

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111419\
 Data File : VN059226.D
 Acq On : 14 Nov 2019 12:25
 Operator : JC/SP
 Sample : K5668-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-111319

Quant Time: Nov 15 06:58:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

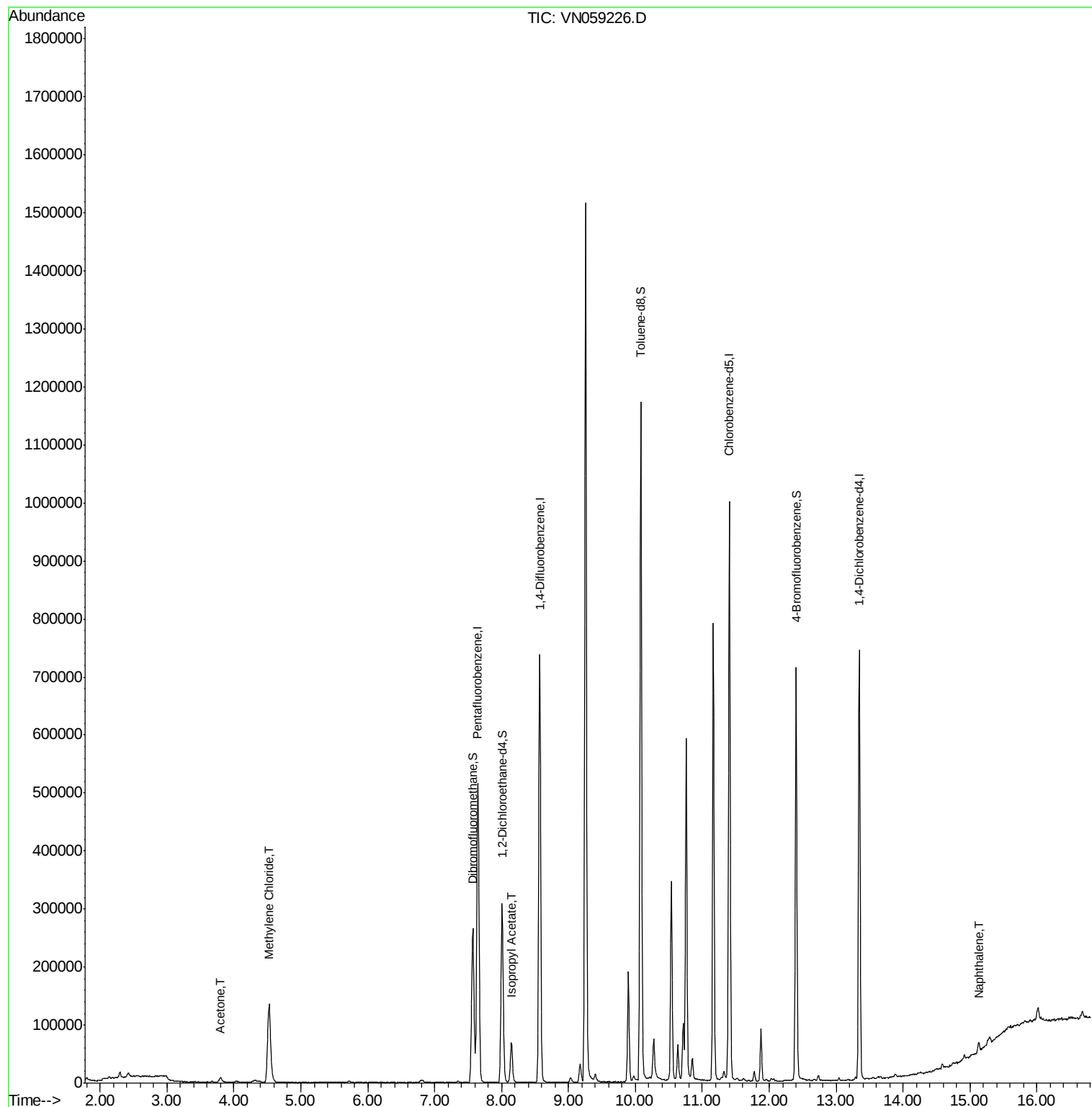
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	422555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	656852	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	589468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	203992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	268086	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
35) Dibromofluoromethane	7.57	113	207276	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
50) Toluene-d8	10.08	98	819533	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.40	95	249988	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
Target Compounds						
16) Acetone	3.80	43	14779	5.471	ug/l	96
20) Methylene Chloride	4.53	84	108619	23.082	ug/l	97
43) Isopropyl Acetate	8.15	43	81660	7.499	ug/l #	91
95) Naphthalene	15.13	128	12159	4.125	ug/l	97

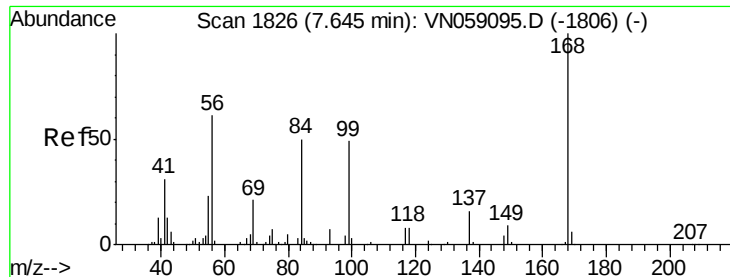
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111419\
Data File : VN059226.D
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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059226.D

Acq: 14 Nov 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

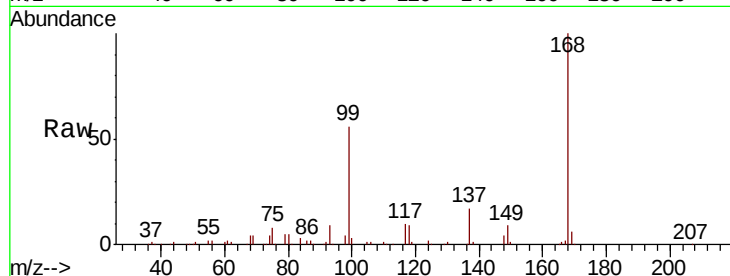
HD-02-111319

Tot Ion:168 Resp: 422555

Ion Ratio Lower Upper

168 100

99 55.8 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

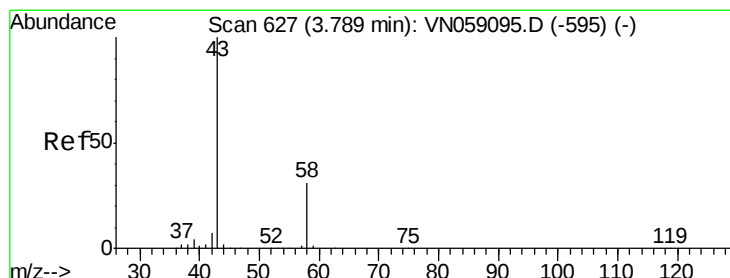
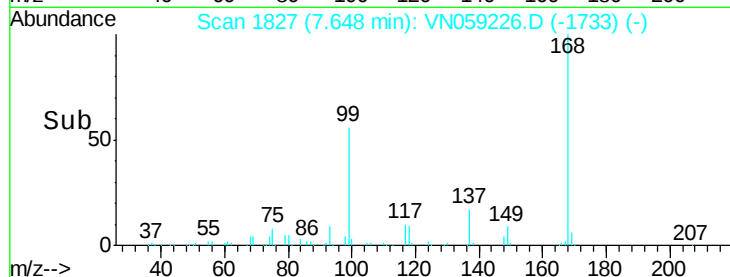
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 5.471 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059226.D

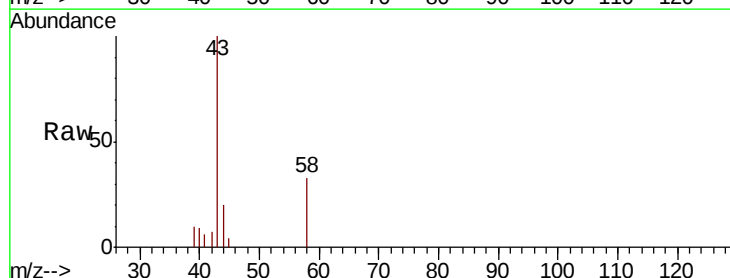
Acq: 14 Nov 2019 12:25

Tgt Ion: 43 Resp: 14779

Ion Ratio Lower Upper

43 100

58 33.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

6000

5000

4000

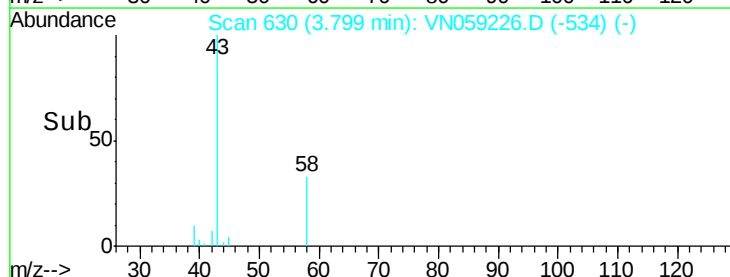
3000

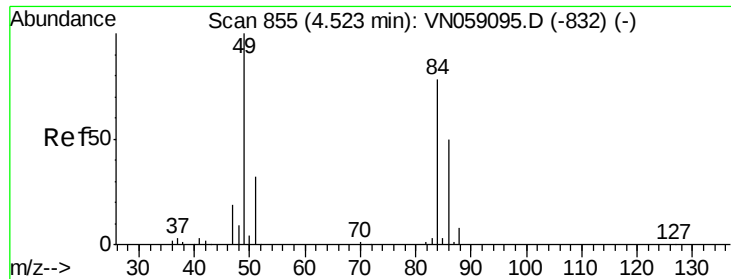
2000

1000

0

Time--> 3.70 3.80 3.90

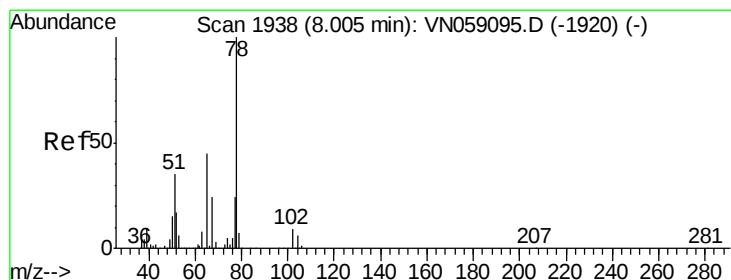
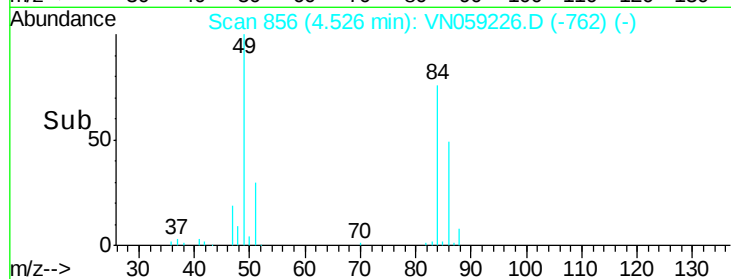
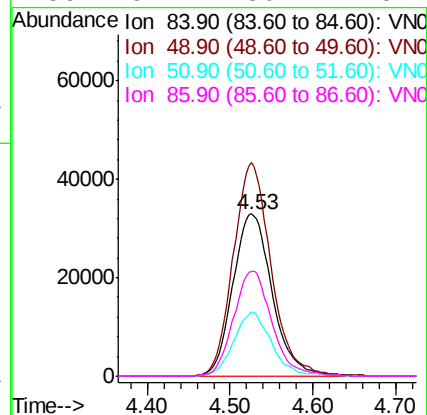
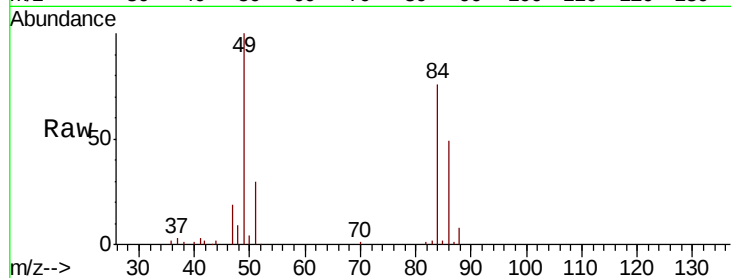




#20
Methylene Chloride
Concen: 23.082 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059226.D
Acq: 14 Nov 2019 12:25

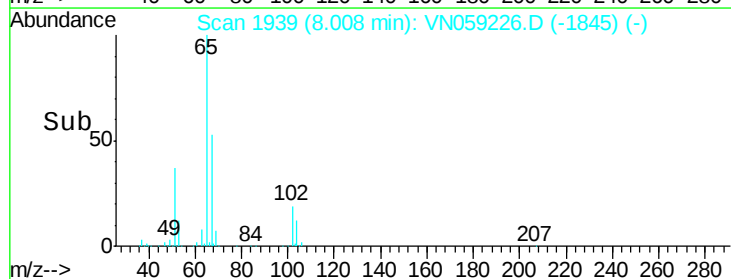
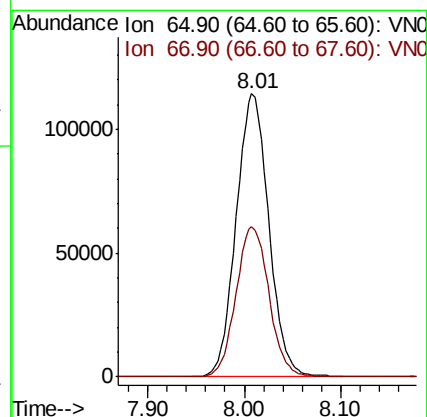
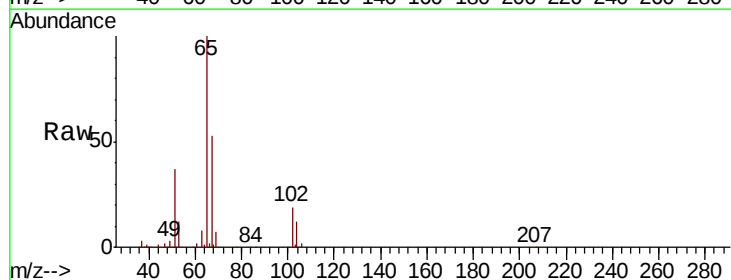
Instrument :
MSVOA_N
ClientSampleId :
HD-02-111319

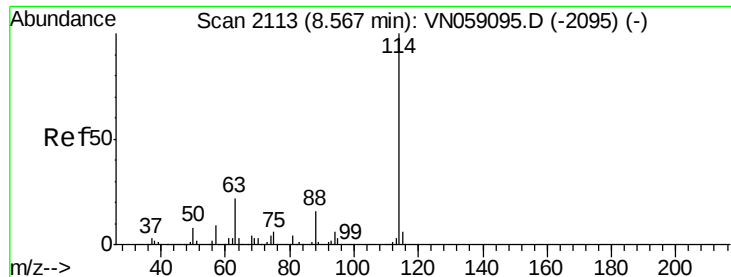
Tot Ion: 84 Resp: 108619
Ion Ratio Lower Upper
84 100
49 131.5 102.0 153.0
51 39.3 32.2 48.2
86 64.4 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 51.612 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059226.D
Acq: 14 Nov 2019 12:25

Tgt Ion: 65 Resp: 268086
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.4

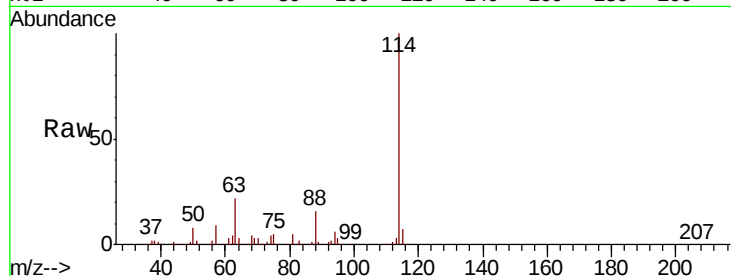




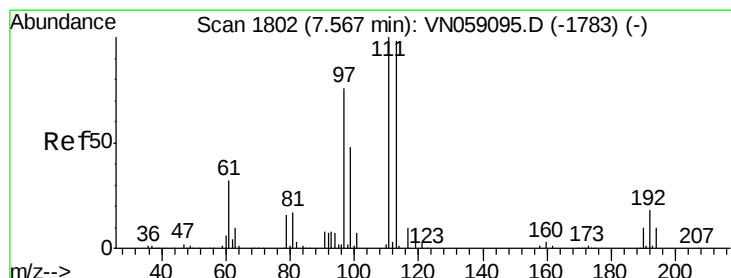
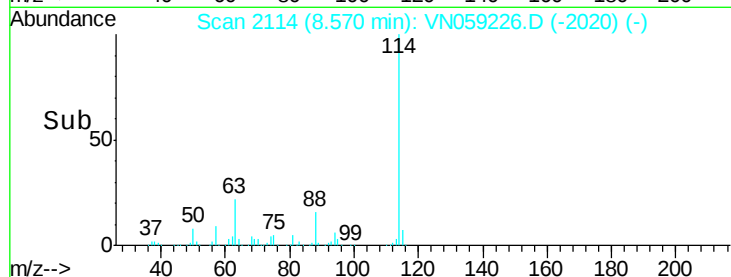
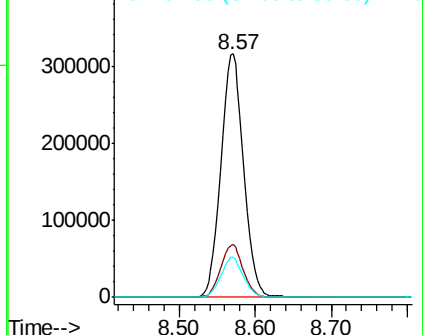
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059226.D
 Acq: 14 Nov 2019 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-111319

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.4
88	16.4	0.0	32.2

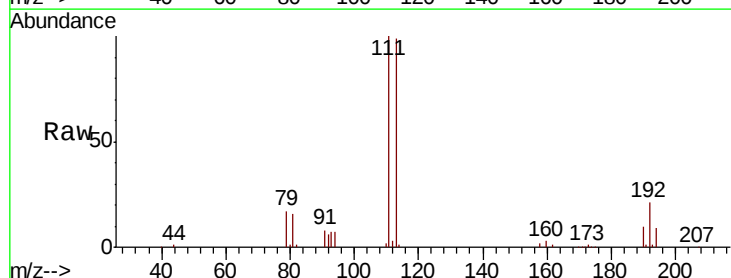


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

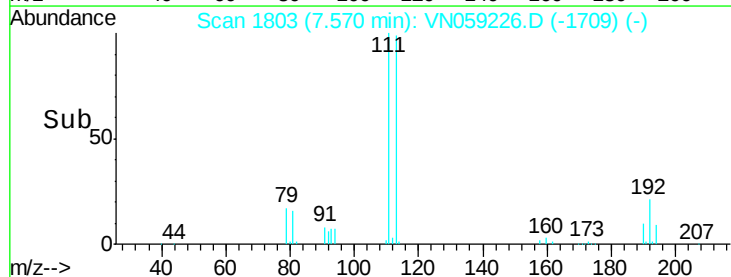
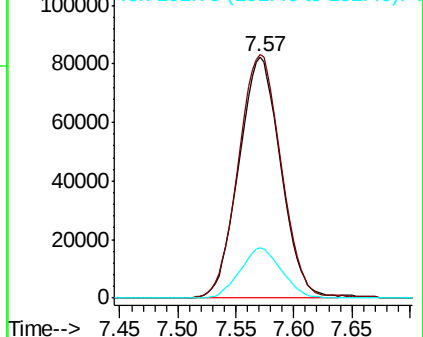


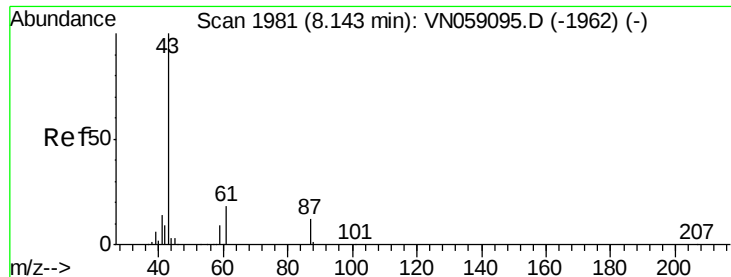
#35
 Dibromofluoromethane
 Concen: 52.849 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059226.D
 Acq: 14 Nov 2019 12:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.8	124.2
192	20.6	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: 7.499 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059226.D

Acq: 14 Nov 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

HD-02-111319

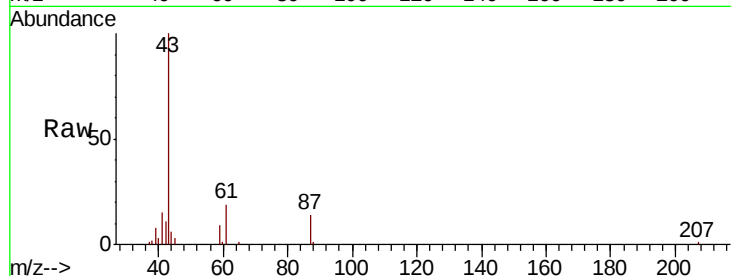
Tot Ion: 43 Resp: 81660

Ion Ratio Lower Upper

43 100

61 20.0 21.0 31.6#

87 12.9 9.8 14.6

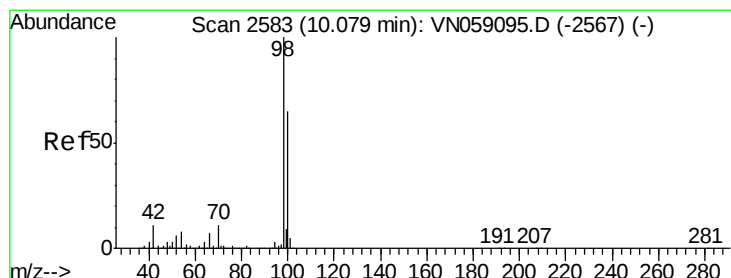
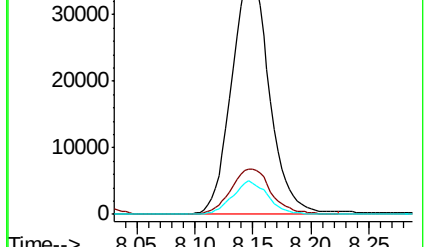
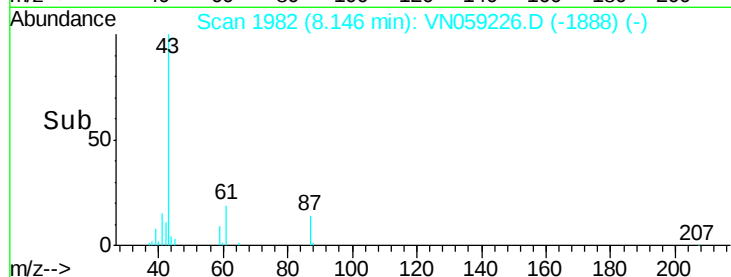


Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN059095.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN059095.D (-1962) (-)

Time-->



#50

Toluene-d8

Concen: 53.049 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059226.D

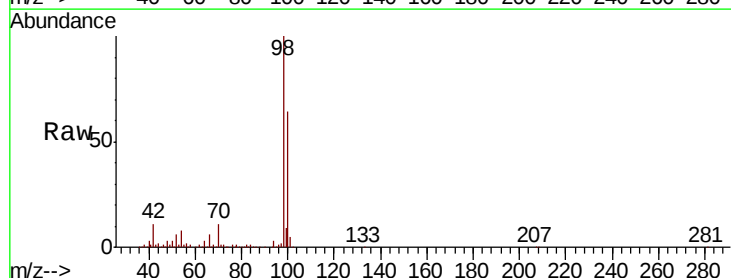
Acq: 14 Nov 2019 12:25

Tgt Ion: 98 Resp: 819533

Ion Ratio Lower Upper

98 100

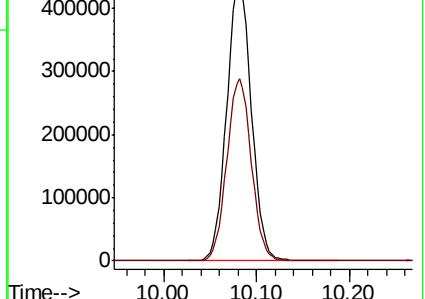
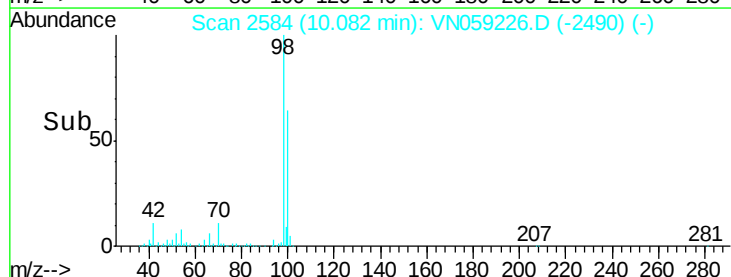
100 64.4 52.2 78.2

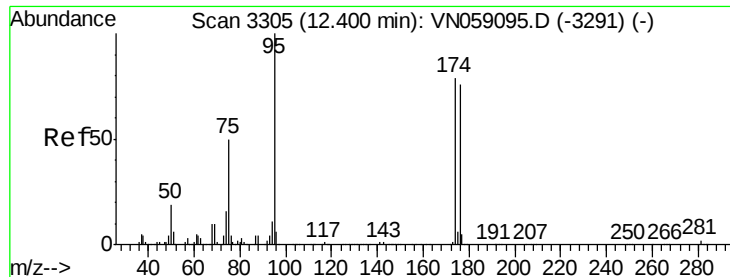


Abundance Ion 98.00 (97.70 to 98.70): VN059095.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059095.D (-2567) (-)

Time-->





#62

4-Bromofluorobenzene

Concen: 44.880 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059226.D

Acq: 14 Nov 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

HD-02-111319

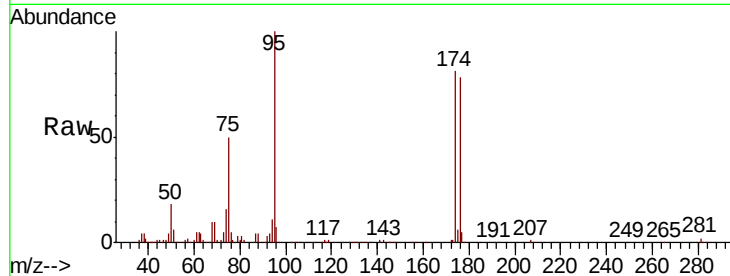
Tot Ion: 95 Resp: 249988

Ion Ratio Lower Upper

95 100

174 79.8 0.0 158.2

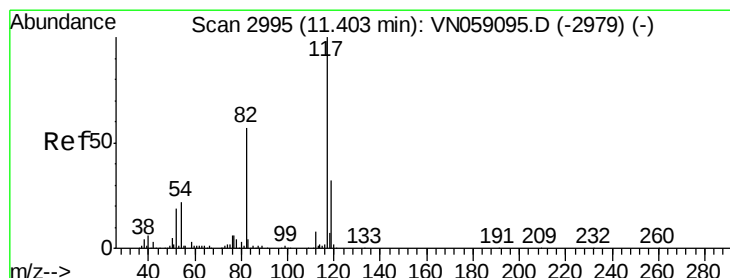
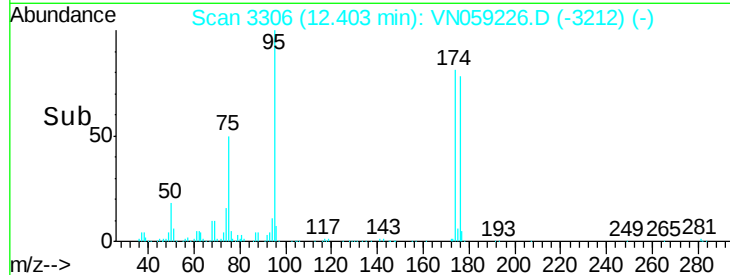
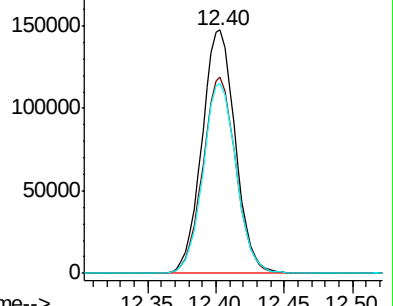
176 78.1 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059226.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059226.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059226.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059226.D

Acq: 14 Nov 2019 12:25

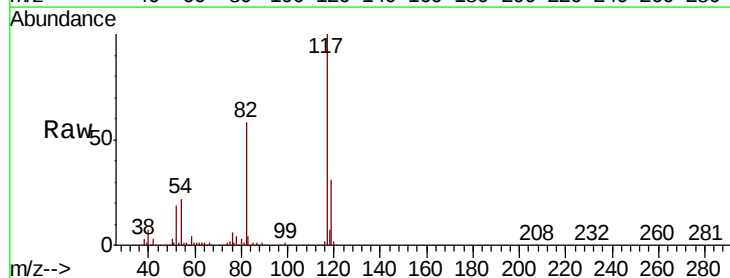
Tgt Ion: 117 Resp: 589468

Ion Ratio Lower Upper

117 100

82 57.7 45.8 68.8

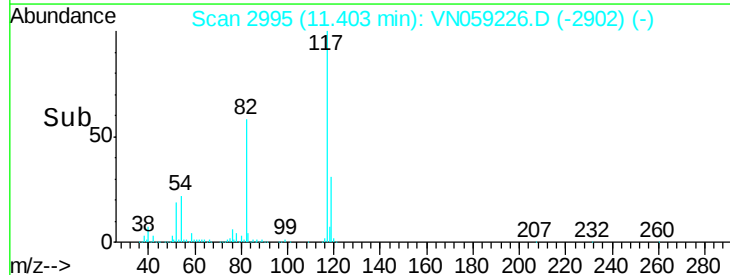
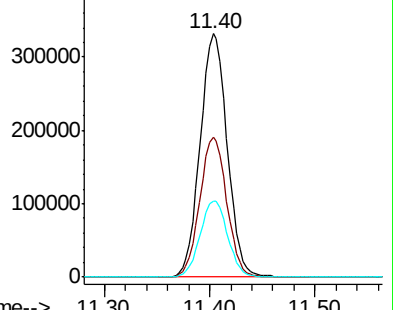
119 31.4 25.8 38.6

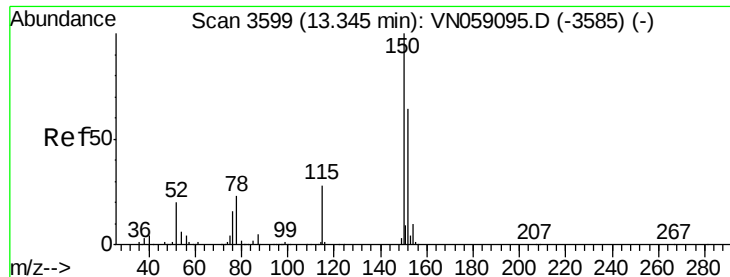


Abundance Ion 116.90 (116.60 to 117.60): VN059226.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059226.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059226.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: VN059226.D

Acq: 14 Nov 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

HD-02-111319

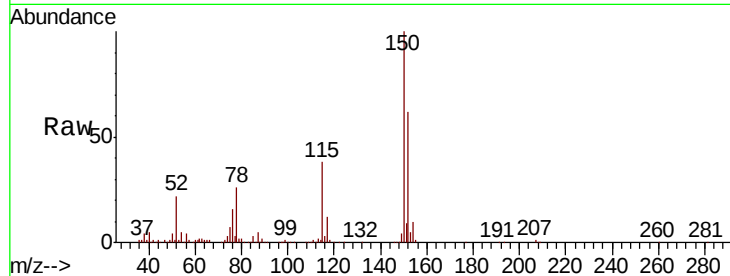
Tot Ion:152 Resp: 203992

Ion Ratio Lower Upper

152 100

115 60.1 29.4 88.2

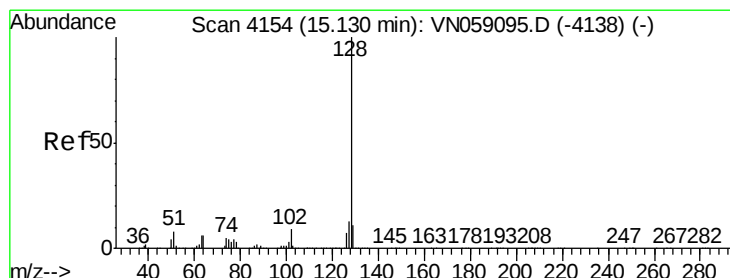
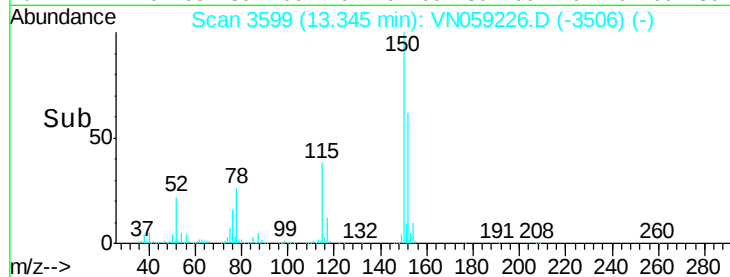
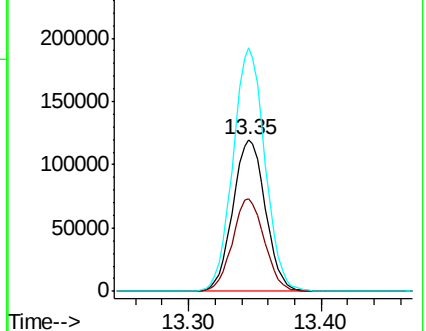
150 157.9 0.0 345.8



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



#95

Naphthalene

Concen: 4.125 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059226.D

Acq: 14 Nov 2019 12:25

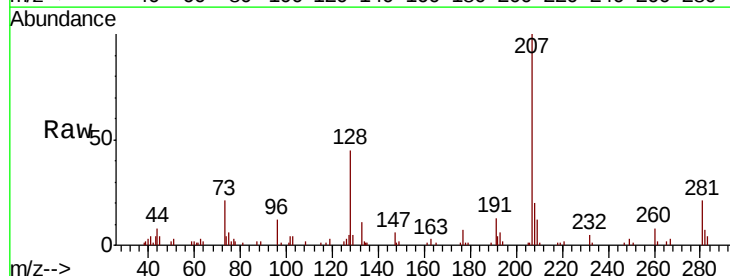
Tgt Ion:128 Resp: 12159

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

129 12.3 8.6 12.8



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

