

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
 Data File : VN059124.D
 Acq On : 7 Nov 2019 15:54
 Operator : JC/SP
 Sample : K5676-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-110619

Quant Time: Nov 08 03:07:51 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

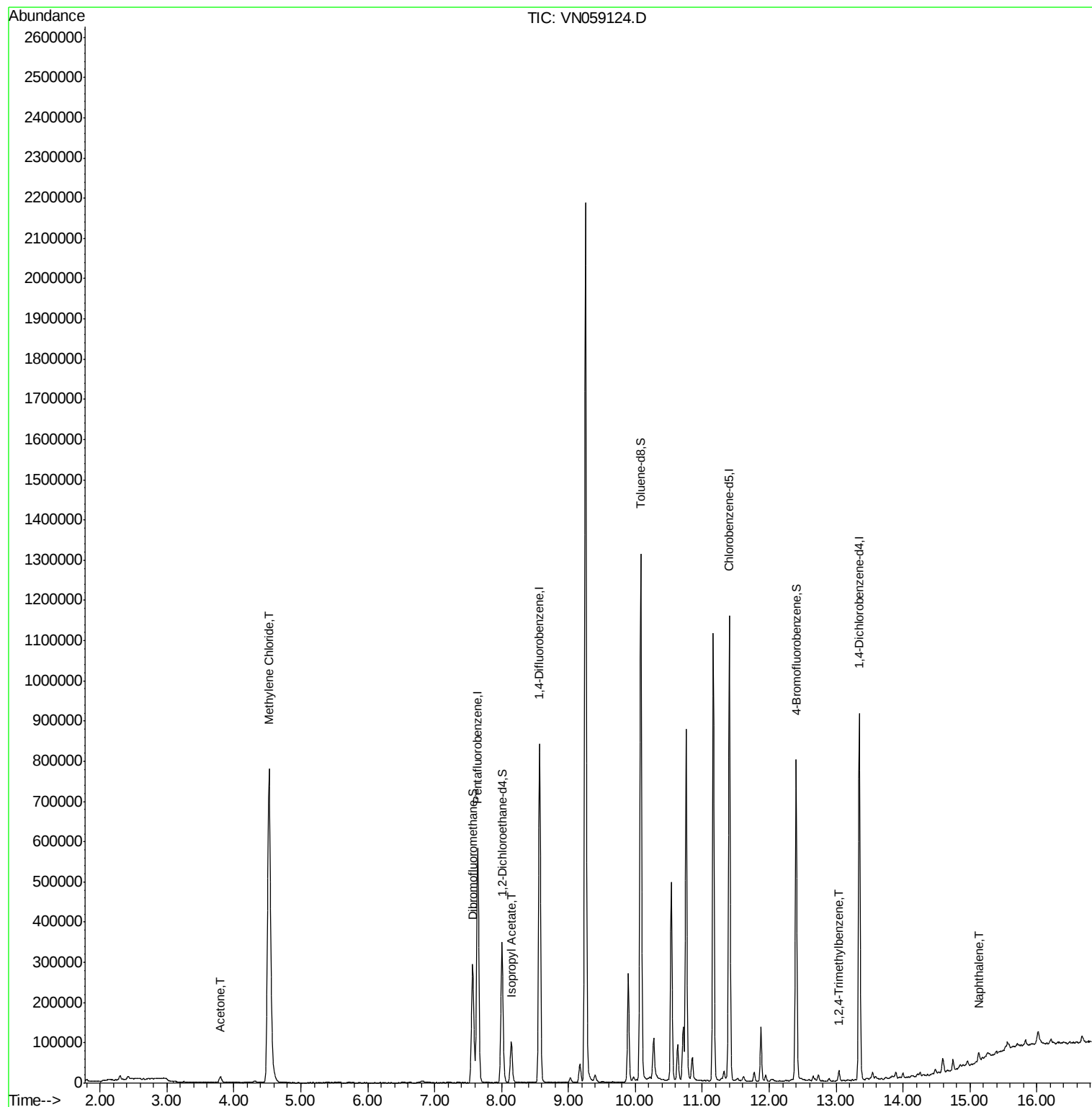
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	479993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	742431	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	667252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	243771	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	294505	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
35) Dibromofluoromethane	7.57	113	225804	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
50) Toluene-d8	10.08	98	911127	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.40	95	289754	46.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.04%	
Target Compounds						
16) Acetone	3.80	43	25175	8.205	ug/l	91
20) Methylene Chloride	4.53	84	623966	116.728	ug/l	98
43) Isopropyl Acetate	8.15	43	119159	9.682	ug/l #	91
84) 1,2,4-Trimethylbenzene	13.04	105	15505	1.067	ug/l	97
95) Naphthalene	15.13	128	17996	4.383	ug/l	98

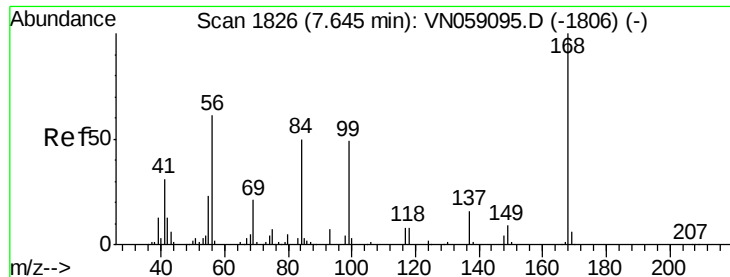
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110719\
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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: VN059124.D

Acq: 7 Nov 2019 15:54

Instrument :

MSVOA_N

ClientSampleId :

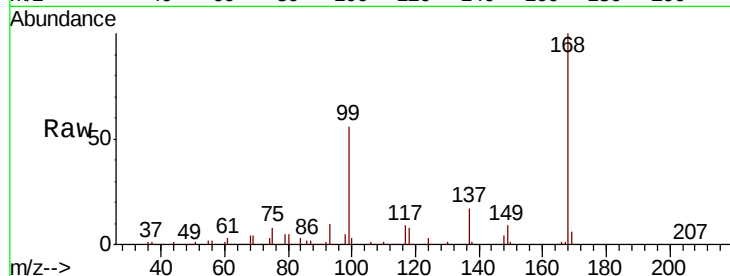
SU-04-110619

Tot Ion:168 Resp: 479993

Ion Ratio Lower Upper

168 100

99 56.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059124.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN059124.D (-1733) (-)

7.64

200000

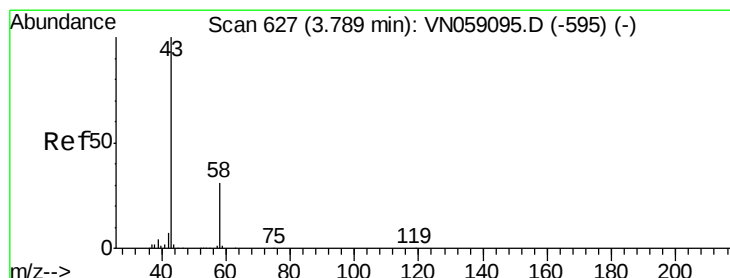
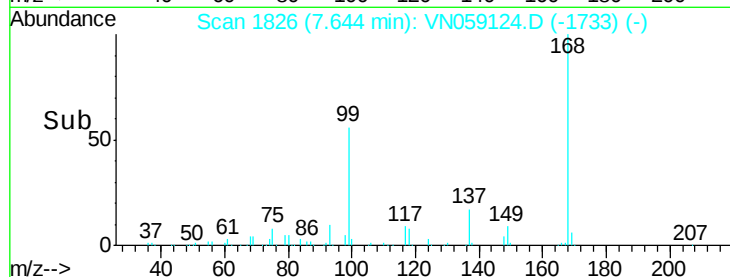
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 8.205 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059124.D

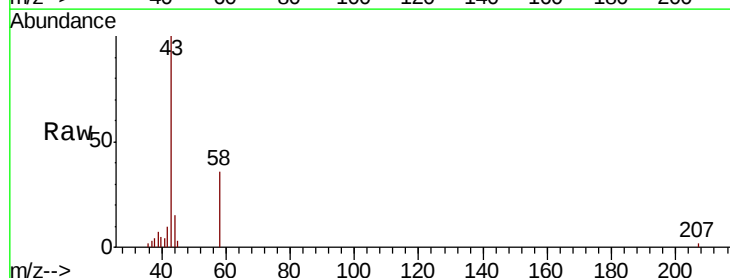
Acq: 7 Nov 2019 15:54

Tgt Ion: 43 Resp: 25175

Ion Ratio Lower Upper

43 100

58 36.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059124.D (-534) (-)

Ion 58.00 (57.70 to 58.70): VN059124.D (-534) (-)

3.80

10000

8000

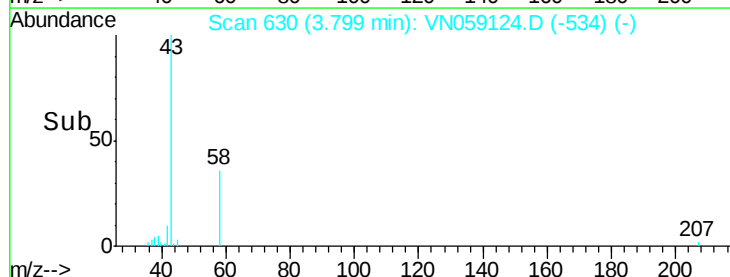
6000

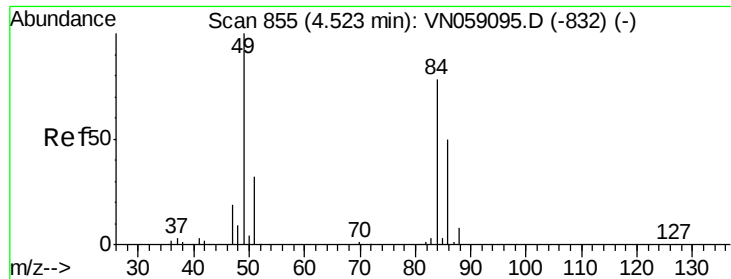
4000

2000

0

Time--> 3.70 3.80 3.90

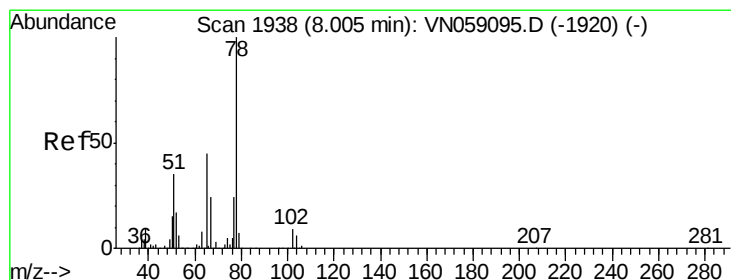
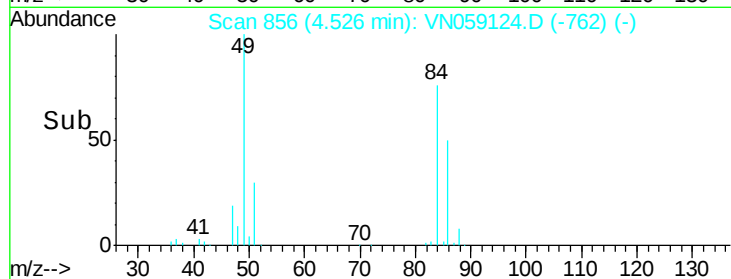
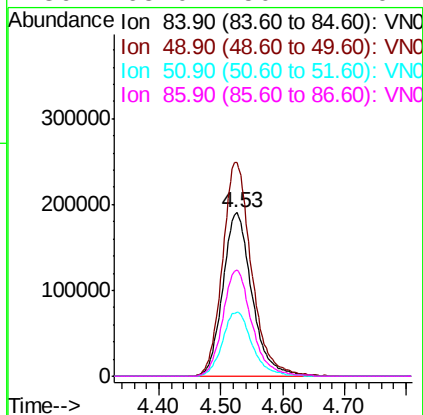
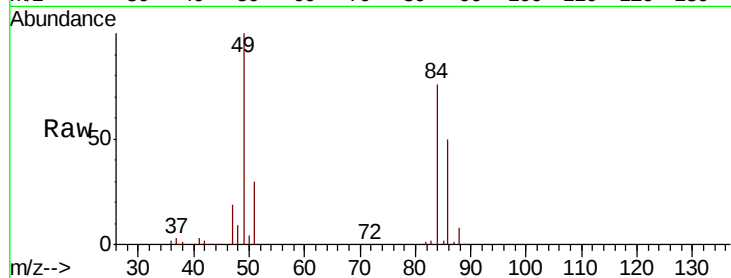




#20
Methvlene Chloride
Concen: 116.728 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059124.D
Acq: 7 Nov 2019 15:54

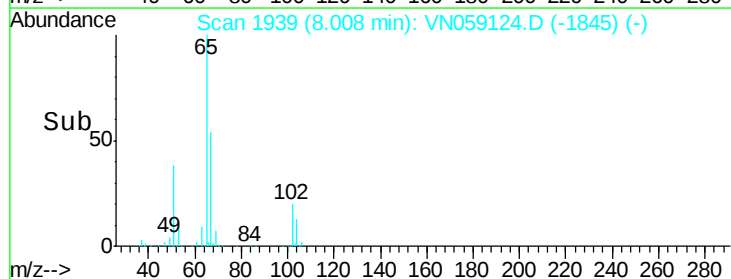
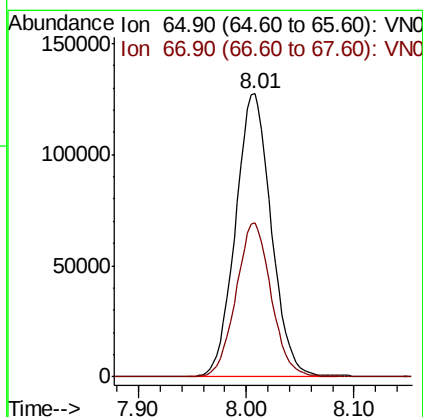
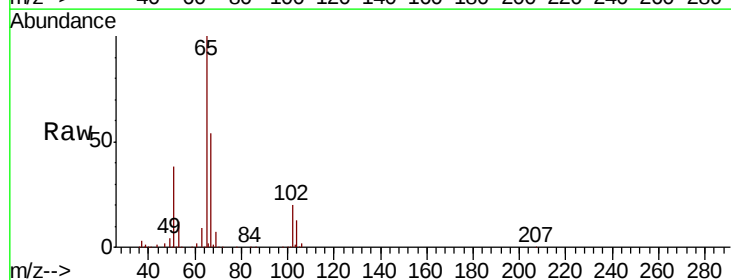
Instrument :
MSVOA_N
ClientSampleId :
SU-04-110619

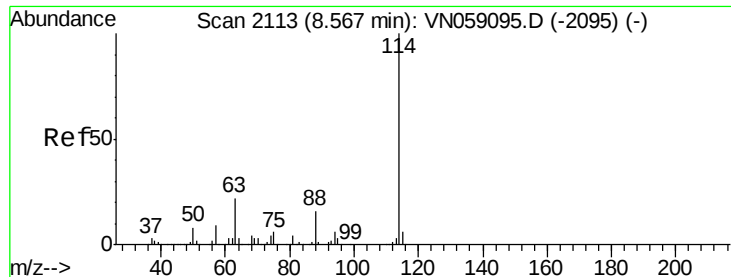
Tot Ion: 84 Resp: 623966
Ion Ratio Lower Upper
84 100
49 130.7 102.0 153.0
51 39.0 32.2 48.2
86 65.0 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 49.913 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059124.D
Acq: 7 Nov 2019 15:54

Tgt Ion: 65 Resp: 294505
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059124.D

Acq: 7 Nov 2019 15:54

Instrument :

MSVOA_N

ClientSampleId :

SU-04-110619

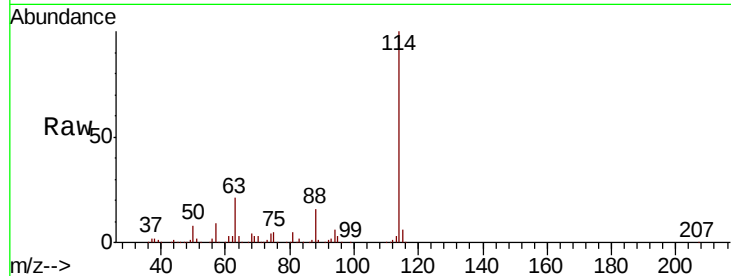
Tot Ion:114 Resp: 742431

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.4

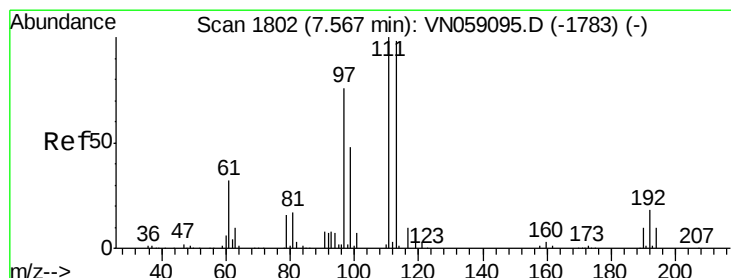
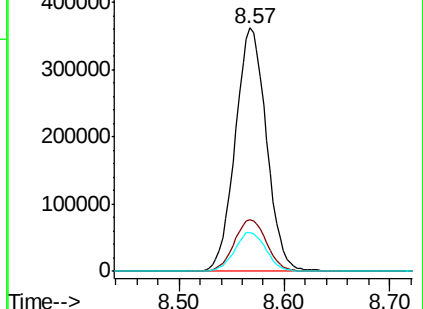
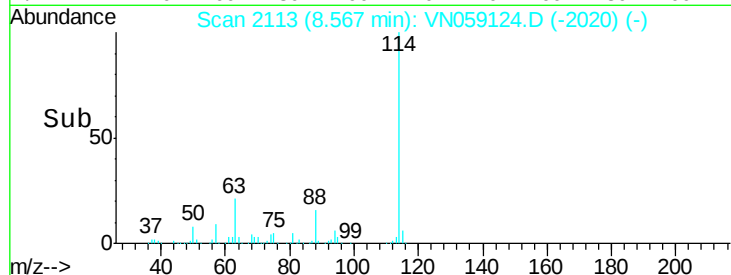
88 16.1 0.0 32.2



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: 50.937 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059124.D

Acq: 7 Nov 2019 15:54

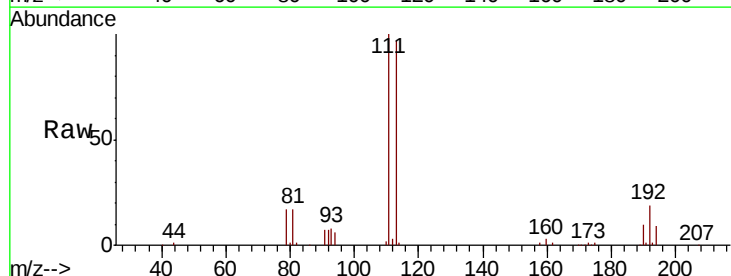
Tgt Ion:113 Resp: 225804

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

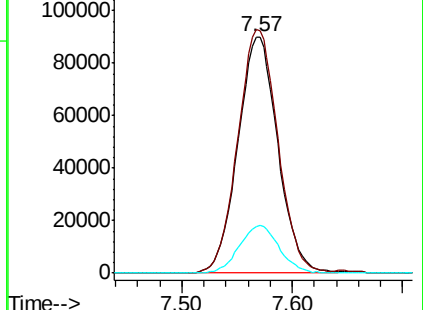
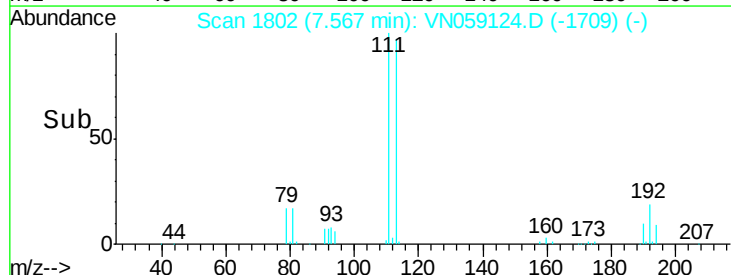
192 20.0 16.1 24.1

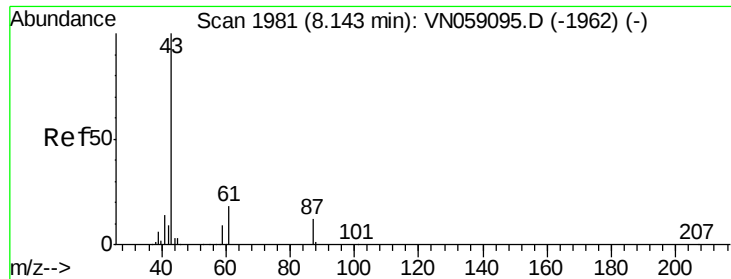


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.682 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059124.D

Acq: 7 Nov 2019 15:54

Instrument :

MSVOA_N

ClientSampleId :

SU-04-110619

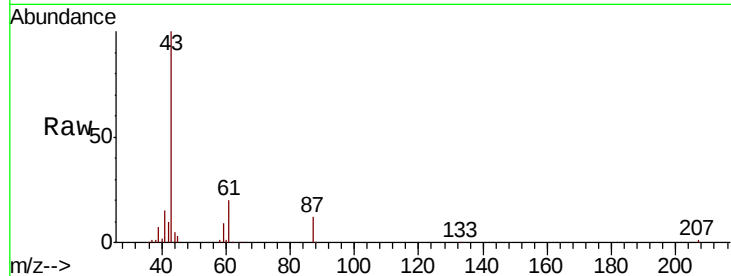
Tot Ion: 43 Resp: 119159

Ion Ratio Lower Upper

43 100

61 20.1 21.0 31.6#

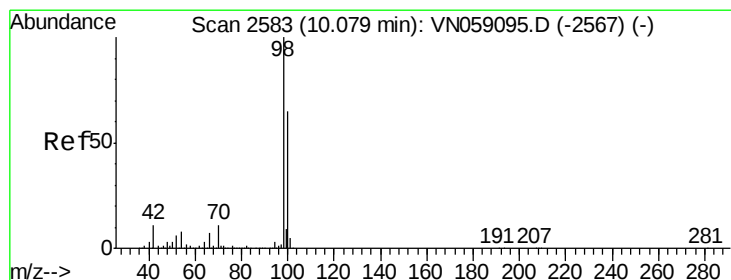
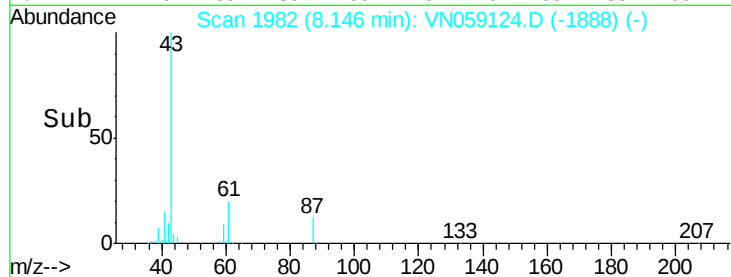
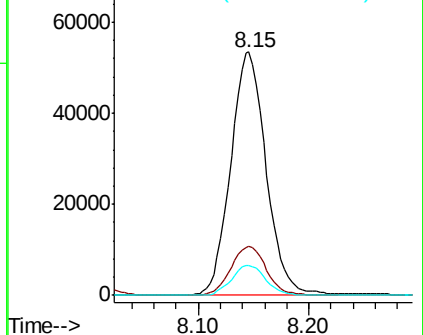
87 11.8 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059124.D (-1888) (-)

Ion 61.00 (60.70 to 61.70): VN059124.D (-1888) (-)

Ion 87.00 (86.70 to 87.70): VN059124.D (-1888) (-)



#50

Toluene-d8

Concen: 52.180 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059124.D

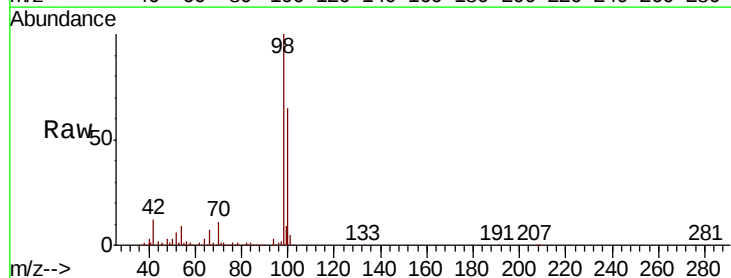
Acq: 7 Nov 2019 15:54

Tgt Ion: 98 Resp: 911127

Ion Ratio Lower Upper

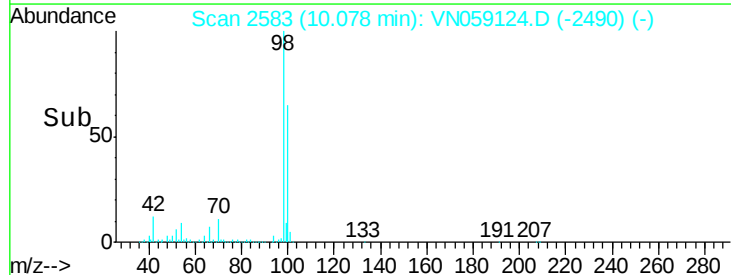
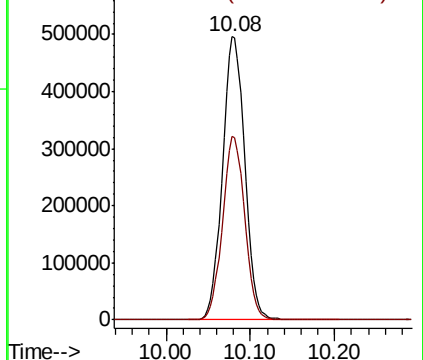
98 100

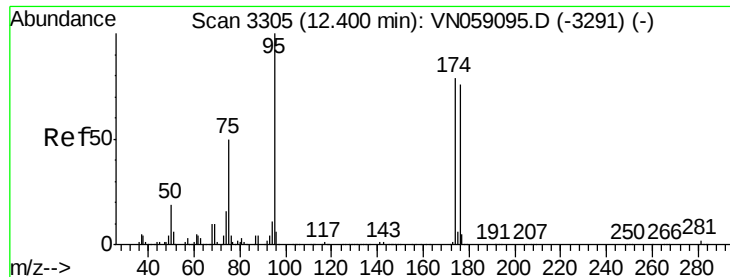
100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN059124.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059124.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 46.023 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059124.D

Acq: 7 Nov 2019 15:54

Instrument :

MSVOA_N

ClientSampleId :

SU-04-110619

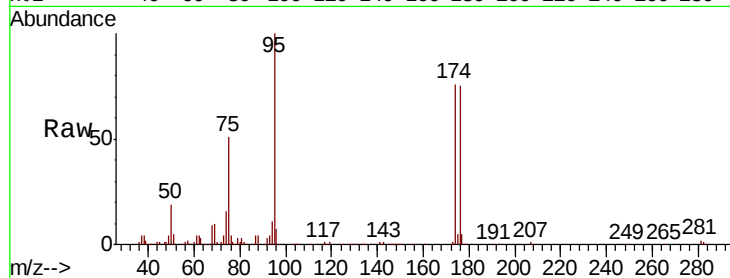
Tot Ion: 95 Resp: 289754

Ion Ratio Lower Upper

95 100

174 78.0 0.0 158.2

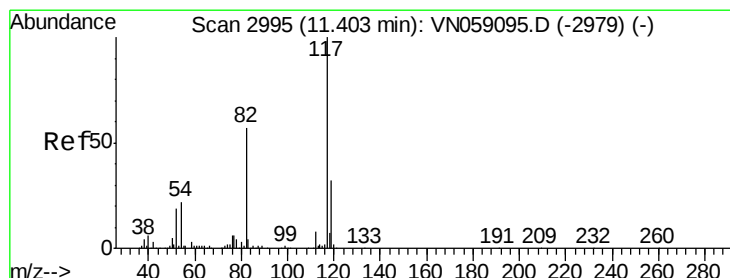
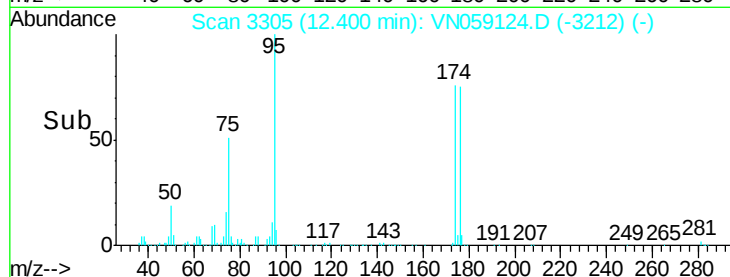
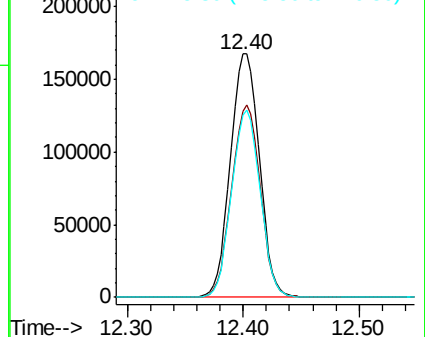
176 75.6 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059124.D

Acq: 7 Nov 2019 15:54

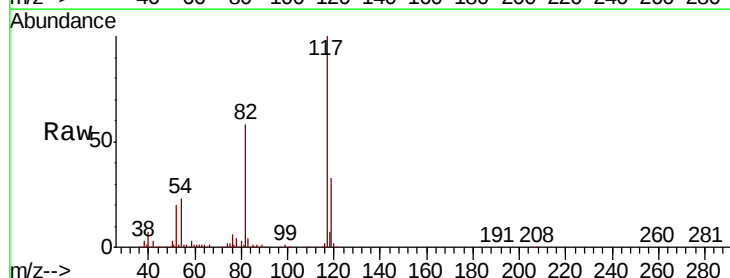
Tgt Ion: 117 Resp: 667252

Ion Ratio Lower Upper

117 100

82 58.3 45.8 68.8

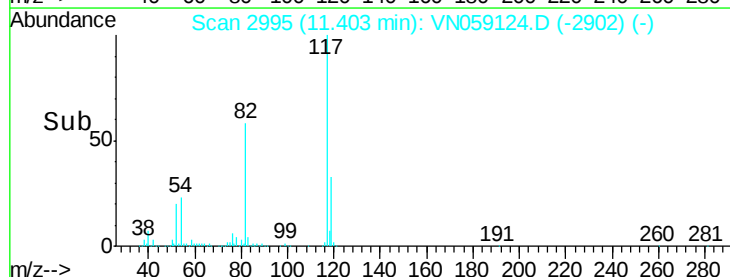
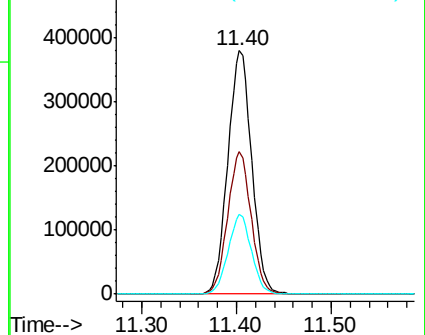
119 32.5 25.8 38.6

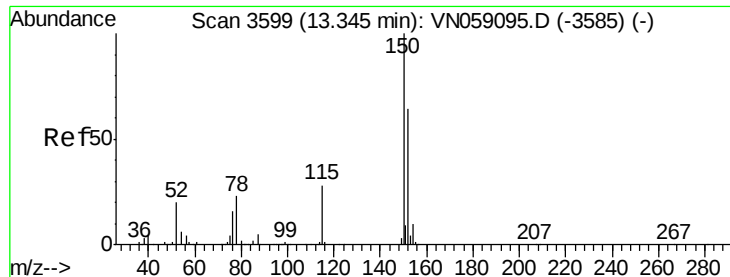


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059124.D

Acq: 7 Nov 2019 15:54

Instrument :

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ClientSampleId :

SU-04-110619

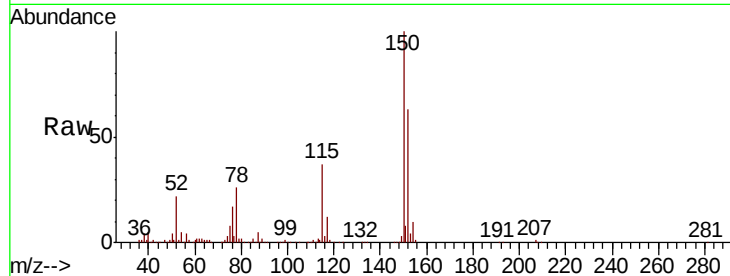
Tot Ion:152 Resp: 243771

Ion Ratio Lower Upper

152 100

115 59.3 29.4 88.2

150 156.6 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

300000

250000

200000

150000

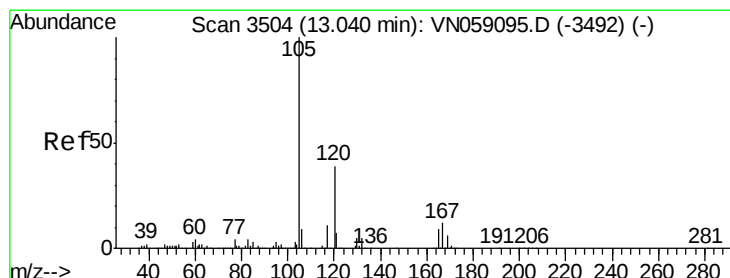
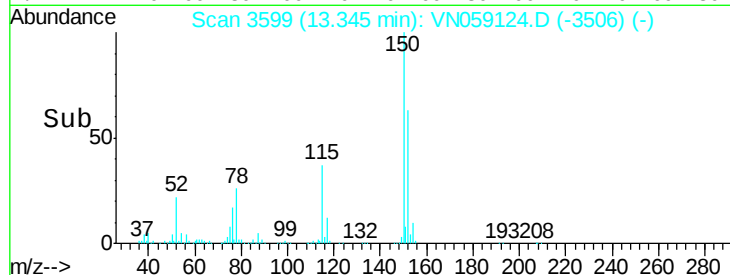
100000

50000

0

13.30 13.35 13.40

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 1.067 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059124.D

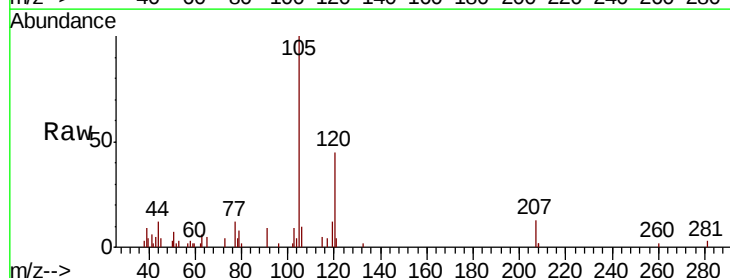
Acq: 7 Nov 2019 15:54

Tgt Ion:105 Resp: 15505

Ion Ratio Lower Upper

105 100

120 43.9 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10000

8000

6000

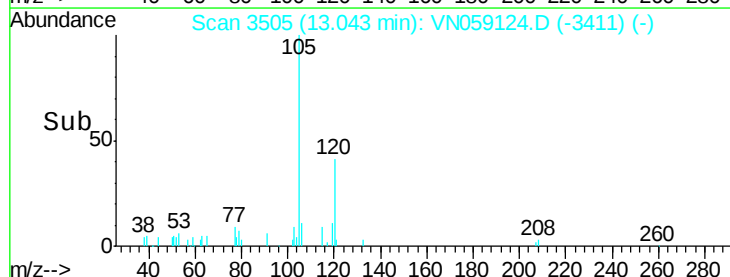
4000

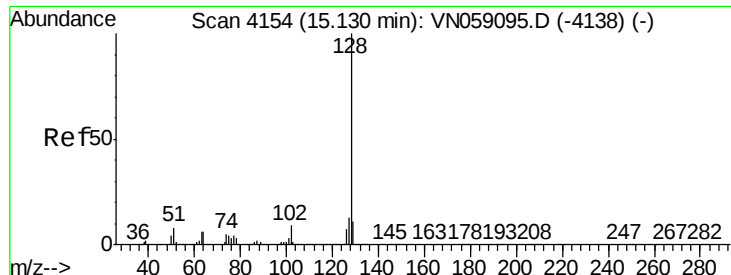
2000

0

13.00 13.04 13.10

Time-->





#95

Naphthalene

Concen: 4.383 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059124.D

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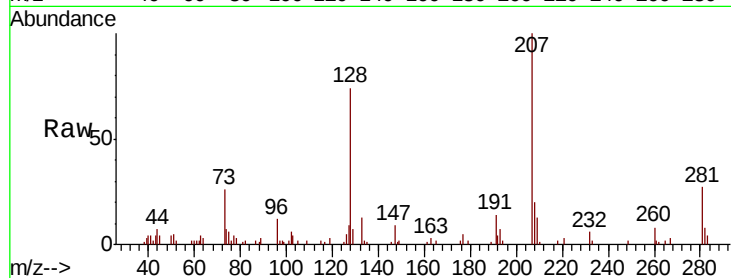
Tot Ion:128 Resp: 17996

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

129 11.0 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

