

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052819\
 Data File : VN055842.D
 Acq On : 28 May 2019 10:45
 Operator : JC/SP
 Sample : K3037-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-20190522

Quant Time: May 28 18:22:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

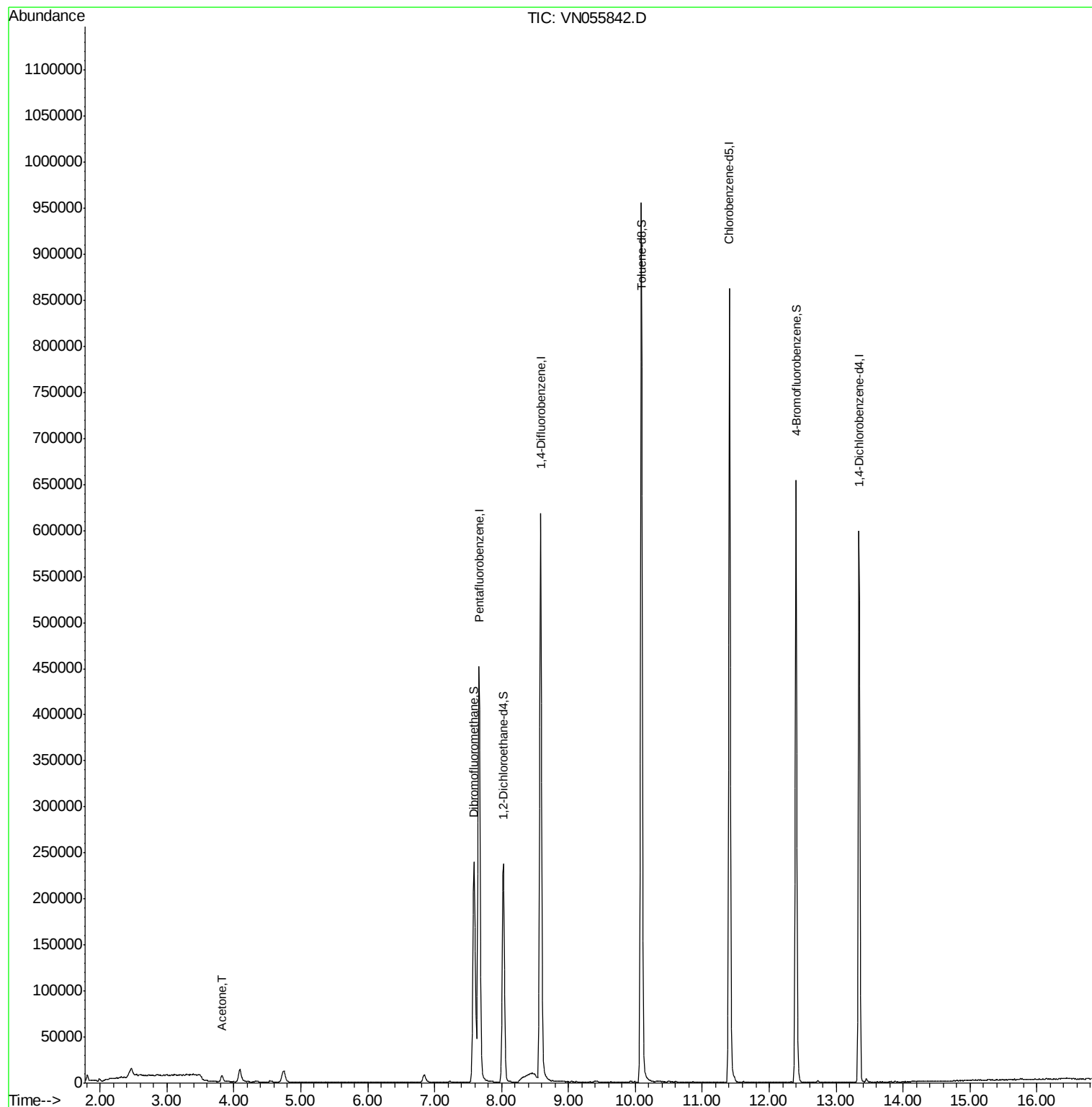
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	429965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	606427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	552207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	182805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	200595	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
35) Dibromofluoromethane	7.59	113	183744	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
50) Toluene-d8	10.09	98	728374	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.40	95	229423	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
Target Compounds						
16) Acetone	3.82	43	11879	6.086	ug/l	Qvalue 98

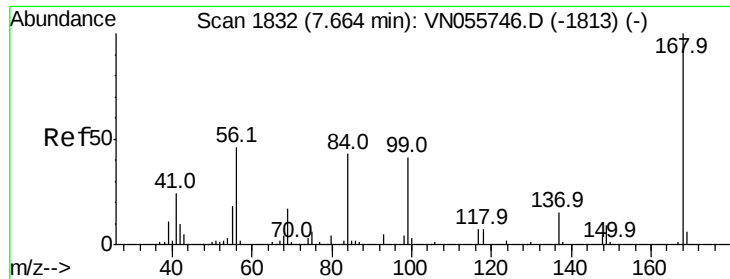
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 24 06:41:54 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055842.D

Acq: 28 May 2019 10:45

Instrument :

MSVOA_N

ClientSampleId :

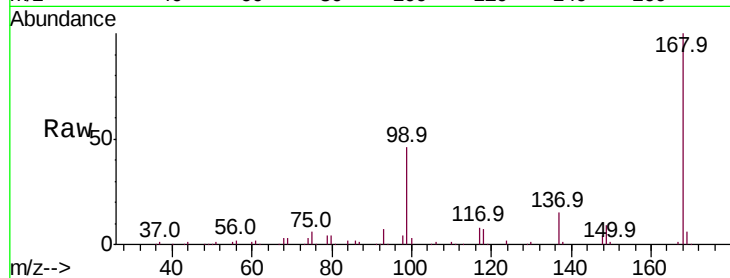
FB-20190522

Tot Ion:168 Resp: 429965

Ion Ratio Lower Upper

168 100

99 45.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

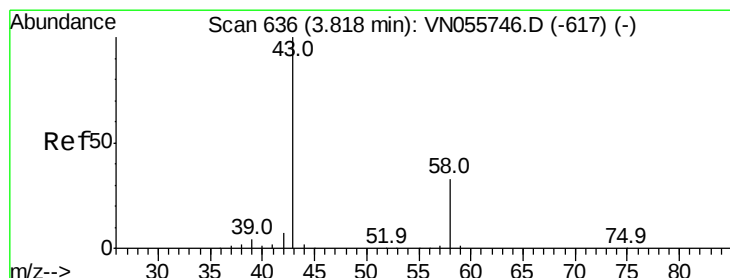
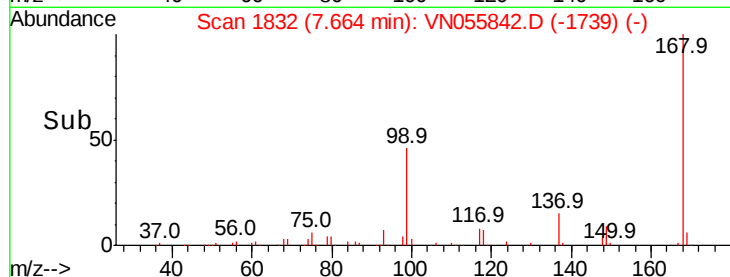
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 6.086 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055842.D

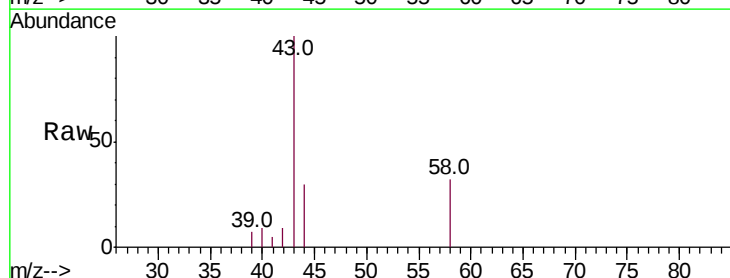
Acq: 28 May 2019 10:45

Tgt Ion: 43 Resp: 11879

Ion Ratio Lower Upper

43 100

58 31.9 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

5000

4000

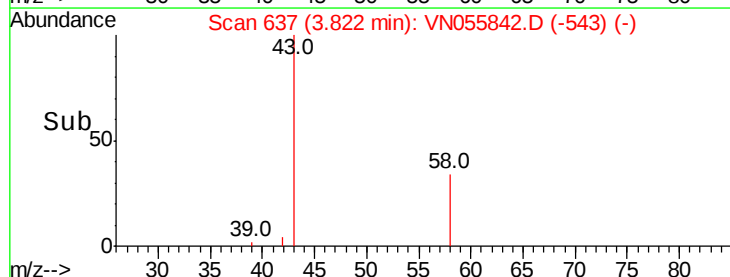
3000

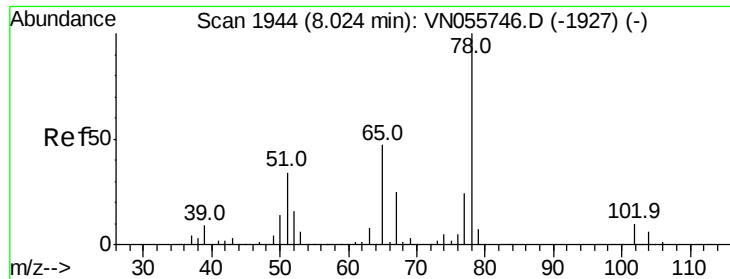
2000

1000

0

Time--> 3.75 3.80 3.85 3.90





#33

1,2-Dichloroethane-d4

Concen: 45.176 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055842.D

Acq: 28 May 2019 10:45

Instrument :

MSVOA_N

ClientSampleId :

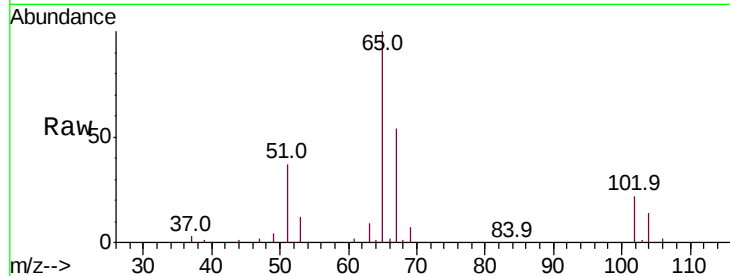
FB-20190522

Tot Ion: 65 Resp: 200595

Ion Ratio Lower Upper

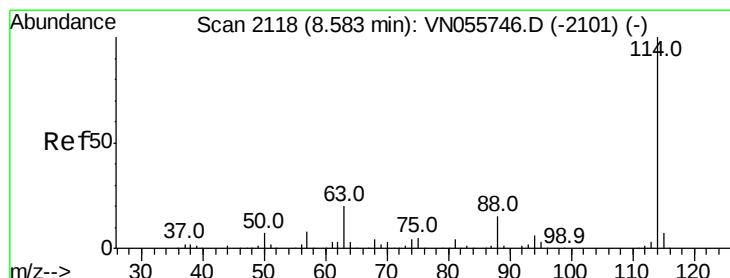
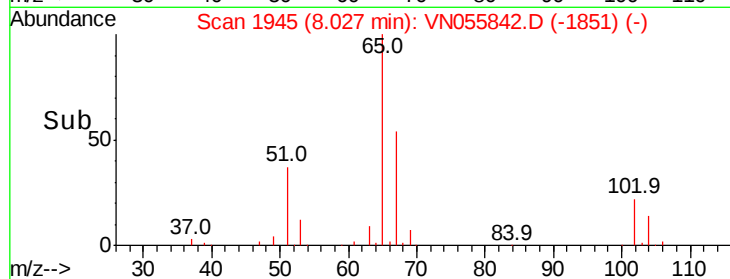
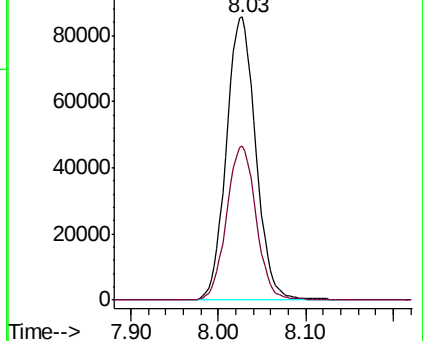
65 100

67 54.4 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055746.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN055746.D (-1927) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055842.D

Acq: 28 May 2019 10:45

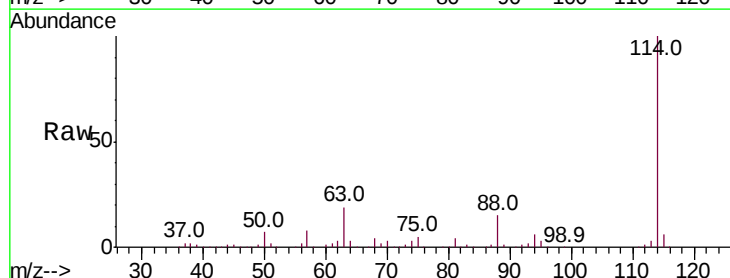
Tgt Ion: 114 Resp: 606427

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.2

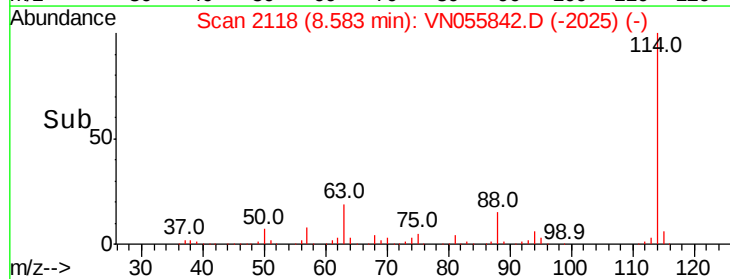
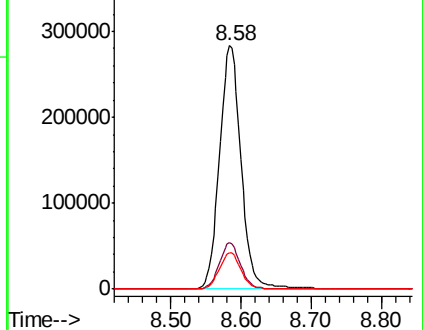
88 14.9 0.0 31.0

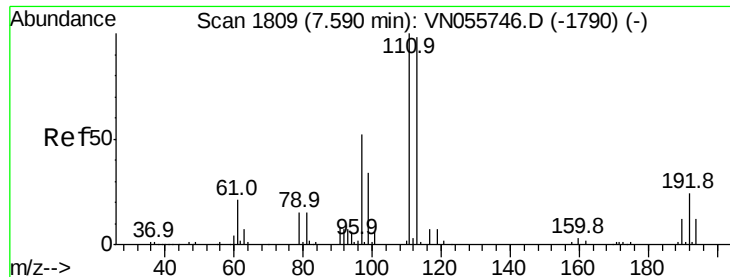


Abundance Ion 113.90 (113.60 to 114.60): VN055746.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN055746.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN055746.D (-2101) (-)

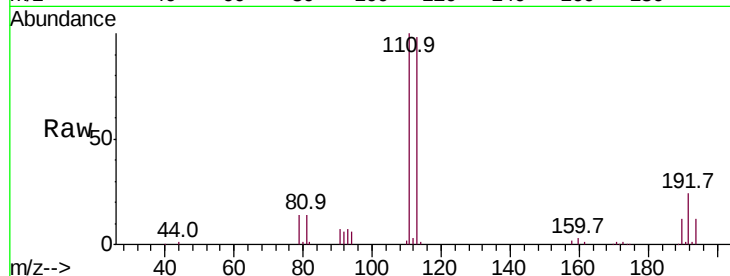




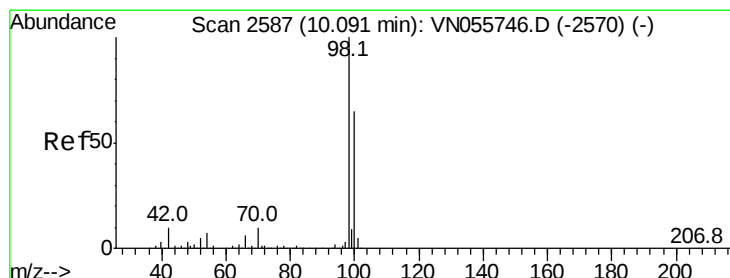
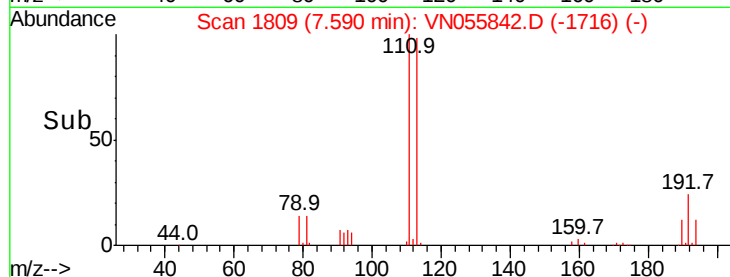
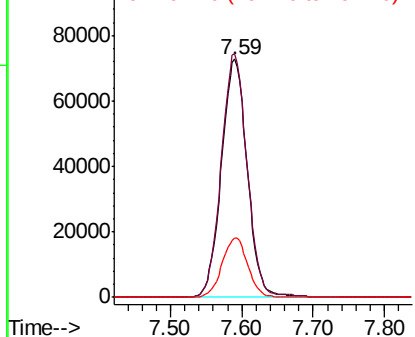
#35
 Dibromofluoromethane
 Concen: 47.924 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055842.D
 Acq: 28 May 2019 10:45

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-20190522

Tot Ion:113 Resp: 183744
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.9 122.9
 192 24.8 19.5 29.3

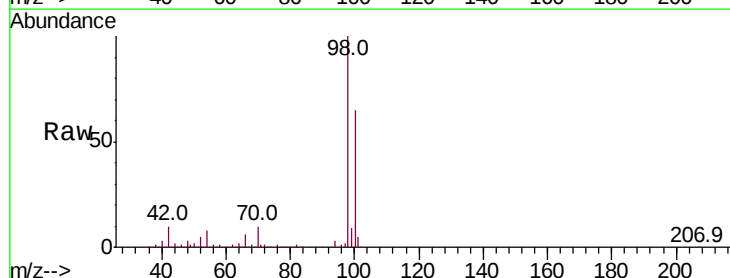


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

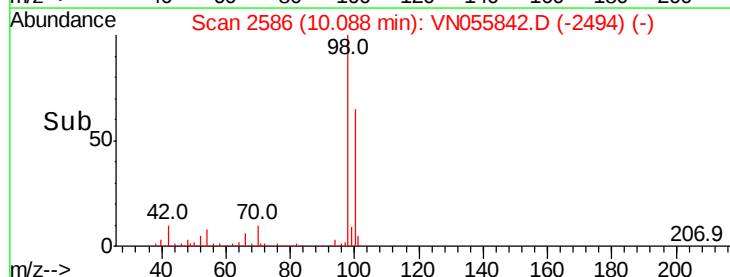
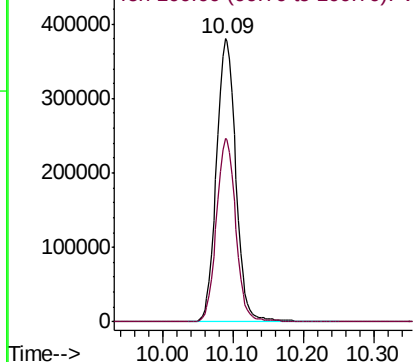


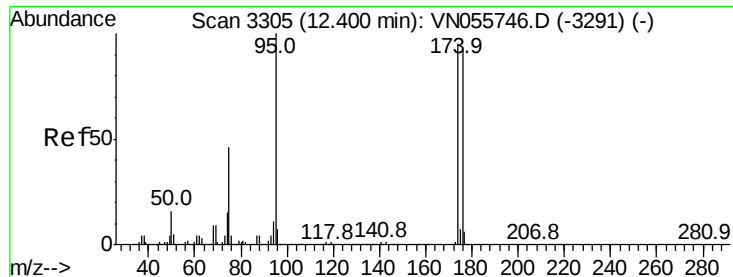
#50
 Toluene-d8
 Concen: 49.526 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN055842.D
 Acq: 28 May 2019 10:45

Tgt Ion: 98 Resp: 728374
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 45.495 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055842.D

Acq: 28 May 2019 10:45

Instrument :

MSVOA_N

ClientSampleId :

FB-20190522

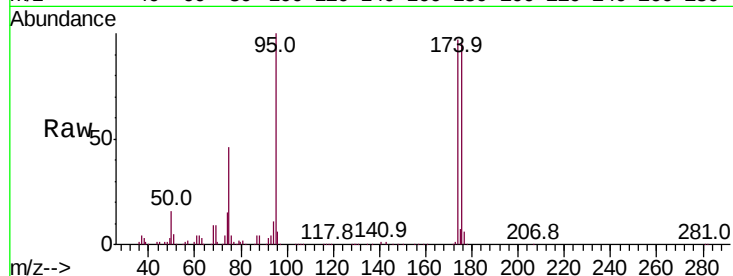
Tot Ion: 95 Resp: 229423

Ion Ratio Lower Upper

95 100

174 97.1 0.0 191.0

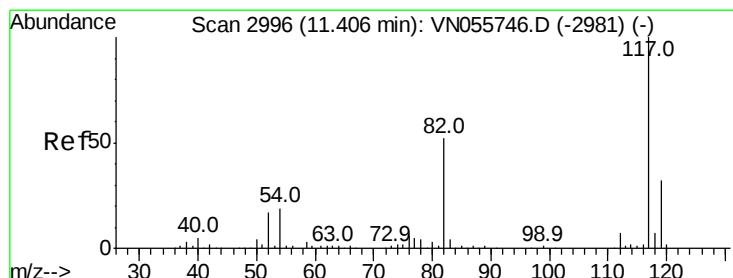
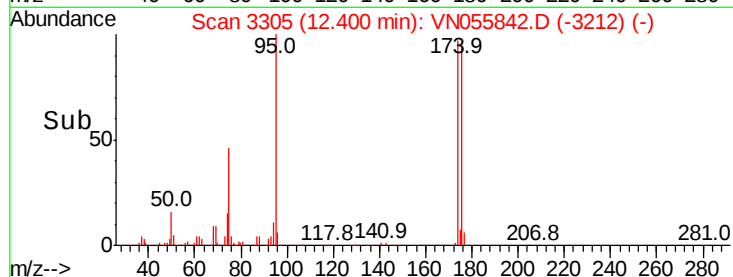
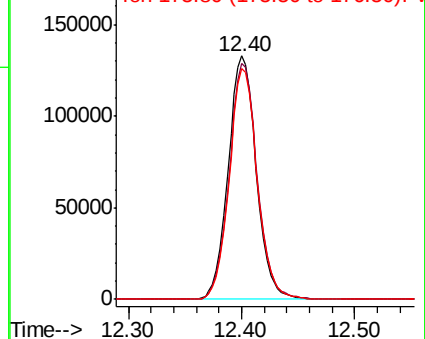
176 94.6 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055746.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055746.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055746.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055842.D

Acq: 28 May 2019 10:45

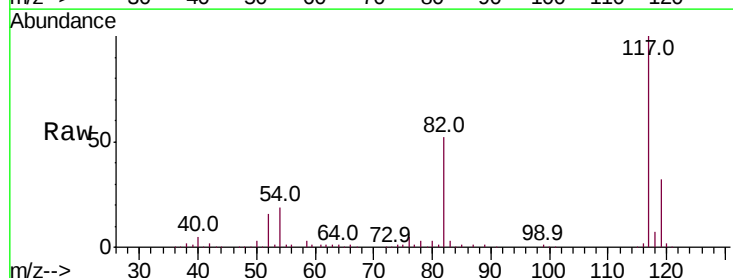
Tgt Ion: 117 Resp: 552207

Ion Ratio Lower Upper

117 100

82 51.6 41.8 62.8

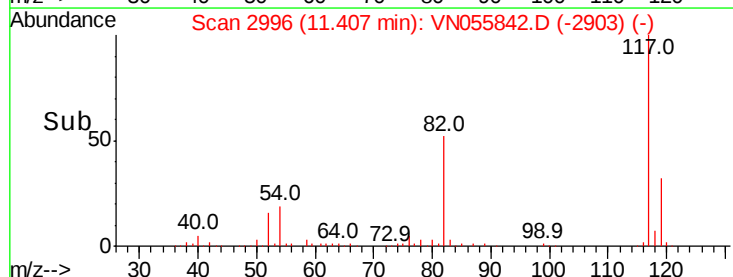
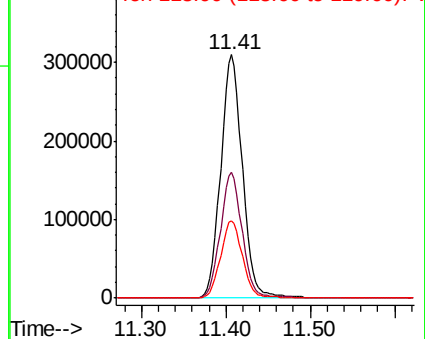
119 31.9 25.4 38.0

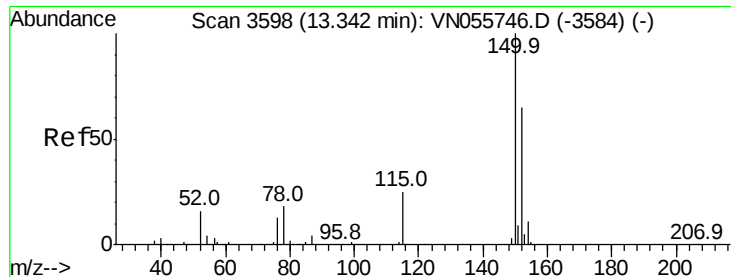


Abundance Ion 116.90 (116.60 to 117.60): VN055746.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055746.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055746.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: VN055842.D

Acq: 28 May 2019 10:45

Instrument :

MSVOA_N

ClientSampleId :

FB-20190522

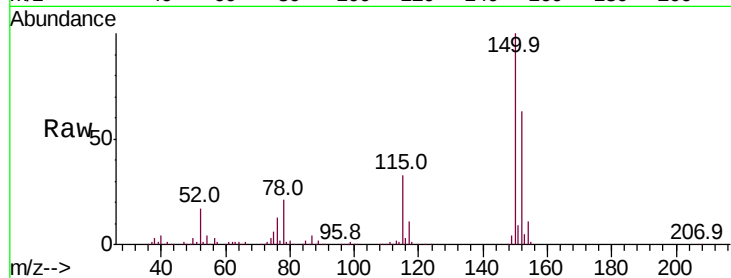
Tot Ion:152 Resp: 182805

Ion Ratio Lower Upper

152 100

115 51.7 27.0 81.0

150 156.3 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

