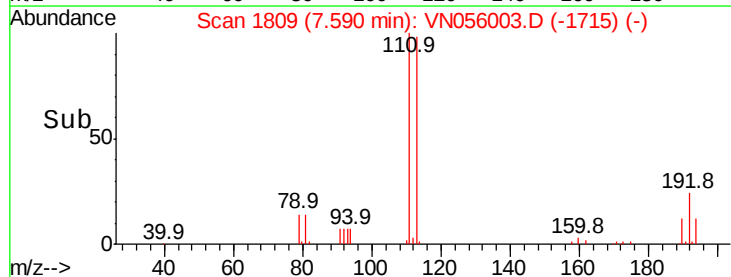
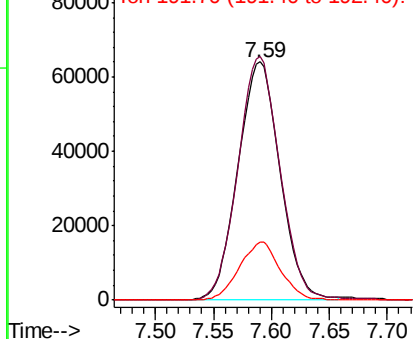


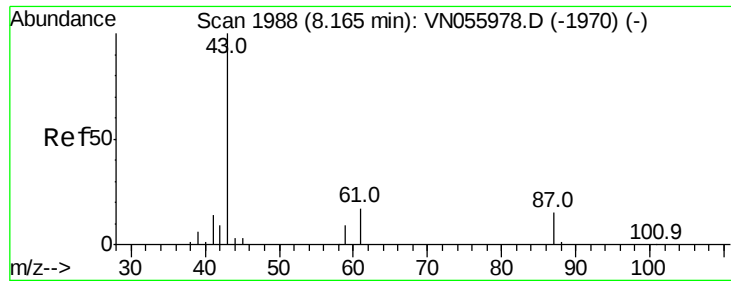
#35
Dibromofluoromethane
Concen: 46.747 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056003.D
Acq: 5 Jun 2019 12:26

Tgt Ion:113 Resp: 161695
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 23.9 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: 1.664 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056003.D

Acq: 5 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

AU-06-060419-B

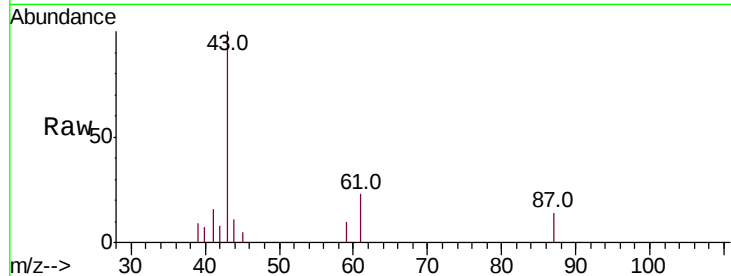
Tot Ion: 43 Resp: 11629

Ion Ratio Lower Upper

43 100

61 20.0 22.2 33.4#

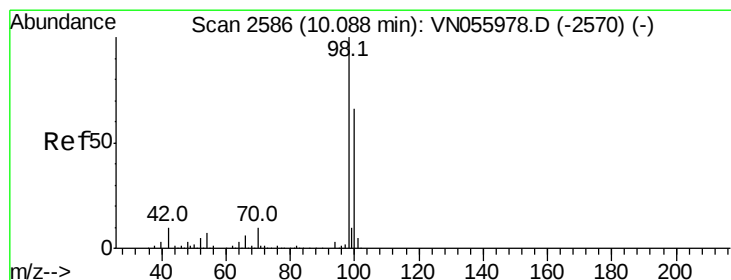
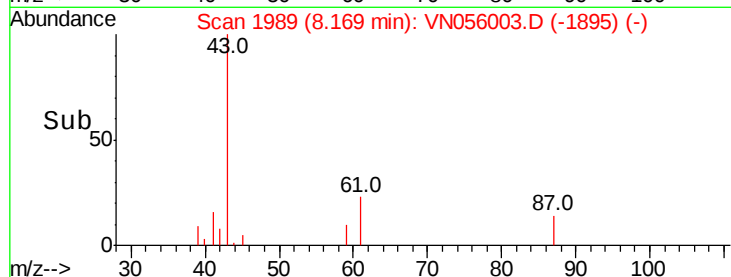
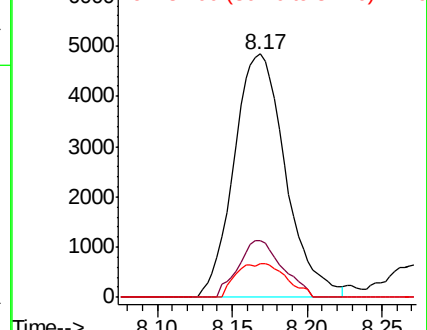
87 13.6 11.4 17.2



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: 50.721 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056003.D

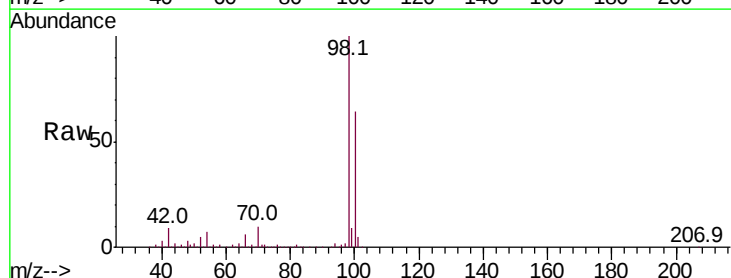
Acq: 5 Jun 2019 12:26

Tgt Ion: 98 Resp: 675101

Ion Ratio Lower Upper

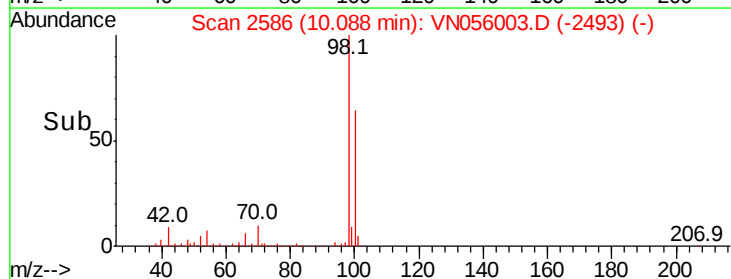
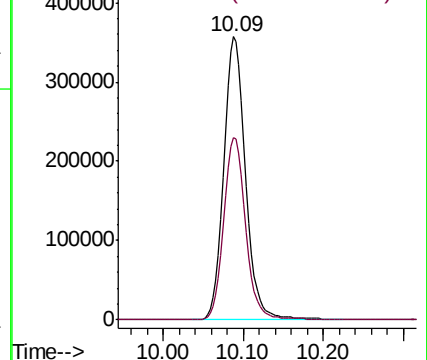
98 100

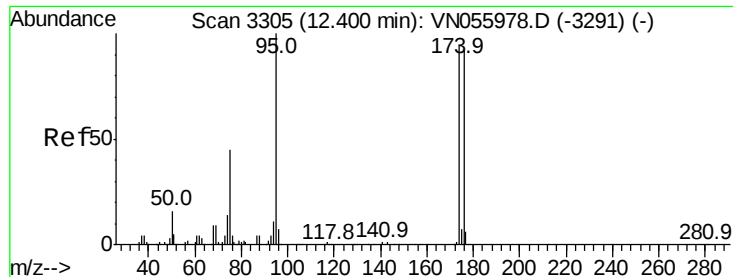
100 65.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 51.227 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056003.D

Acq: 5 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

AU-06-060419-B

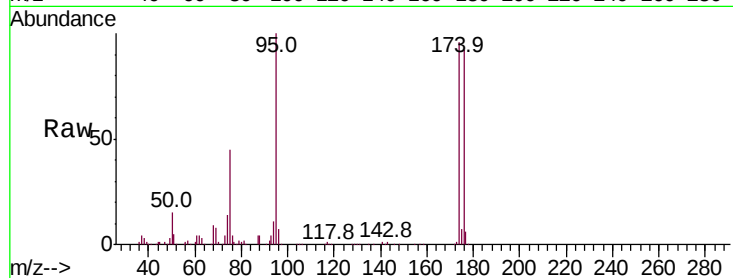
Tot Ion: 95 Resp: 231875

Ion Ratio Lower Upper

95 100

174 96.5 0.0 191.0

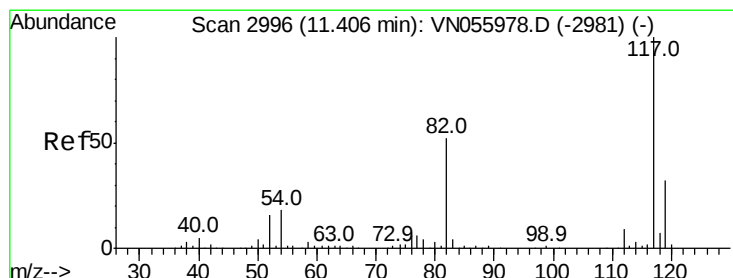
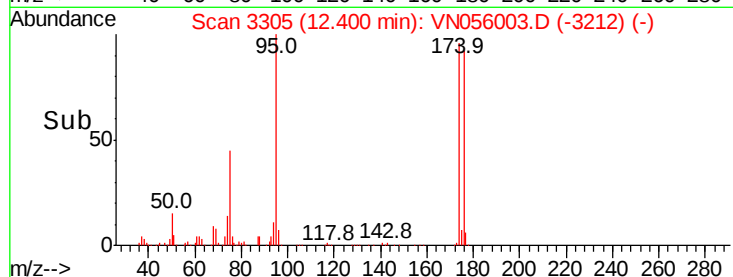
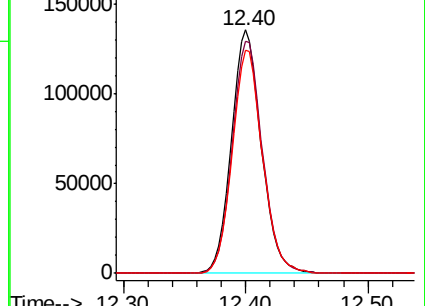
176 92.7 0.0 185.2



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: VN056003.D

Acq: 5 Jun 2019 12:26

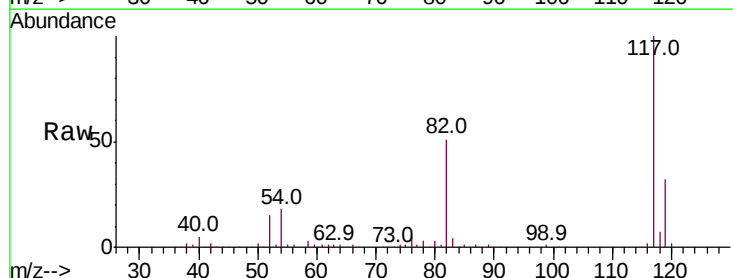
Tgt Ion: 117 Resp: 538751

Ion Ratio Lower Upper

117 100

82 50.8 41.8 62.8

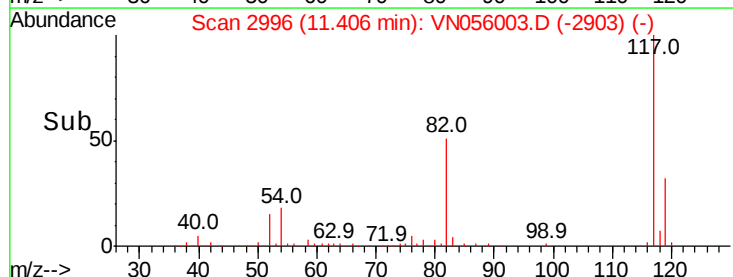
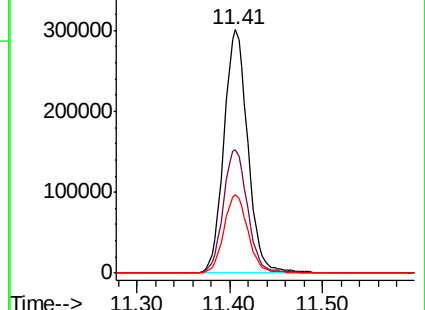
119 32.2 25.4 38.0

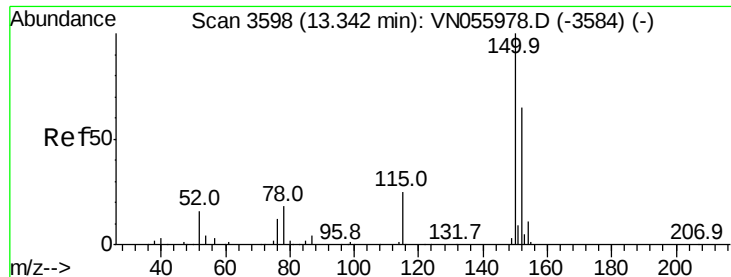


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

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: VN056003.D

Acq: 5 Jun 2019 12:26

Instrument :

MSVOA_N

ClientSampleId :

AU-06-060419-B

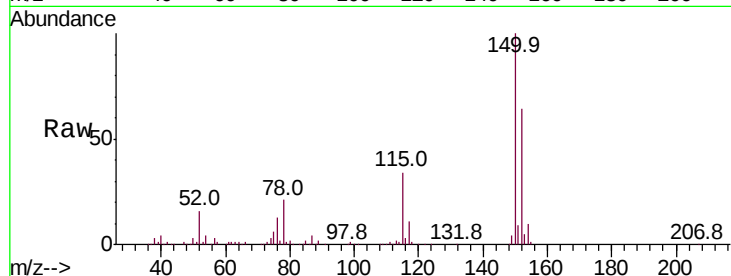
Tot Ion:152 Resp: 200365

Ion Ratio Lower Upper

152 100

115 53.6 27.0 81.0

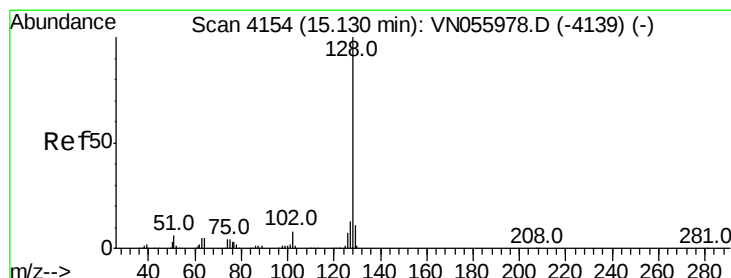
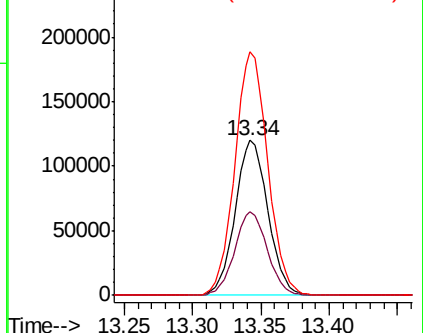
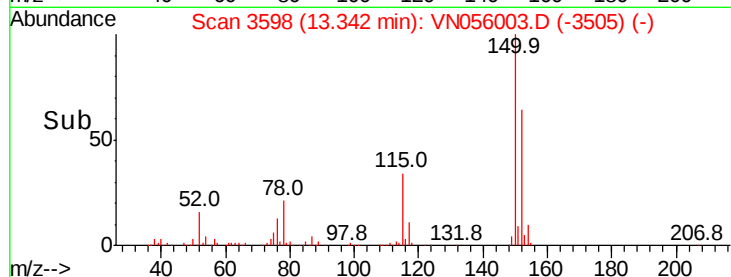
150 157.2 0.0 343.2



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: 7.596 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056003.D

Acq: 5 Jun 2019 12:26

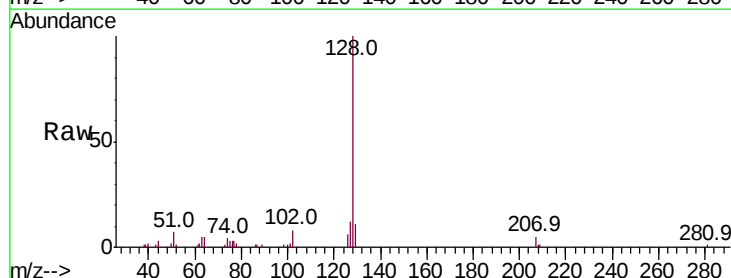
Tgt Ion:128 Resp: 38881

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.2 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

