

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111419\
 Data File : VN059243.D
 Acq On : 14 Nov 2019 18:40
 Operator : JC/SP
 Sample : K5563-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STOCKPILE

Quant Time: Nov 15 08:14:40 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

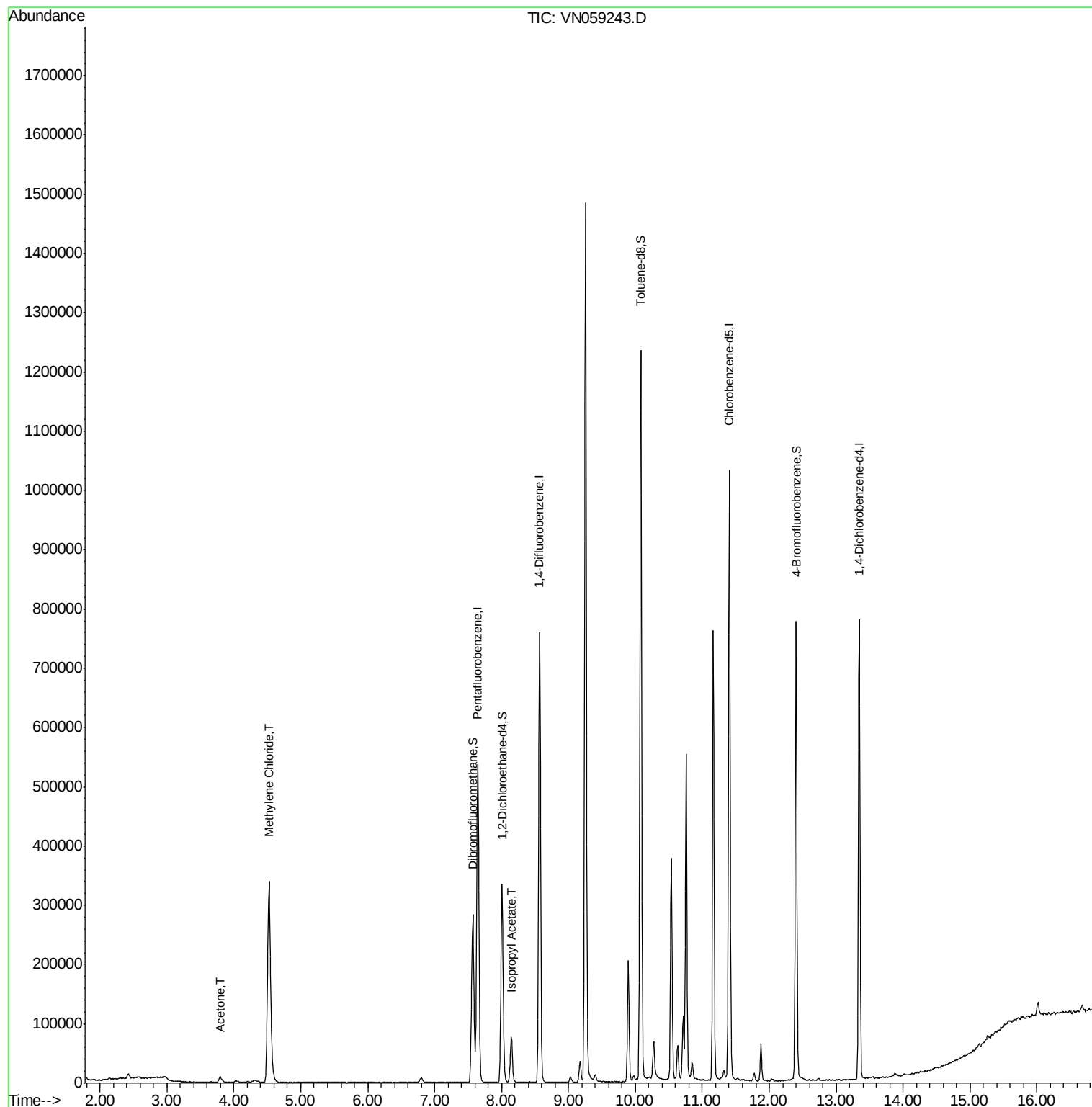
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	447270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	685854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	606471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	212059	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	286382	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
35) Dibromofluoromethane	7.57	113	220260	53.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.56%	
50) Toluene-d8	10.08	98	886604	54.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.92%	
62) 4-Bromofluorobenzene	12.40	95	276522	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
Target Compounds						
16) Acetone	3.80	43	15724	5.500	ug/l	96
20) Methylene Chloride	4.53	84	266716	53.546	ug/l	98
43) Isopropyl Acetate	8.15	43	92516	8.137	ug/l #	91

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111419\
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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: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059243.D

Acq: 14 Nov 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

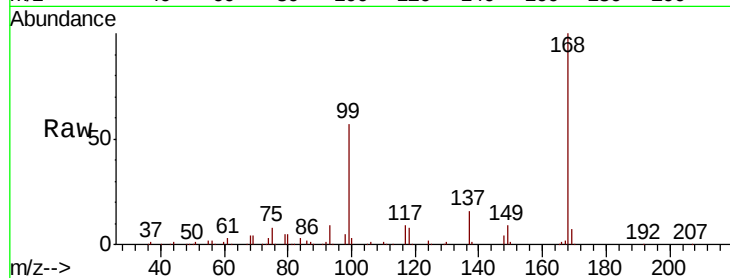
STOCKPILE

Tot Ion:168 Resp: 447270

Ion Ratio Lower Upper

168 100

99 56.6 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

200000

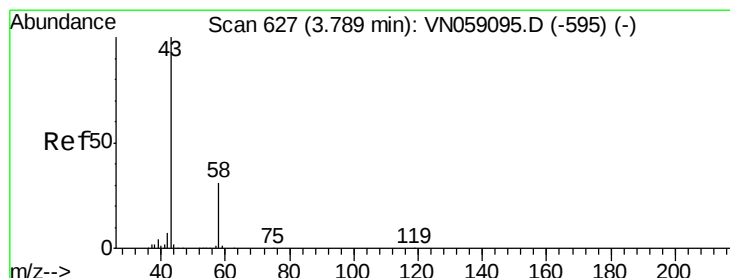
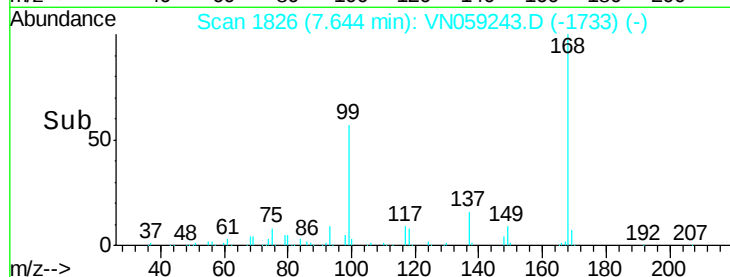
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 5.500 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059243.D

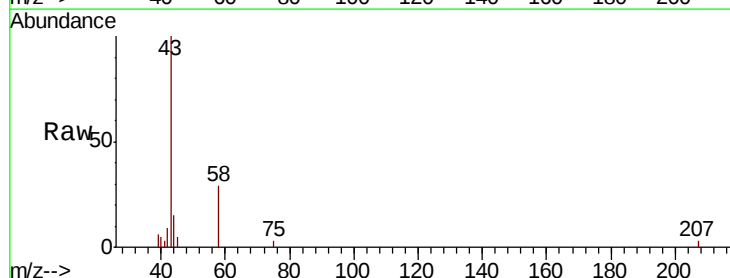
Acq: 14 Nov 2019 18:40

Tgt Ion: 43 Resp: 15724

Ion Ratio Lower Upper

43 100

58 28.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

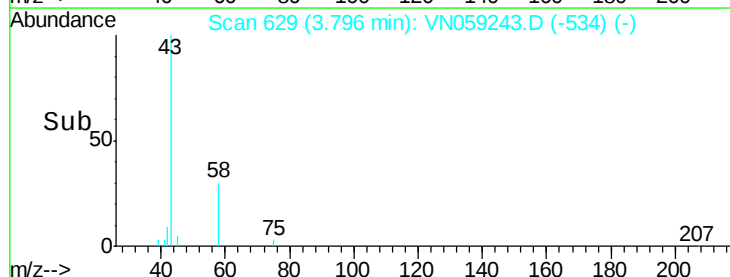
6000

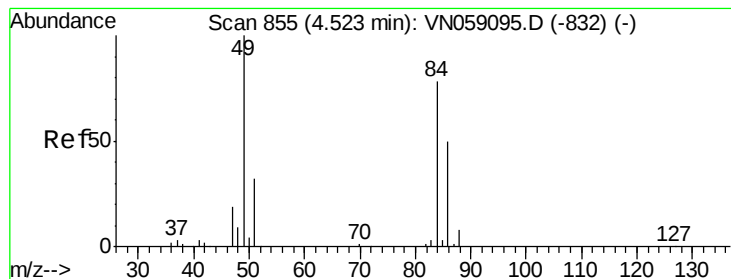
4000

2000

0

Time--> 3.70 3.75 3.80 3.85





#20

Methylene Chloride

Concen: 53.546 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059243.D

Acq: 14 Nov 2019 18:40

Instrument :

MSVOA_N

ClientSampled :

STOCKPILE

Tot Ion: 84 Resp: 266716

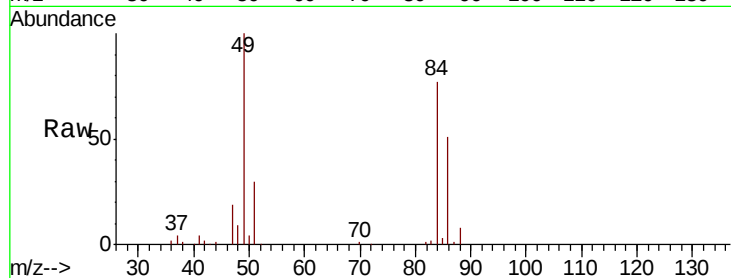
Ion Ratio Lower Upper

84 100

49 129.5 102.0 153.0

51 39.3 32.2 48.2

86 66.1 50.7 76.1

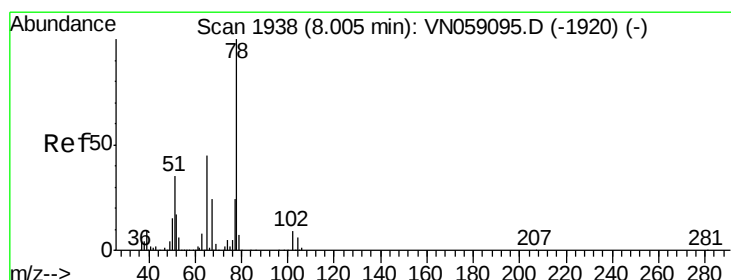
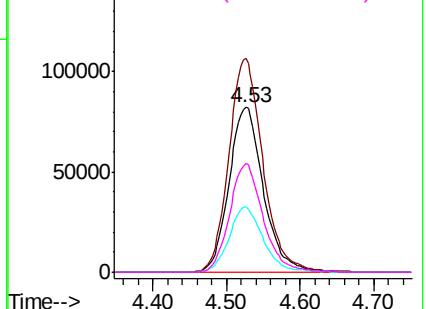
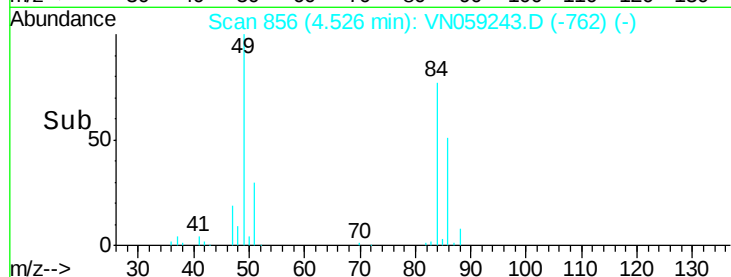


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 52.087 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059243.D

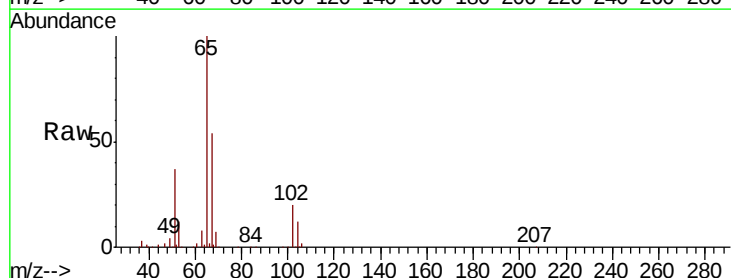
Acq: 14 Nov 2019 18:40

Tgt Ion: 65 Resp: 286382

Ion Ratio Lower Upper

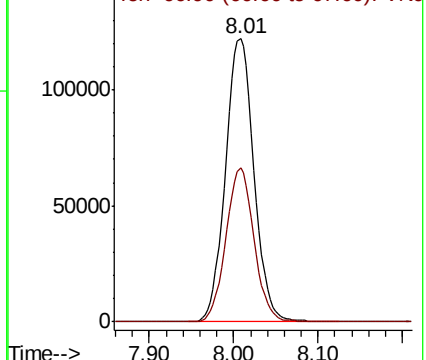
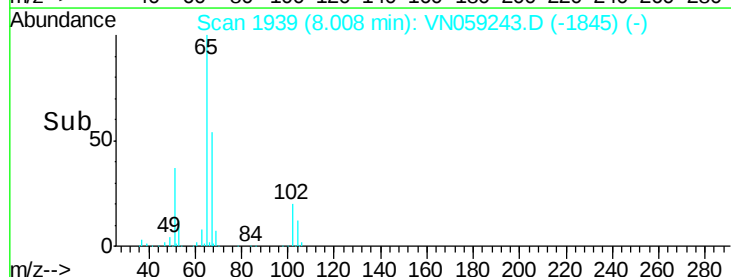
65 100

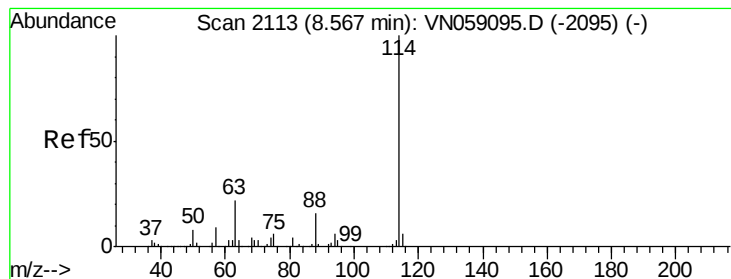
67 53.5 0.0 107.4



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: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059243.D

Acq: 14 Nov 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

STOCKPILE

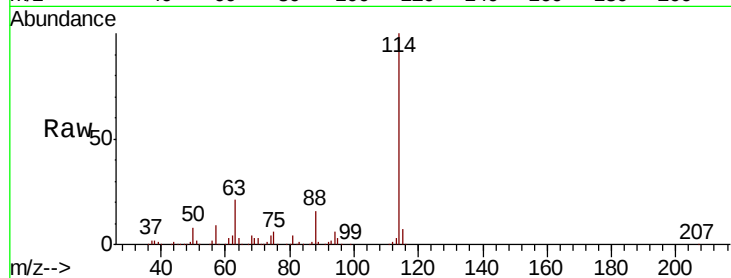
Tot Ion:114 Resp: 685854

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.4

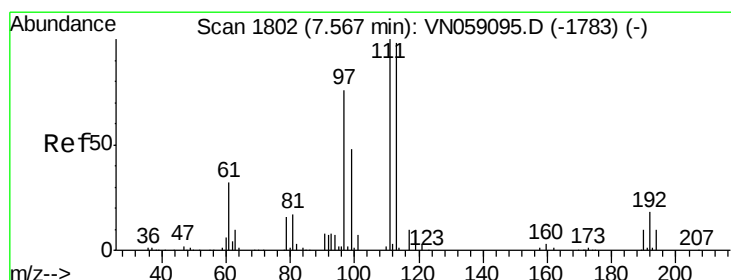
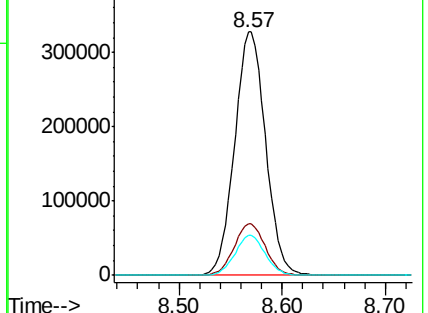
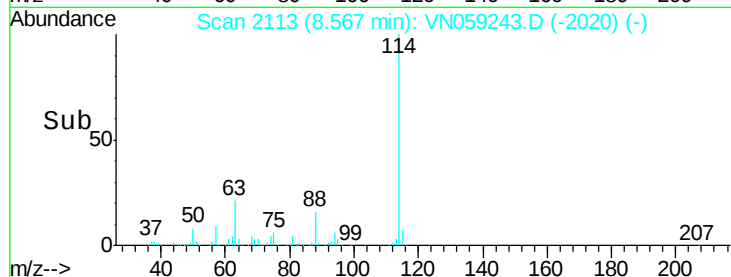
88 16.2 0.0 32.2



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: 53.785 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059243.D

Acq: 14 Nov 2019 18:40

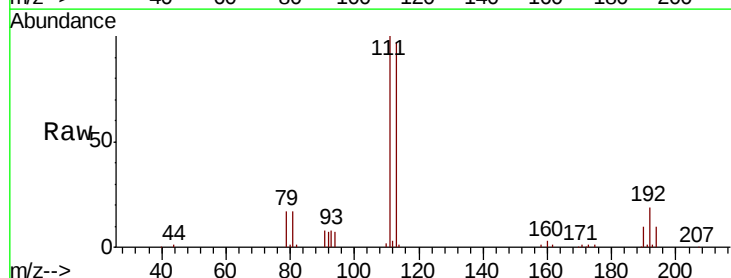
Tgt Ion:113 Resp: 220260

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

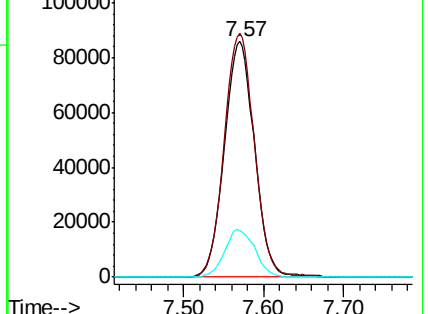
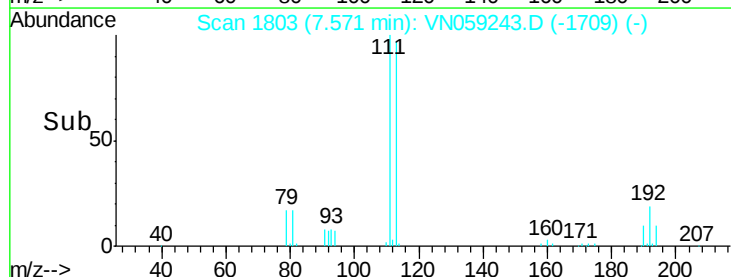
192 20.4 16.1 24.1

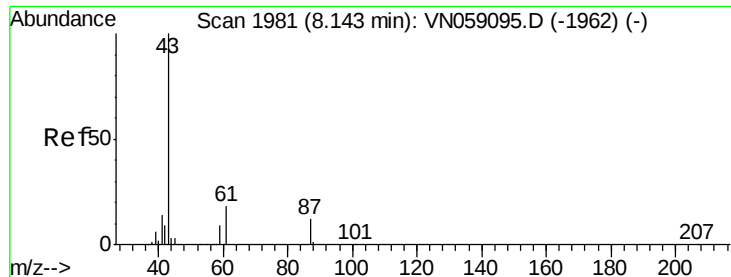


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.137 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059243.D

Acq: 14 Nov 2019 18:40

Instrument :

MSVOA_N

ClientSampled :

STOCKPILE

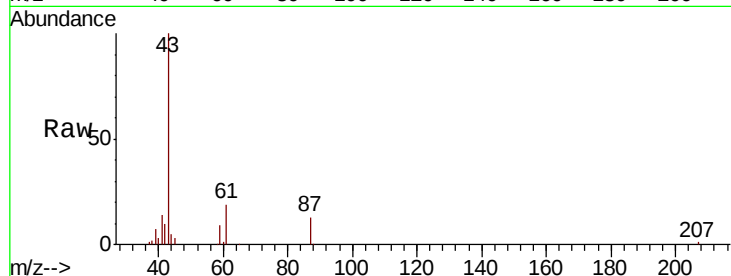
Tot Ion: 43 Resp: 92516

Ion Ratio Lower Upper

43 100

61 20.1 21.0 31.6#

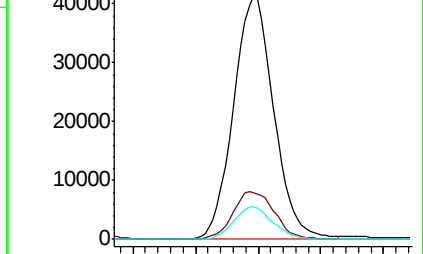
87 12.8 9.8 14.6



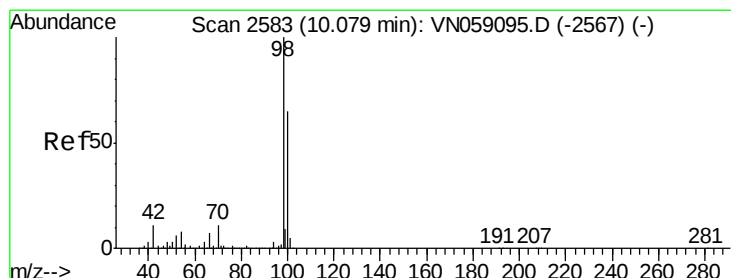
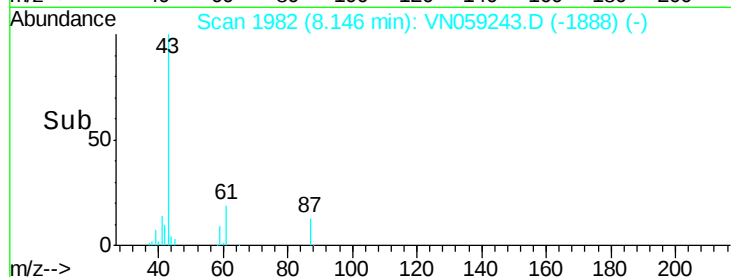
Abundance Ion 43.00 (42.70 to 43.70): VN059243.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN059243.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN059243.D (-1962) (-)



Time-->



#50

Toluene-d8

Concen: 54.964 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059243.D

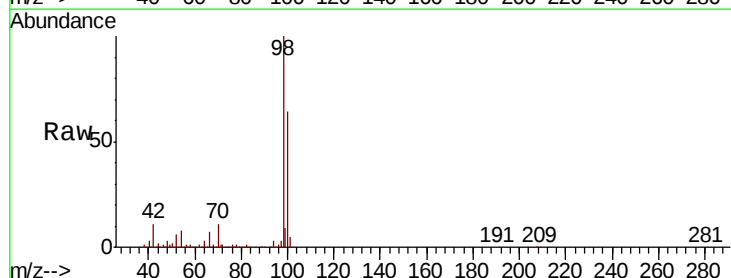
Acq: 14 Nov 2019 18:40

Tgt Ion: 98 Resp: 886604

Ion Ratio Lower Upper

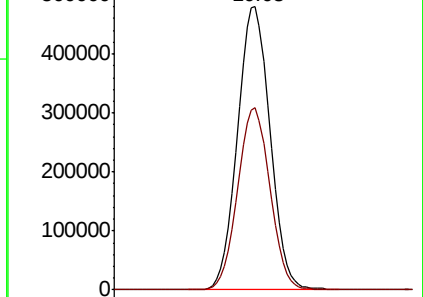
98 100

100 64.1 52.2 78.2

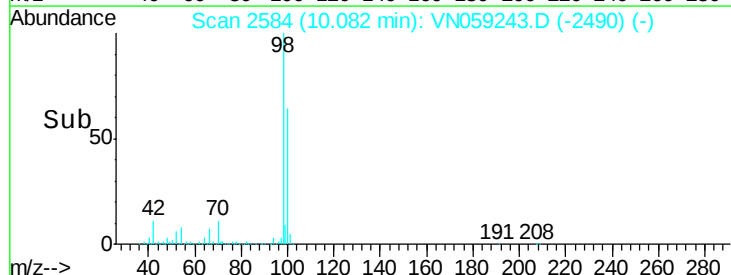


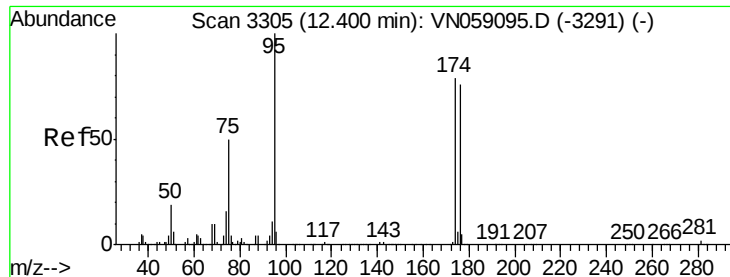
Abundance Ion 98.00 (97.70 to 98.70): VN059243.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059243.D (-2490) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: 47.544 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059243.D

Acq: 14 Nov 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

STOCKPILE

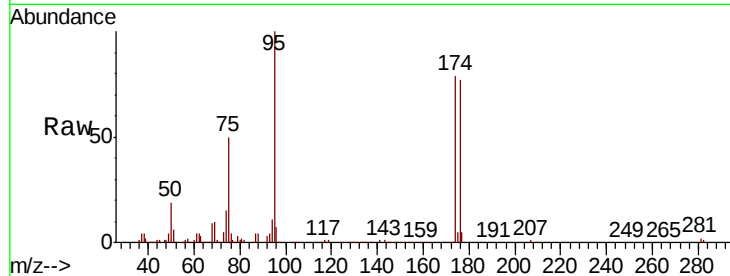
Tot Ion: 95 Resp: 276522

Ion Ratio Lower Upper

95 100

174 79.1 0.0 158.2

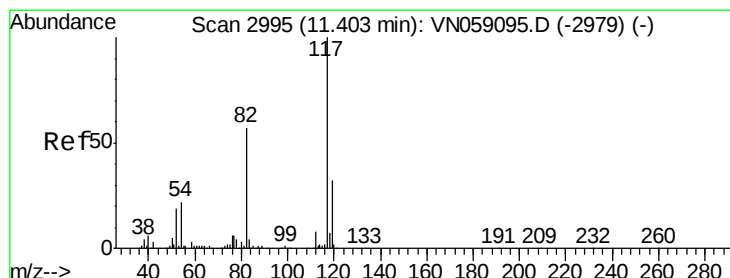
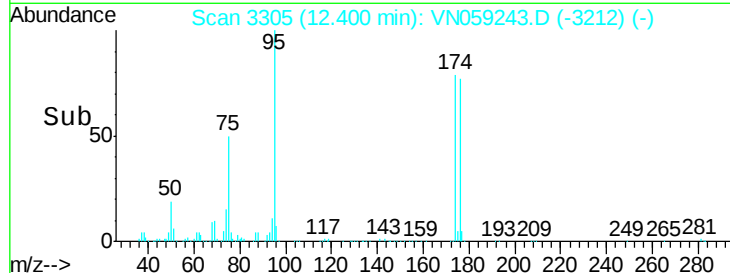
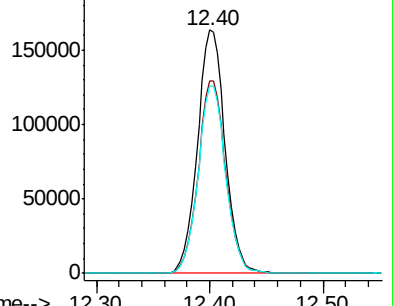
176 77.1 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059243.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059243.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059243.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059243.D

Acq: 14 Nov 2019 18:40

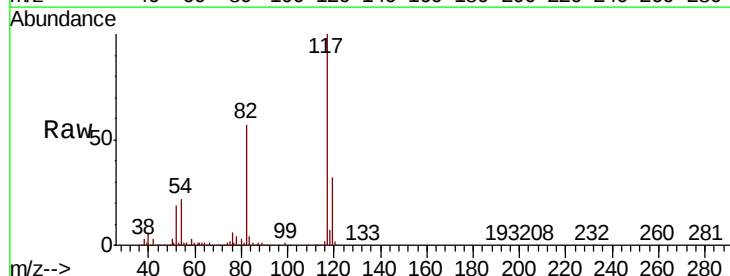
Tgt Ion: 117 Resp: 606471

Ion Ratio Lower Upper

117 100

82 57.0 45.8 68.8

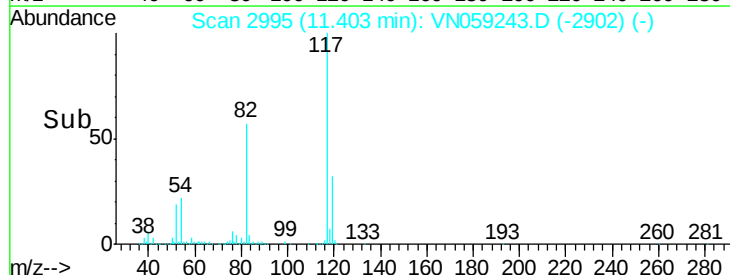
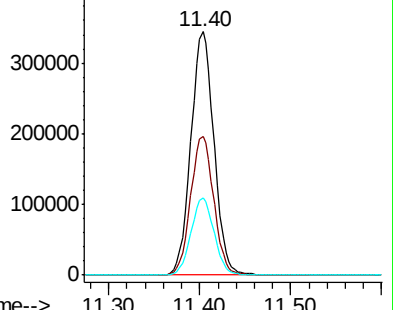
119 31.8 25.8 38.6

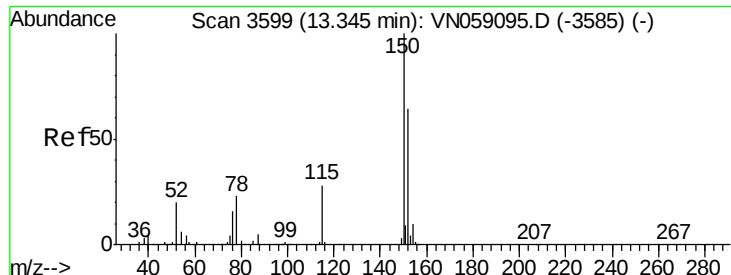


Abundance Ion 116.90 (116.60 to 117.60): VN059243.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059243.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059243.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: VN059243.D

Acq: 14 Nov 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

STOCKPILE

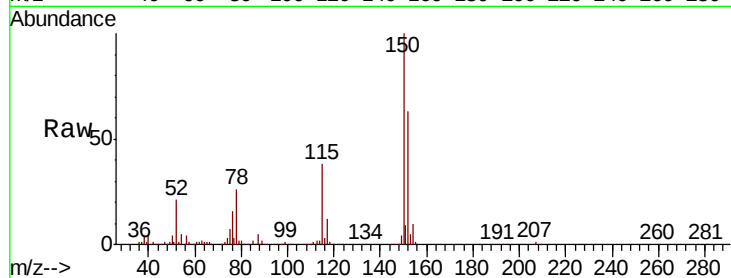
Tot Ion:152 Resp: 212059

Ion Ratio Lower Upper

152 100

115 60.5 29.4 88.2

150 159.9 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

