

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121619\
 Data File : VN059604.D
 Acq On : 16 Dec 2019 15:55
 Operator : JC/SP
 Sample : K6110-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-121219

Quant Time: Dec 17 05:53:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

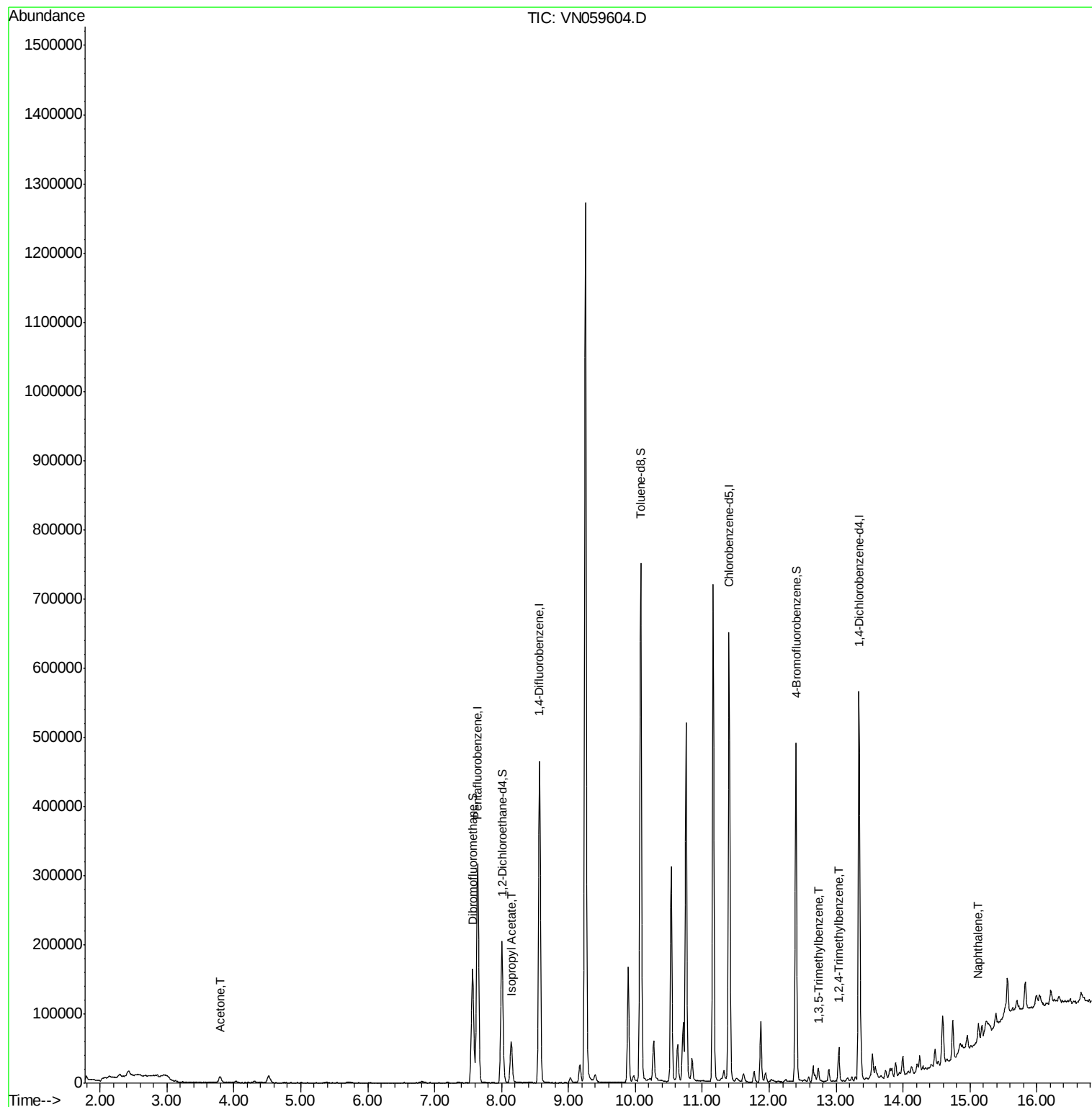
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	251272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	399475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	366174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	177841	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
35) Dibromofluoromethane	7.57	113	125544	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
50) Toluene-d8	10.08	98	499679	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.40	95	168479	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.32%	
Target Compounds						
16) Acetone	3.79	43	14852	6.842	ug/l	98
43) Isopropyl Acetate	8.14	43	70883	9.416	ug/l #	91
80) 1,3,5-Trimethylbenzene	12.73	105	10613	1.086	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	27164	2.797	ug/l	99
95) Naphthalene	15.13	128	18819	1.896	ug/l	96

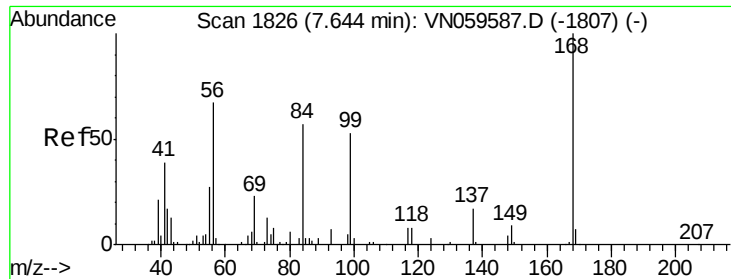
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121619\
Data File : VN059604.D
Acq On : 16 Dec 2019 15:55
Operator : JC/SP
Sample : K6110-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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HD-02-121219

Quant Time: Dec 17 05:53:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 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: VN059604.D

Acq: 16 Dec 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

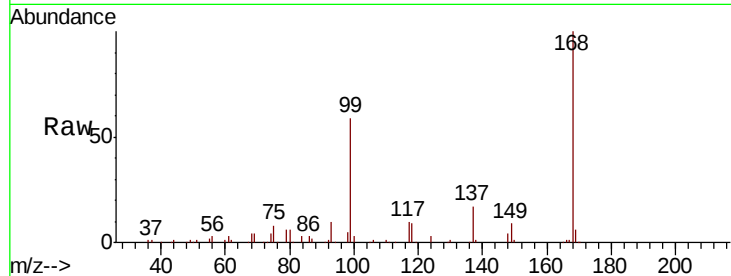
HD-02-121219

Tot Ion:168 Resp: 251272

Ion Ratio Lower Upper

168 100

99 58.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059587.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059587.D (-1807) (-)

7.64

120000

100000

80000

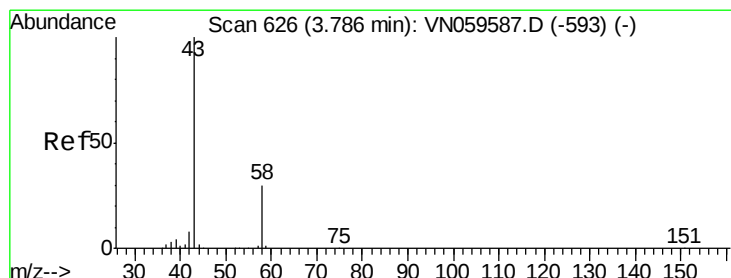
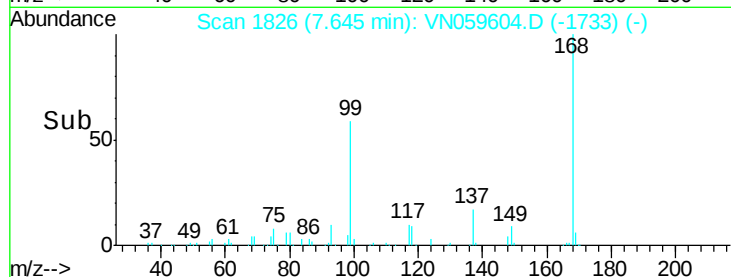
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 6.842 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.00 min

Lab File: VN059604.D

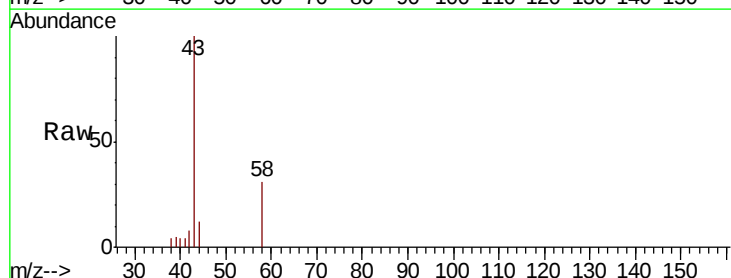
Acq: 16 Dec 2019 15:55

Tgt Ion: 43 Resp: 14852

Ion Ratio Lower Upper

43 100

58 30.6 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059587.D (-593) (-)

3.79

6000

5000

4000

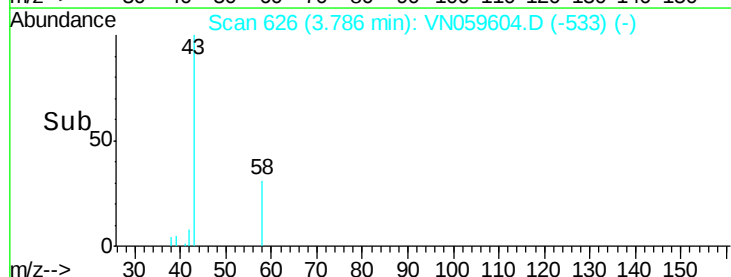
3000

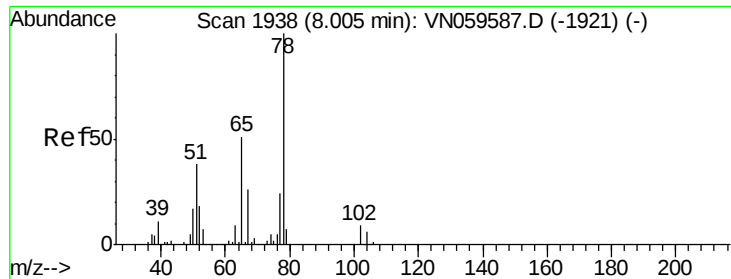
2000

1000

0

Time-->

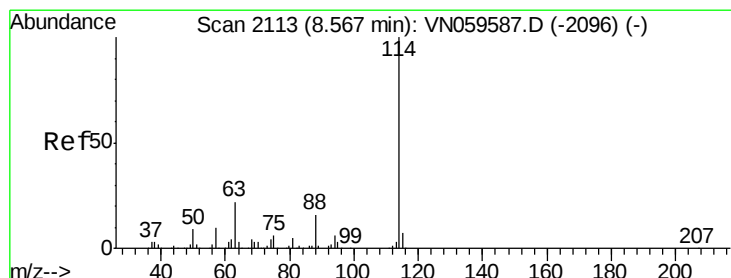
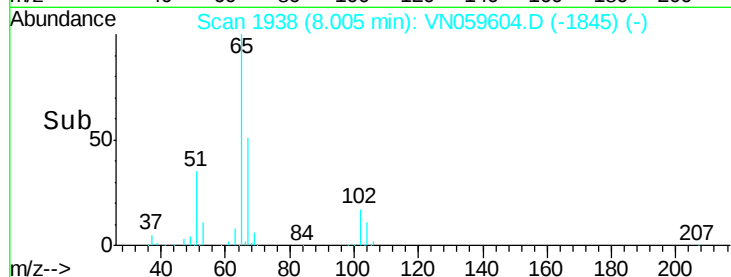
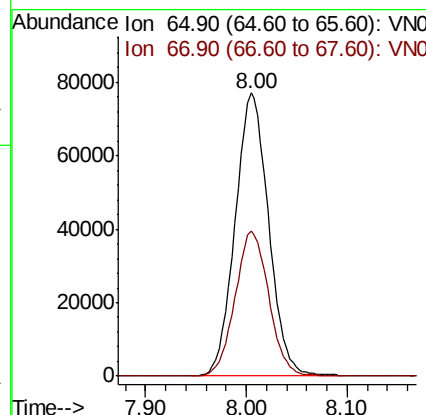
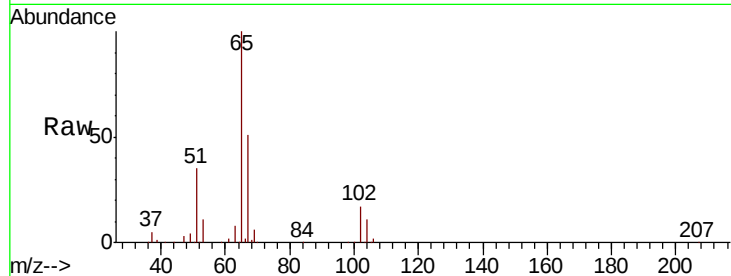




#33
 1,2-Dichloroethane-d4
 Concen: 48.638 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059604.D
 Acq: 16 Dec 2019 15:55

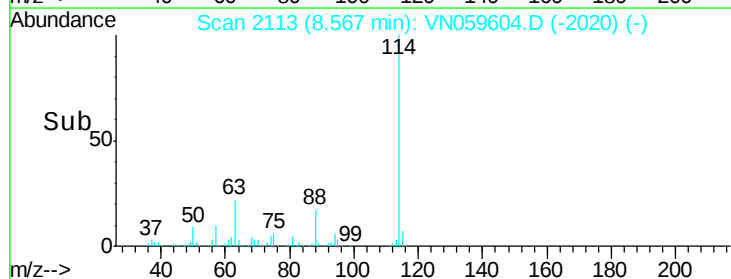
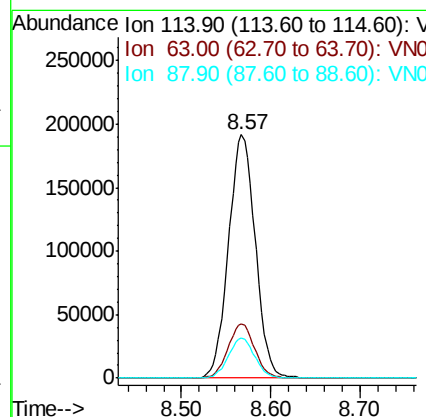
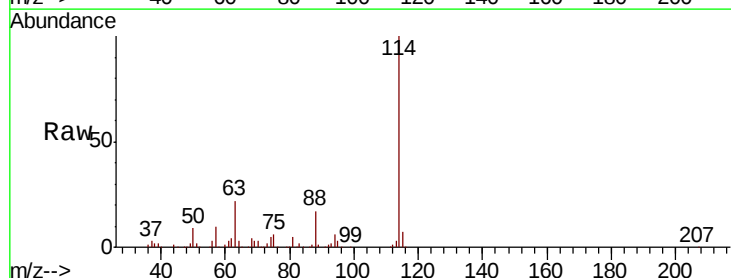
Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-121219

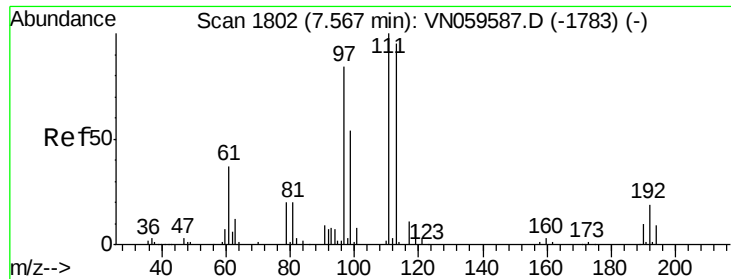
Tot Ion: 65 Resp: 177841
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059604.D
 Acq: 16 Dec 2019 15:55

Tgt Ion: 114 Resp: 399475
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.6
 88 16.6 0.0 31.4

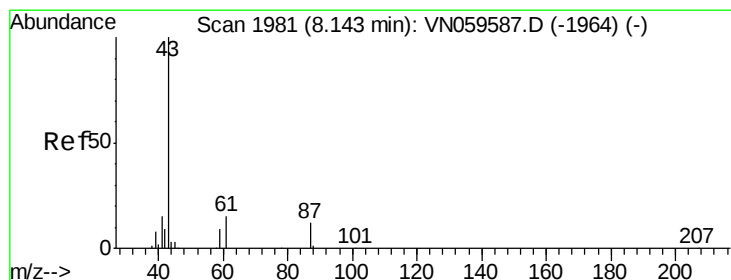
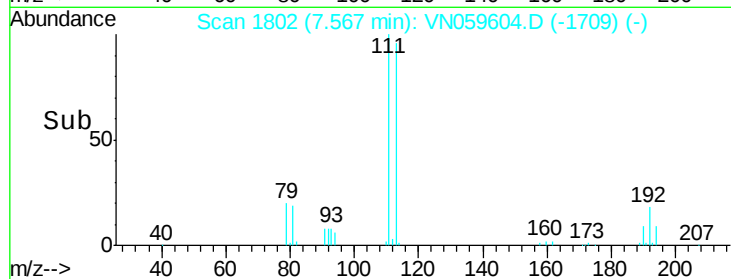
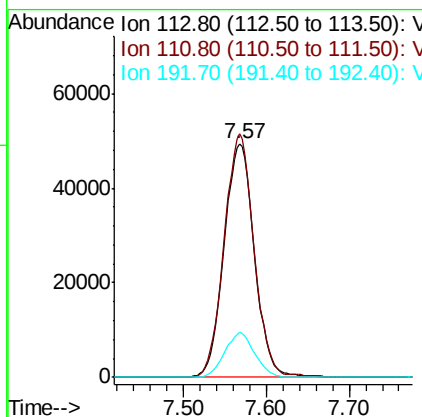
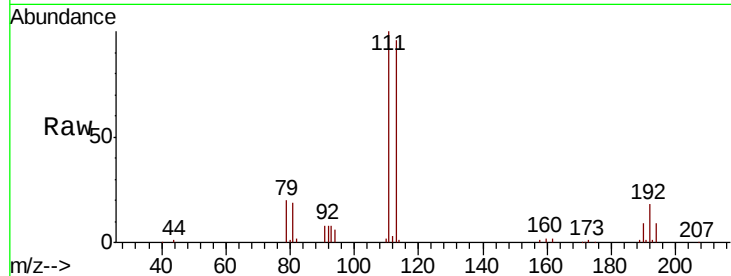




#35
 Dibromofluoromethane
 Concen: 50.228 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059604.D
 Acq: 16 Dec 2019 15:55

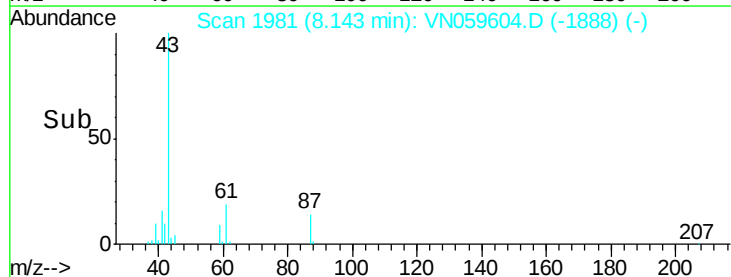
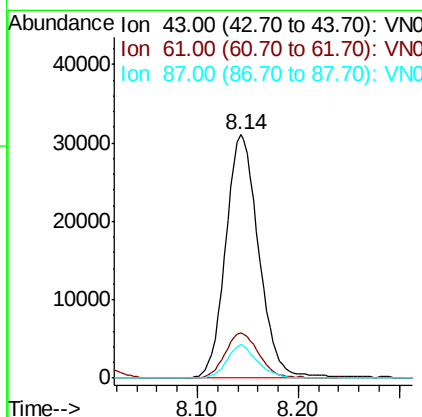
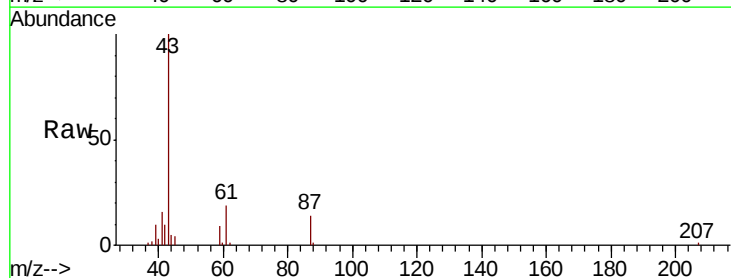
Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-121219

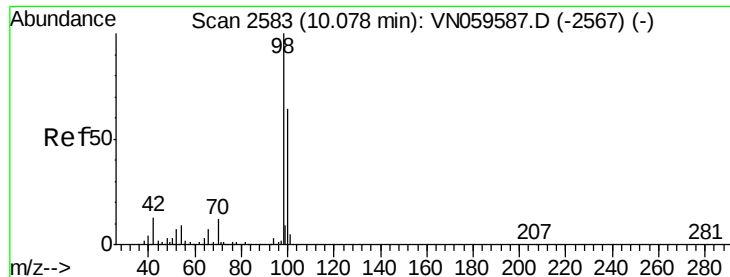
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.5	125.3
192	18.9	15.4	23.2



#43
 Isopropyl Acetate
 Concen: 9.416 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN059604.D
 Acq: 16 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.7	20.2	30.2#
87	12.5	9.5	14.3





#50

Toluene-d8

Concen: 50.494 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059604.D

Acq: 16 Dec 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

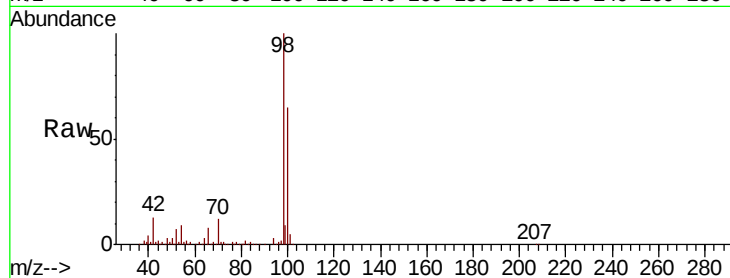
HD-02-121219

Tot Ion: 98 Resp: 499679

Ion Ratio Lower Upper

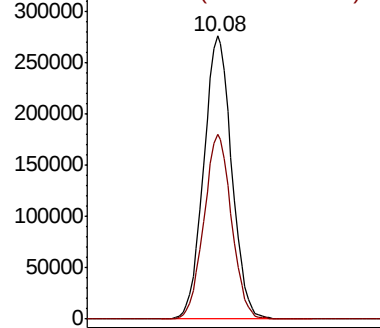
98 100

100 64.4 51.2 76.8

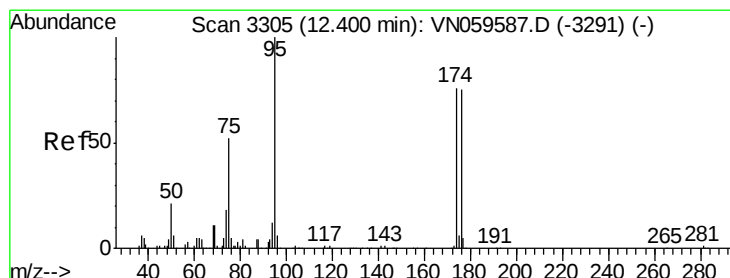
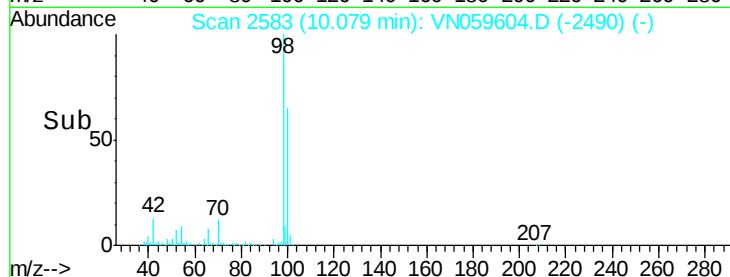


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#62

4-Bromofluorobenzene

Concen: 46.659 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN059604.D

Acq: 16 Dec 2019 15:55

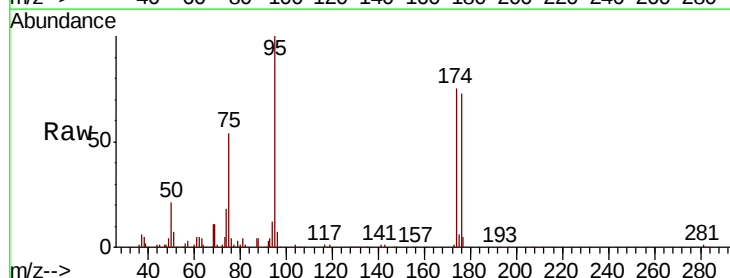
Tgt Ion: 95 Resp: 168479

Ion Ratio Lower Upper

95 100

174 75.9 0.0 151.4

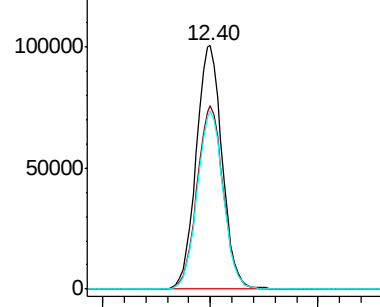
176 73.2 0.0 146.0



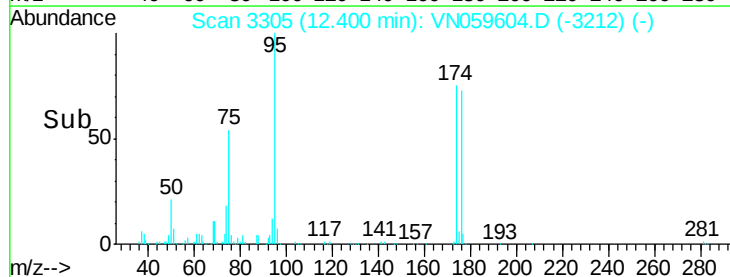
Abundance Ion 94.90 (94.60 to 95.60): VN0

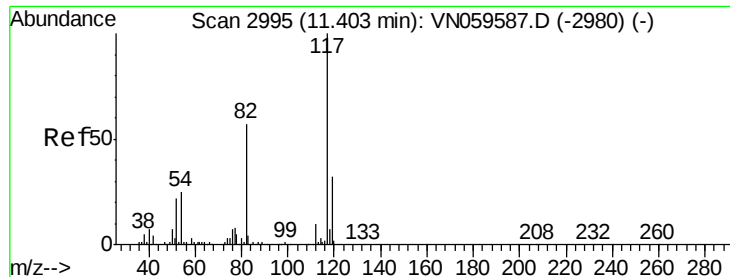
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN059604.D

Acq: 16 Dec 2019 15:55

Instrument :

MSVOA_N

ClientSampled :

HD-02-121219

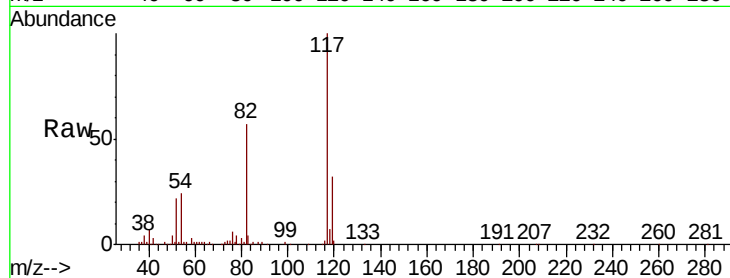
Tot Ion:117 Resp: 366174

Ion Ratio Lower Upper

117 100

82 57.2 45.9 68.9

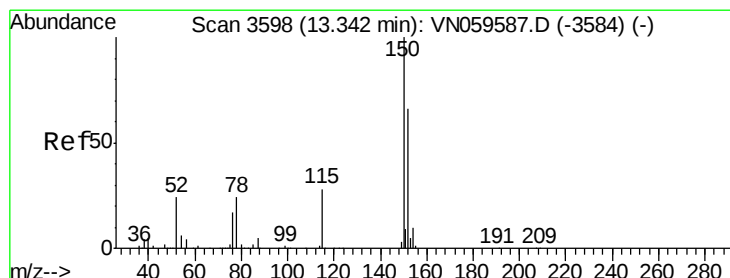
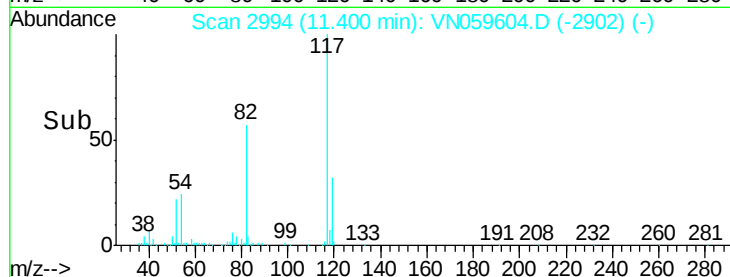
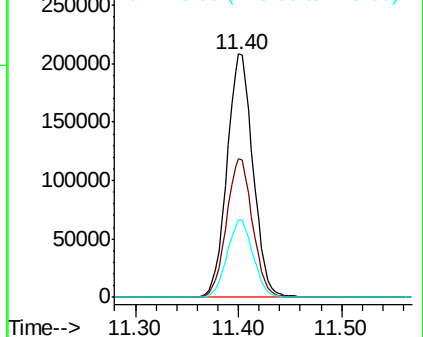
119 31.8 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN059604.D

Acq: 16 Dec 2019 15:55

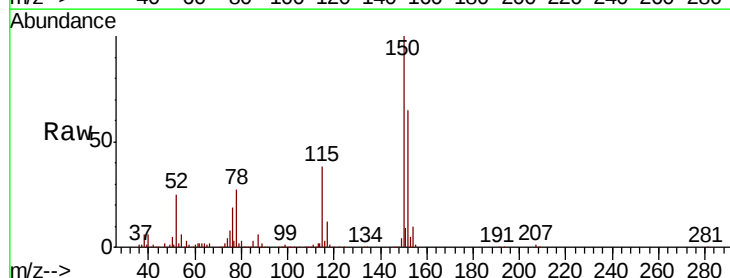
Tgt Ion:152 Resp: 147051

Ion Ratio Lower Upper

152 100

115 60.7 30.3 90.9

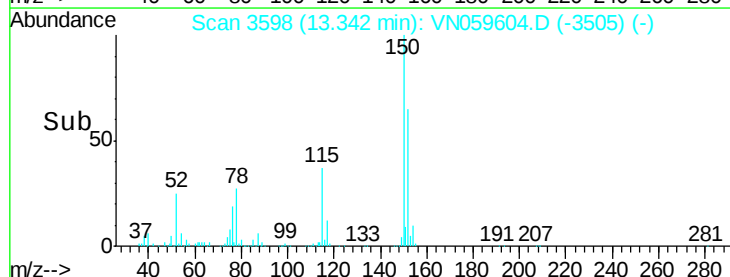
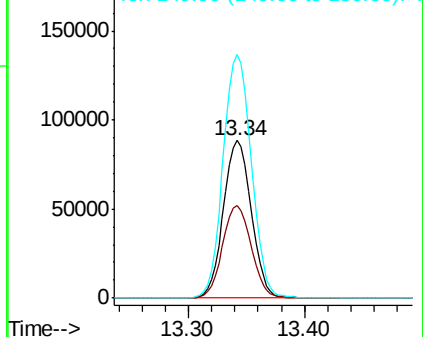
150 156.1 0.0 345.2

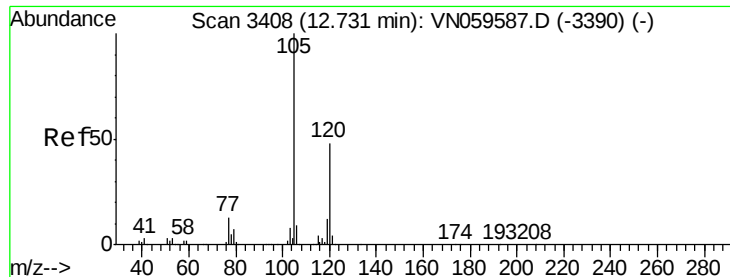


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#80

1,3,5-Trimethylbenzene

Concen: 1.086 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN059604.D

Acq: 16 Dec 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

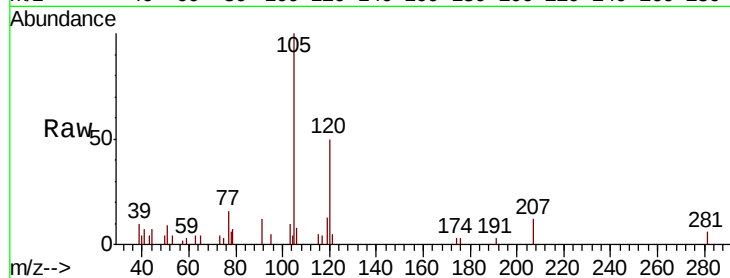
HD-02-121219

Tot Ion:105 Resp: 10613

Ion Ratio Lower Upper

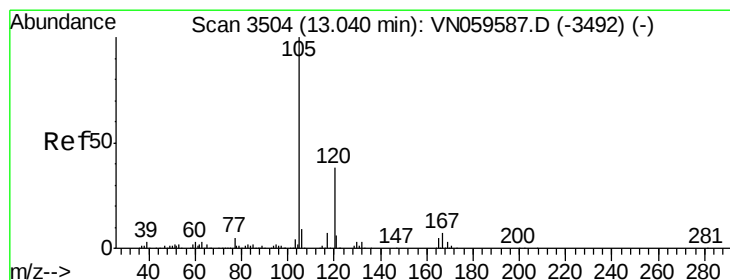
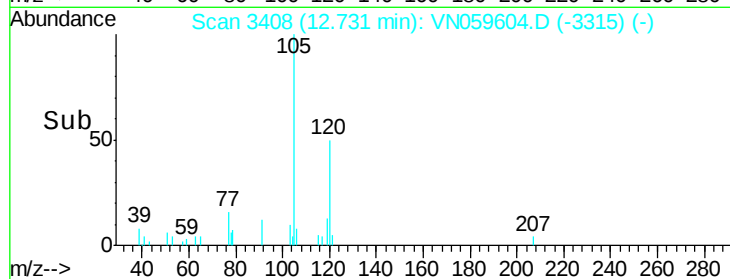
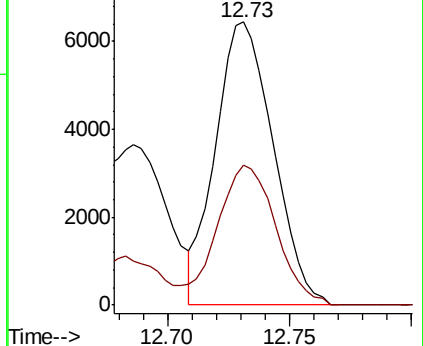
105 100

120 50.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 2.797 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN059604.D

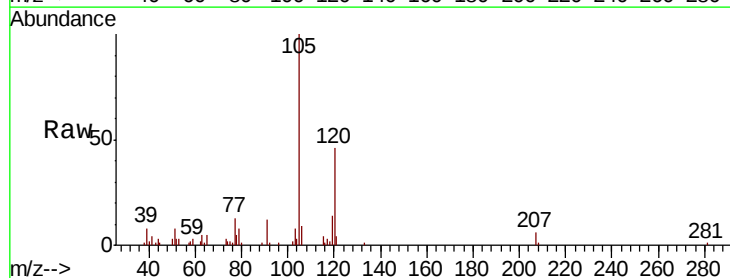
Acq: 16 Dec 2019 15:55

Tgt Ion:105 Resp: 27164

Ion Ratio Lower Upper

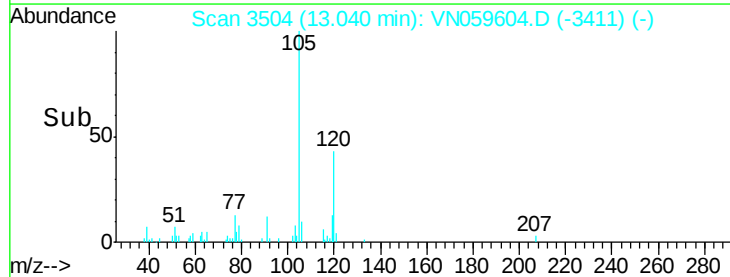
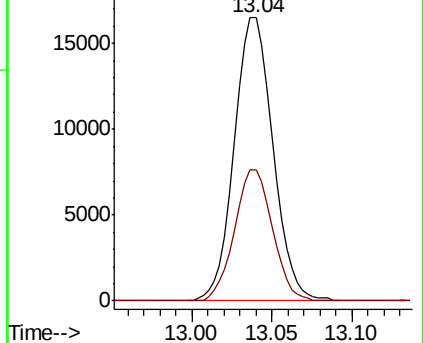
105 100

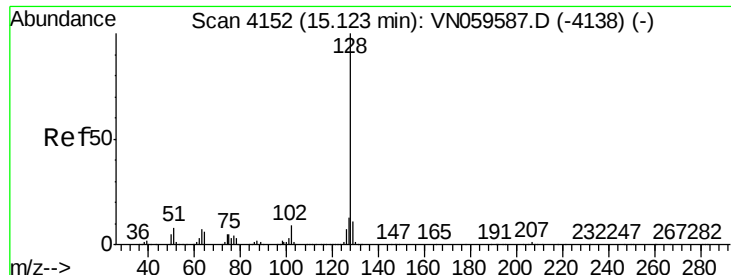
120 45.3 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 1.896 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN059604.D

Acq: 16 Dec 2019 15:55

Instrument :

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HD-02-121219

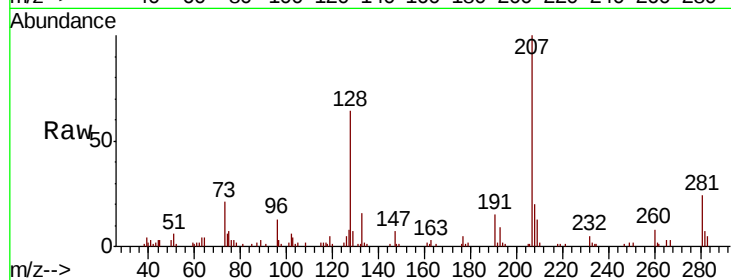
Tot Ion:128 Resp: 18819

Ion Ratio Lower Upper

128 100

127 12.1 10.4 15.6

129 12.8 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

