

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120619\
 Data File : VN059513.D
 Acq On : 6 Dec 2019 14:31
 Operator : JC/SP
 Sample : K6147-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-WC003

Quant Time: Dec 06 23:03:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

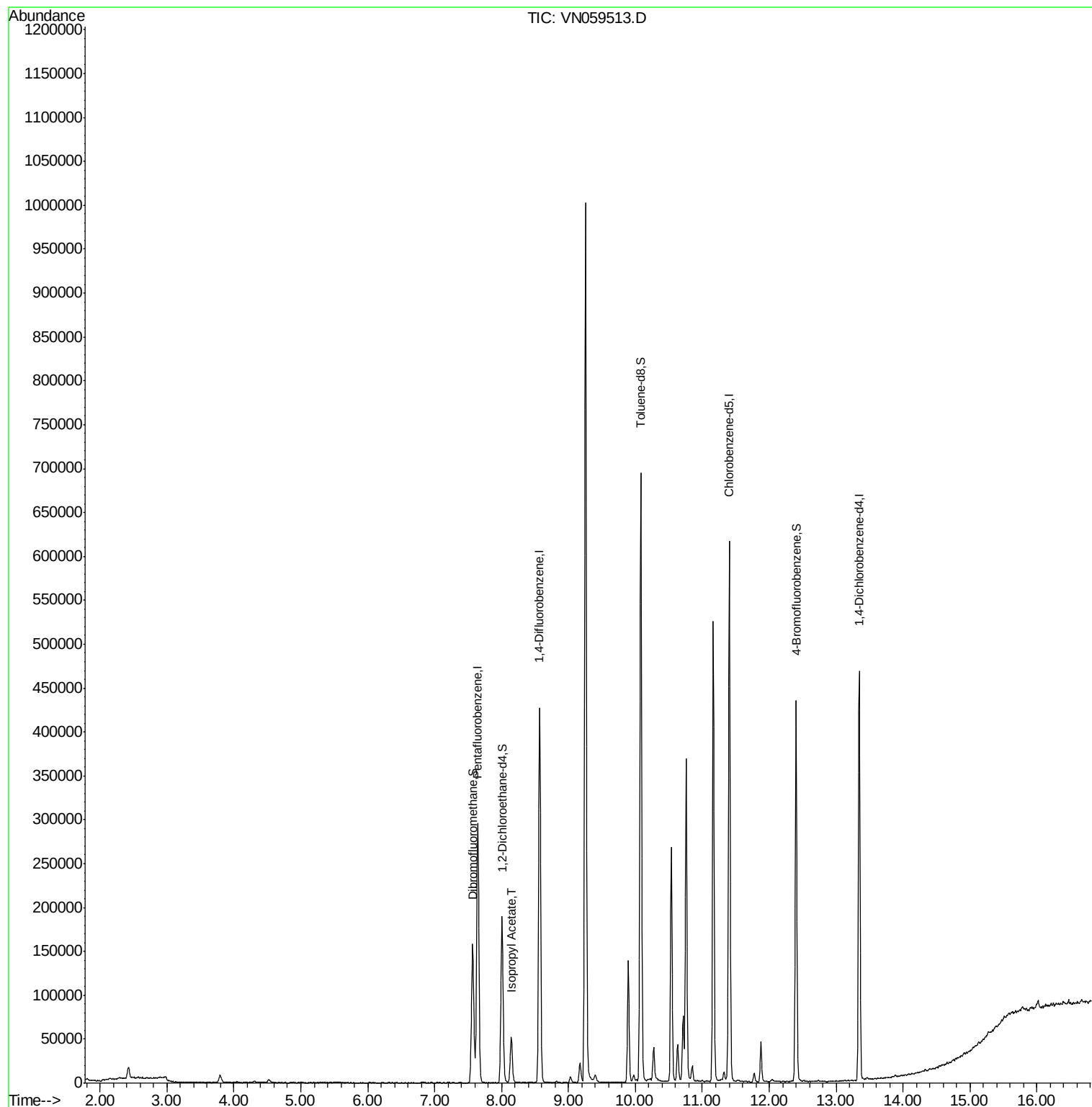
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	233042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	374588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	341242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	122598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	166559	57.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.06%	
35) Dibromofluoromethane	7.57	113	119300	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
50) Toluene-d8	10.08	98	471915	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.40	95	147979	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	60733	9.378	ug/l #	88

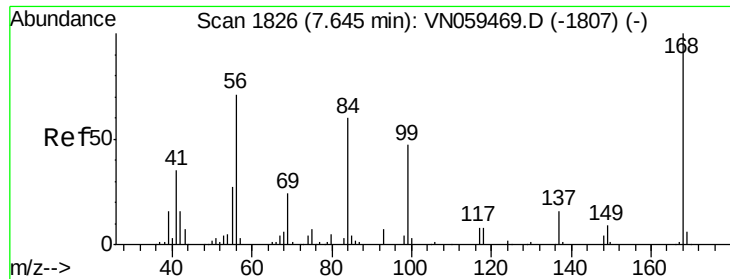
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 03 16:37:42 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059513.D

Acq: 6 Dec 2019 14:31

Instrument :

MSVOA_N

ClientSampled :

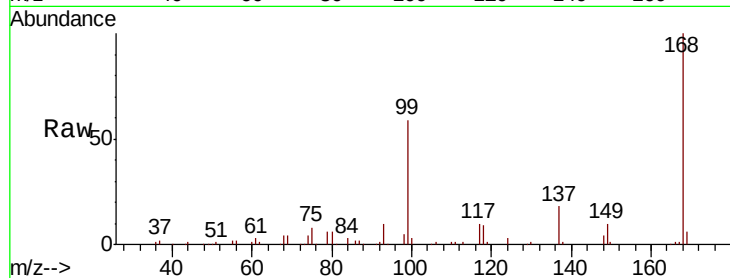
P001-WC003

Tot Ion:168 Resp: 233042

Ion Ratio Lower Upper

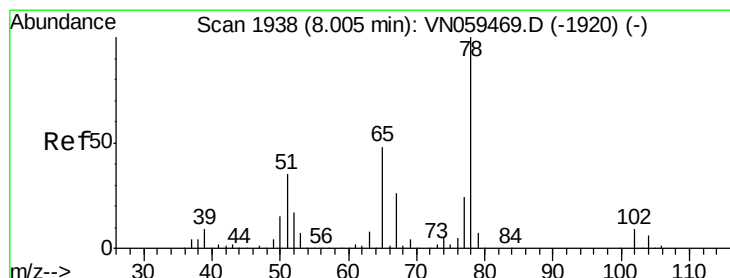
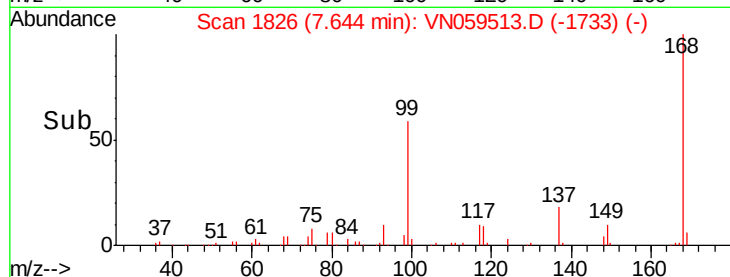
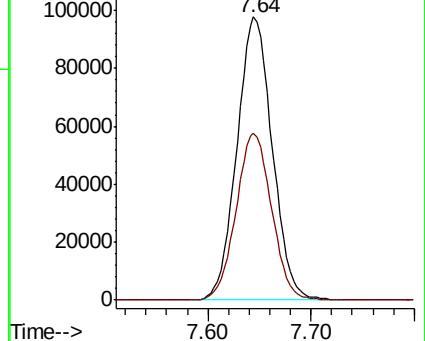
168 100

99 59.0 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 57.533 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059513.D

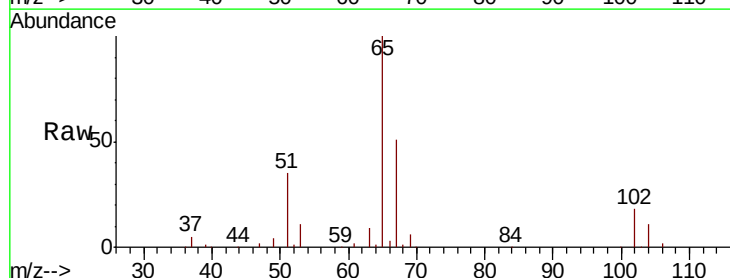
Acq: 6 Dec 2019 14:31

Tgt Ion: 65 Resp: 166559

Ion Ratio Lower Upper

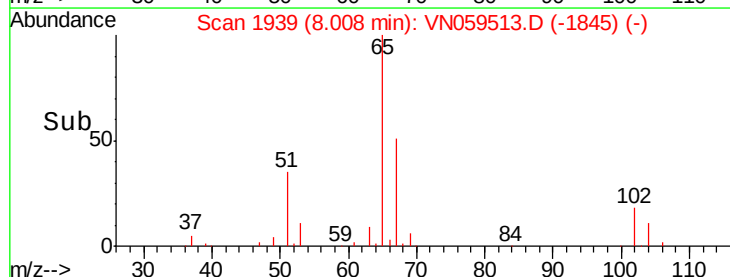
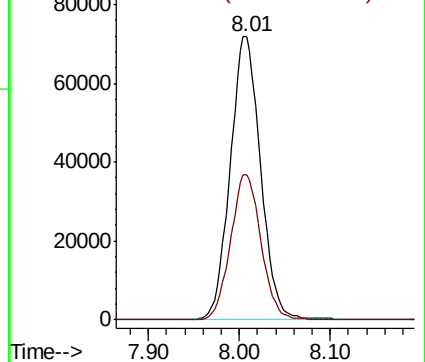
65 100

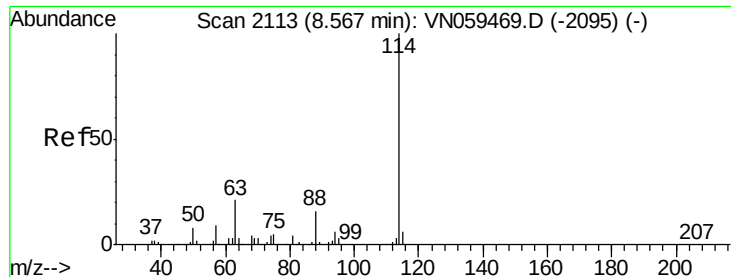
67 51.4 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

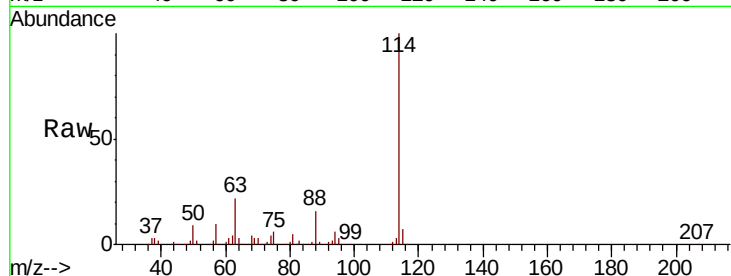




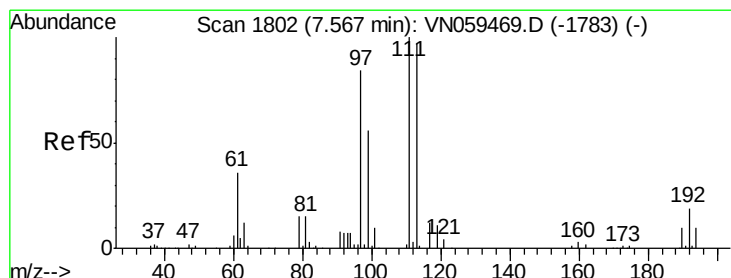
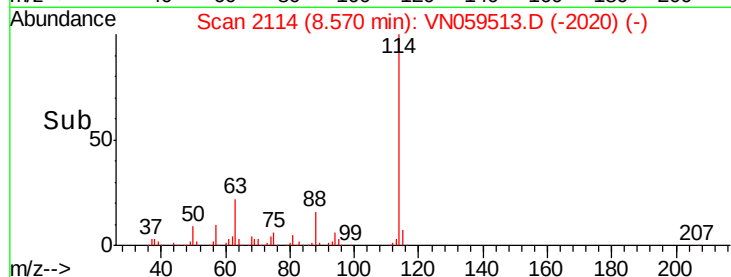
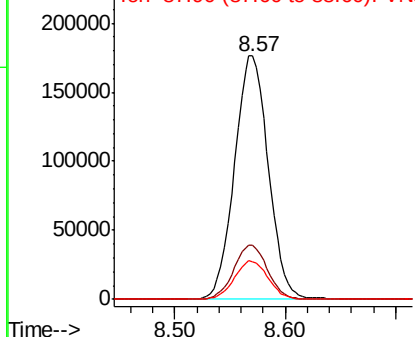
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059513.D
 Acq: 6 Dec 2019 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-WC003

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	42.4
88	15.6	0.0	32.8

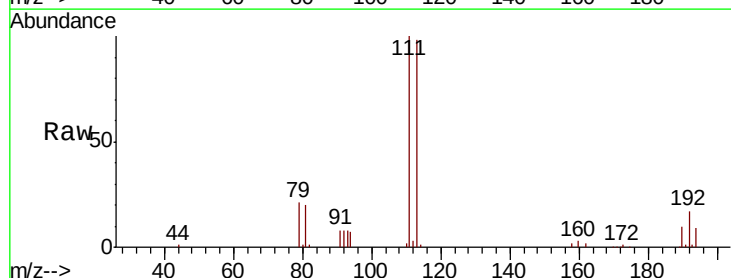


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

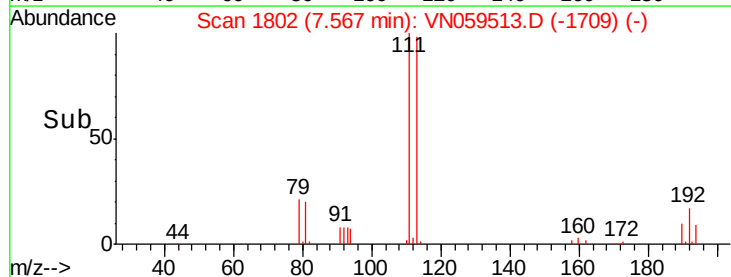
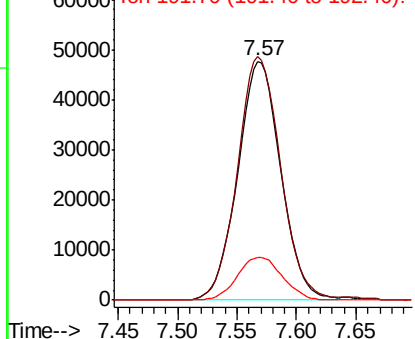


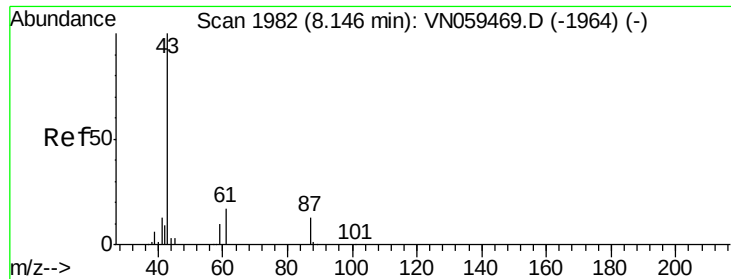
#35
 Dibromofluoromethane
 Concen: 51.135 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059513.D
 Acq: 6 Dec 2019 14:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.5	123.7
192	18.8	16.1	24.1



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: 9.378 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059513.D

Acq: 6 Dec 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

P001-WC003

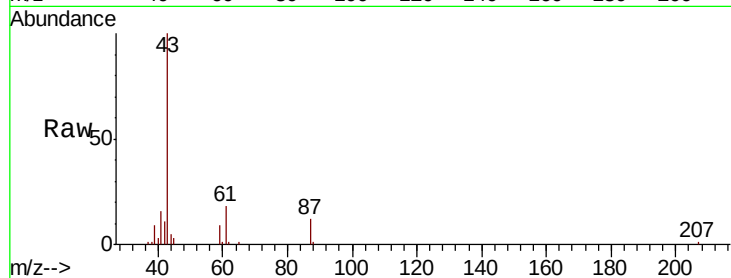
Tot Ion: 43 Resp: 60733

Ion Ratio Lower Upper

43 100

61 18.0 21.0 31.6#

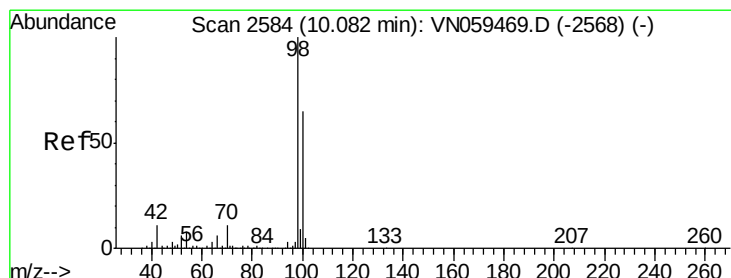
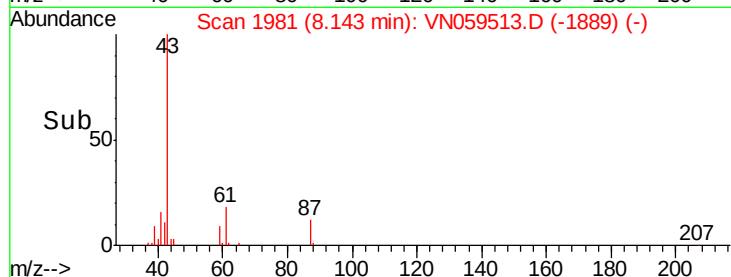
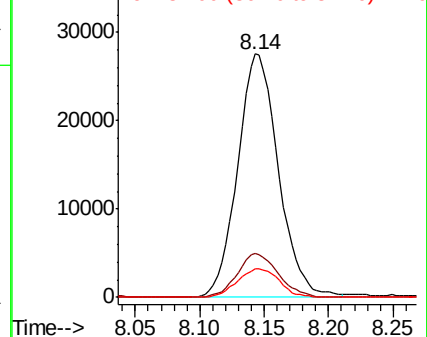
87 12.1 10.4 15.6



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: 51.303 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN059513.D

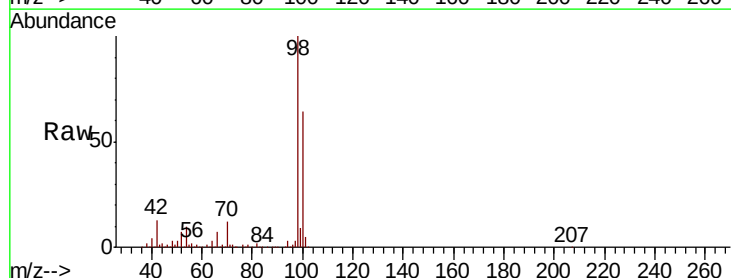
Acq: 6 Dec 2019 14:31

Tgt Ion: 98 Resp: 471915

Ion Ratio Lower Upper

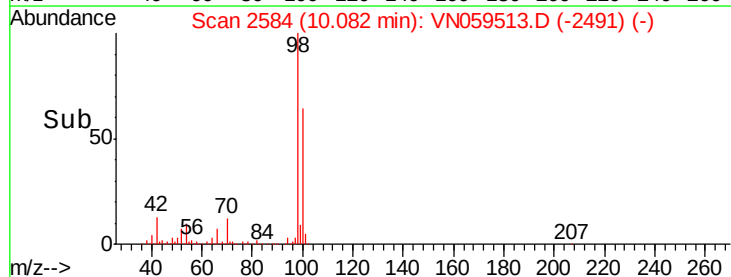
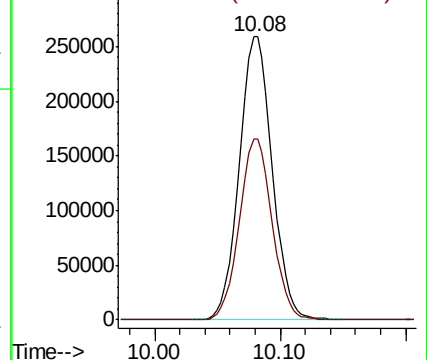
98 100

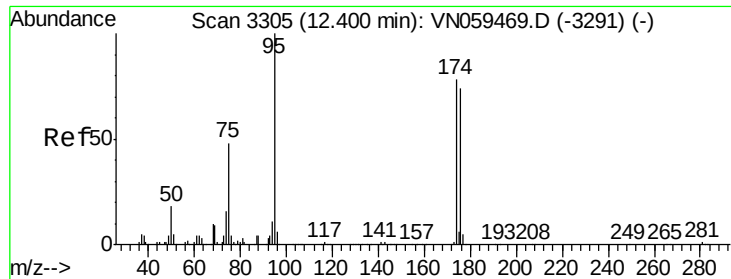
100 64.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 46.064 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059513.D

Acq: 6 Dec 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

P001-WC003

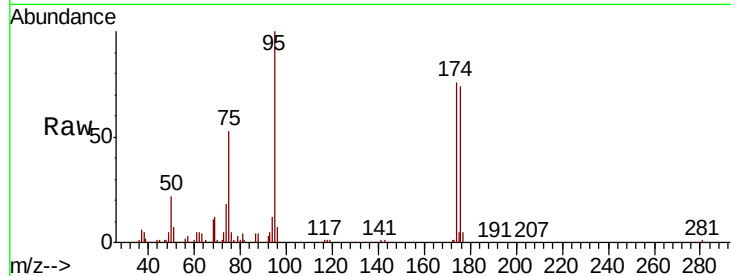
Tot Ion: 95 Resp: 147979

Ion Ratio Lower Upper

95 100

174 77.4 0.0 157.0

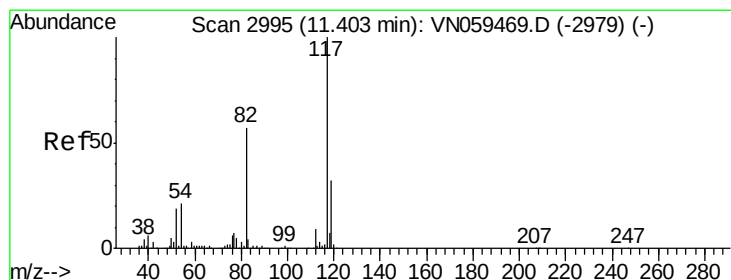
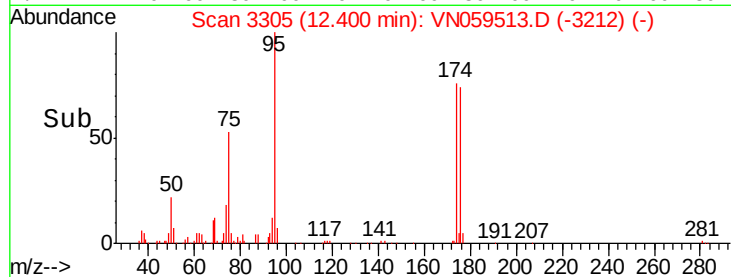
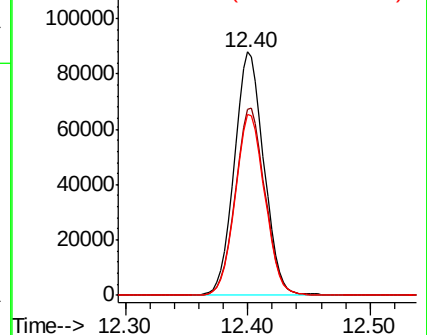
176 74.9 0.0 152.4



Abundance Ion 94.90 (94.60 to 95.60): VN059513.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059513.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059513.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059513.D

Acq: 6 Dec 2019 14:31

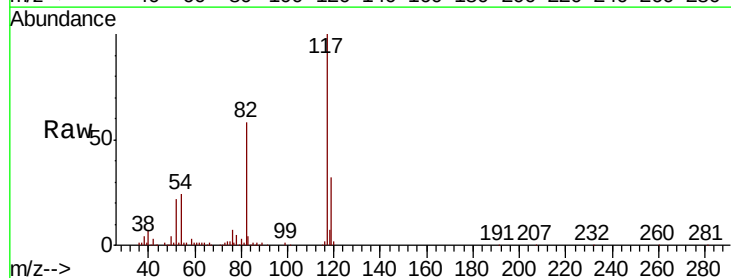
Tgt Ion: 117 Resp: 341242

Ion Ratio Lower Upper

117 100

82 57.6 45.8 68.8

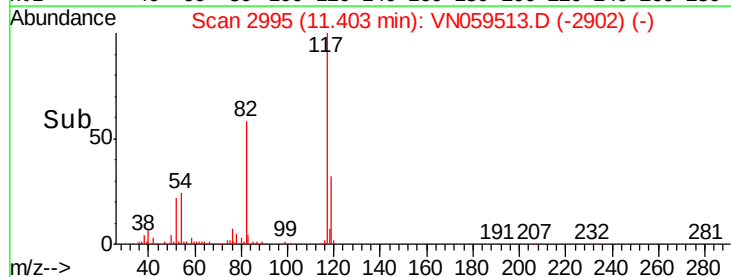
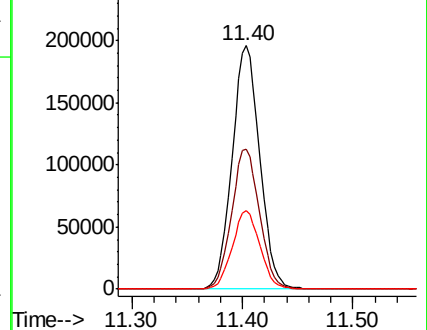
119 32.0 25.4 38.0

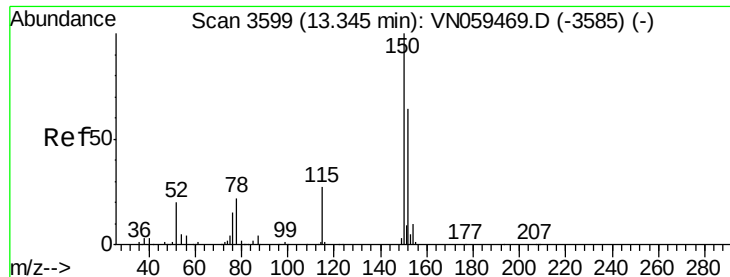


Abundance Ion 116.90 (116.60 to 117.60): VN059513.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059513.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059513.D (-2902) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059513.D

Acq: 6 Dec 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

P001-WC003

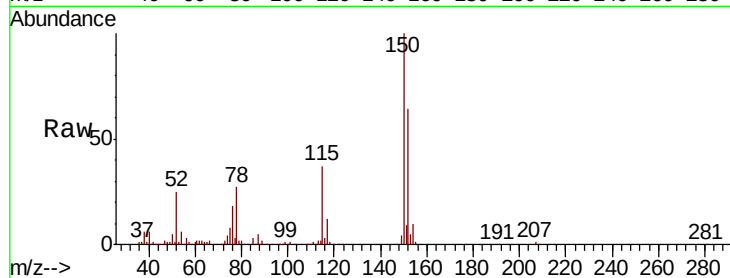
Tot Ion:152 Resp: 122598

Ion Ratio Lower Upper

152 100

115 59.5 29.2 87.6

150 156.7 0.0 352.8



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

