

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059171.D
 Acq On : 11 Nov 2019 18:58
 Operator : JC/SP
 Sample : K5746-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1A

Quant Time: Nov 12 04:04:49 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

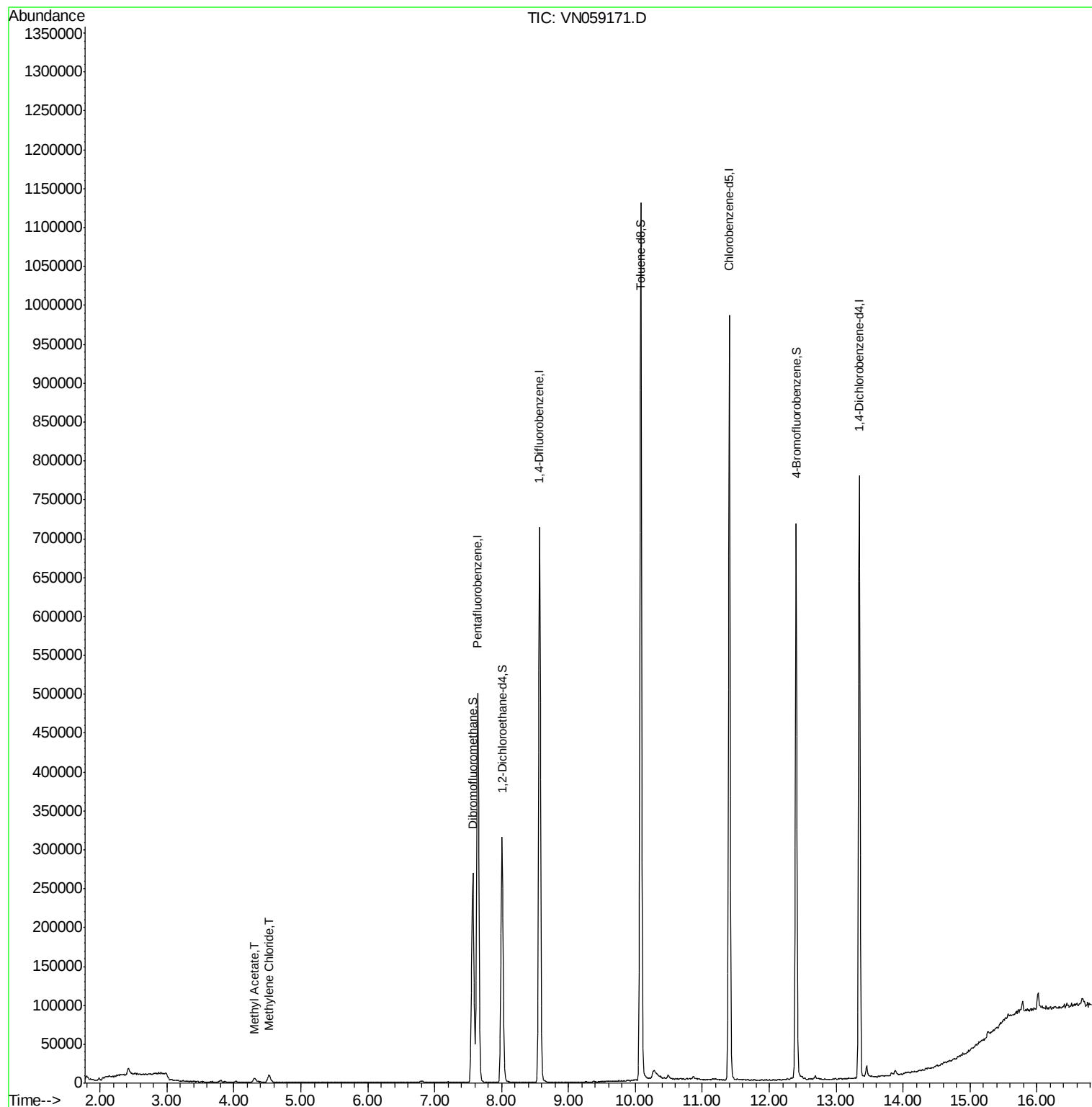
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	400322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	632839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	555127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	206802	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	271770	55.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.46%	
35) Dibromofluoromethane	7.57	113	210154	55.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.24%	
50) Toluene-d8	10.08	98	790126	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.40	95	250456	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
Target Compounds						
18) Methyl Acetate	4.30	43	10381	1.709	ug/l	94
20) Methylene Chloride	4.52	84	6944	1.558	ug/l	89

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

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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: VN059171.D

Acq: 11 Nov 2019 18:58

Instrument :

MSVOA_N

ClientSampleId :

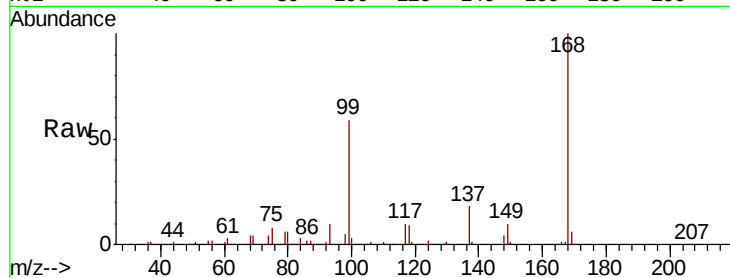
TP-1A

Tot Ion:168 Resp: 400322

Ion Ratio Lower Upper

168 100

99 58.6 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

150000

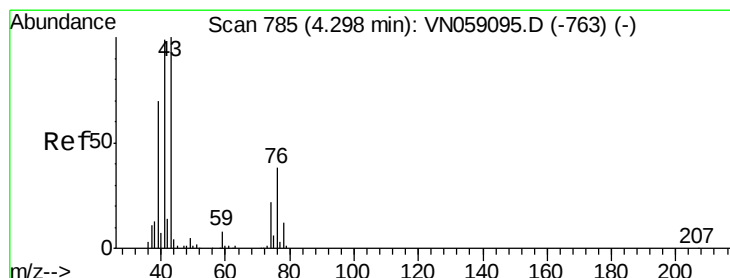
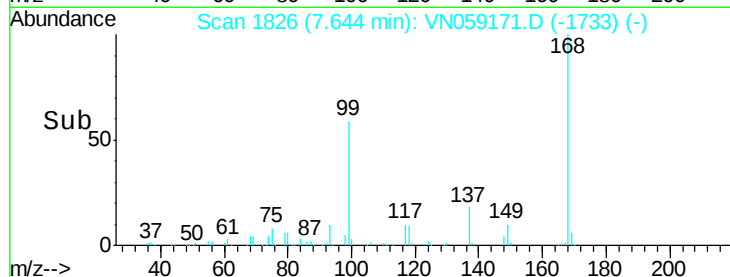
100000

50000

0

Time-->

7.60 7.70



#18

Methyl Acetate

Concen: 1.709 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.01 min

Lab File: VN059171.D

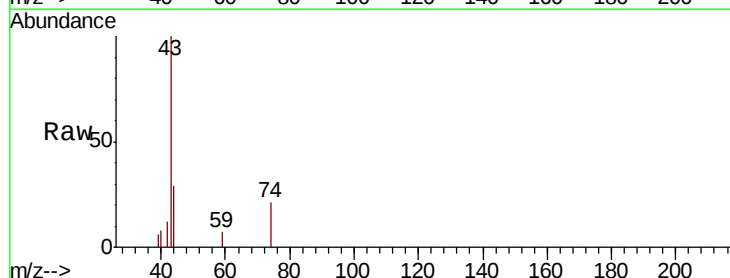
Acq: 11 Nov 2019 18:58

Tgt Ion: 43 Resp: 10381

Ion Ratio Lower Upper

43 100

74 19.2 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.30

3000

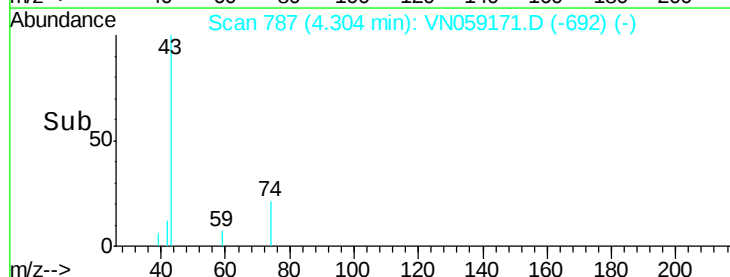
2000

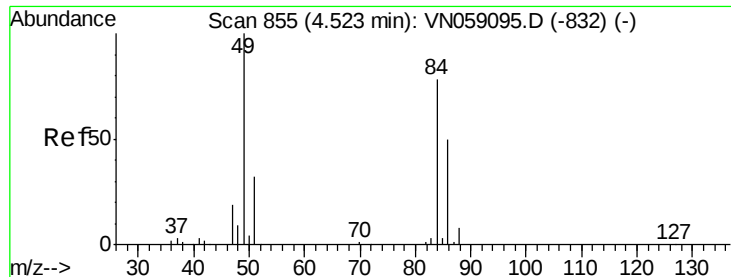
1000

0

Time-->

4.20 4.25 4.30 4.35 4.40

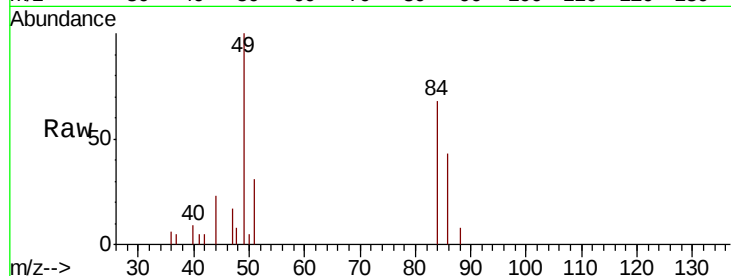




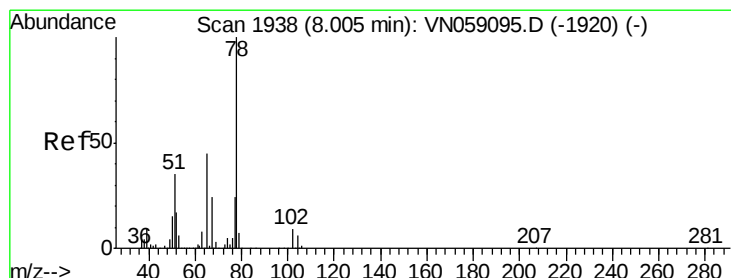
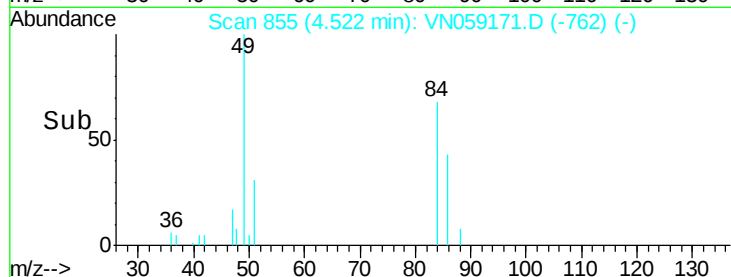
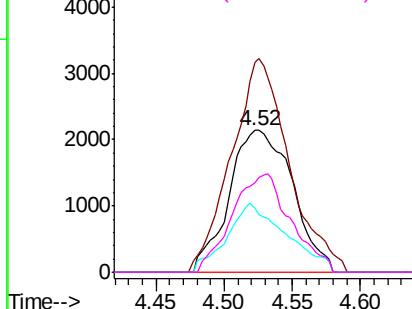
#20
Methylene Chloride
Concen: 1.558 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN059171.D
Acq: 11 Nov 2019 18:58

Instrument :
MSVOA_N
ClientSampleId :
TP-1A

Tot Ion: 84 Resp: 6944
Ion Ratio Lower Upper
84 100
49 147.9 102.0 153.0
51 45.5 32.2 48.2
86 63.3 50.7 76.1

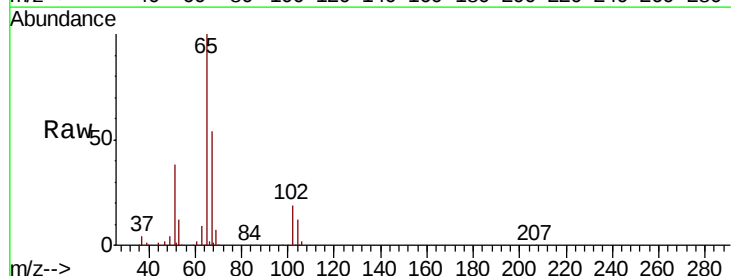


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

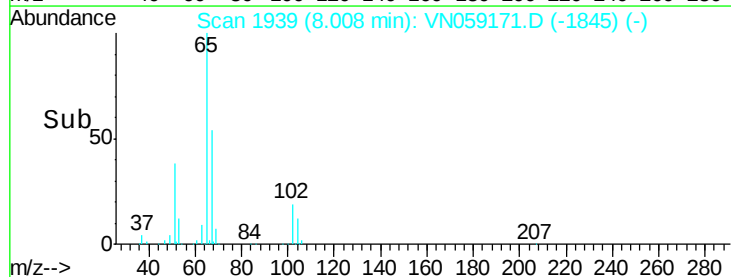
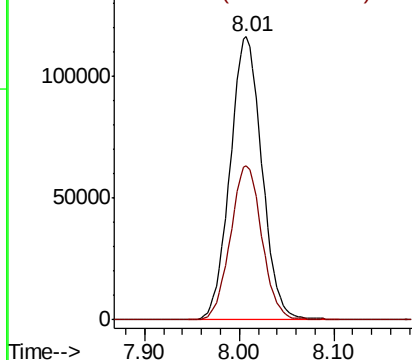


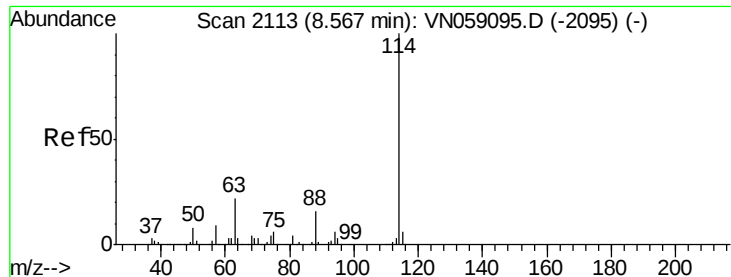
#33
1,2-Dichloroethane-d4
Concen: 55.227 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059171.D
Acq: 11 Nov 2019 18:58

Tgt Ion: 65 Resp: 271770
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

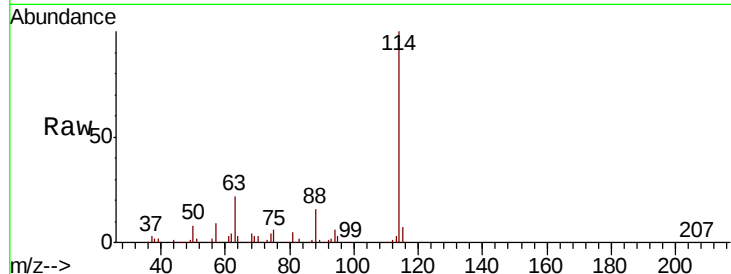




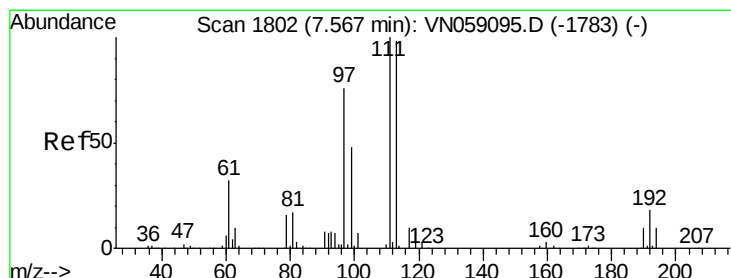
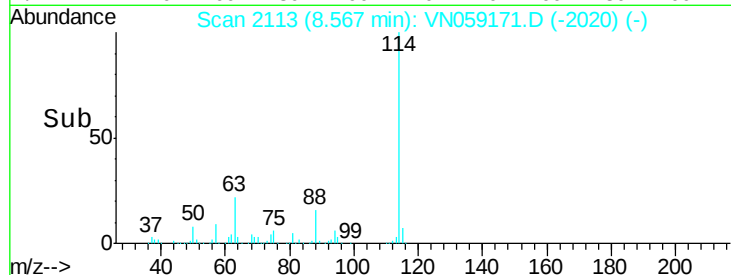
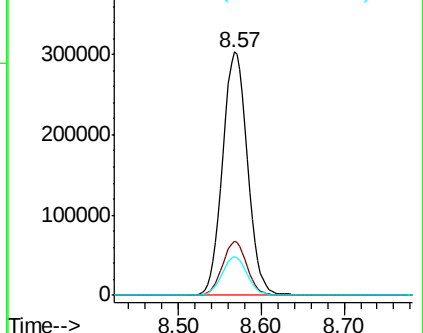
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN059171.D
Acq: 11 Nov 2019 18:58

Instrument :
MSVOA_N
ClientSampleId :
TP-1A

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.4
88	16.0	0.0	32.2

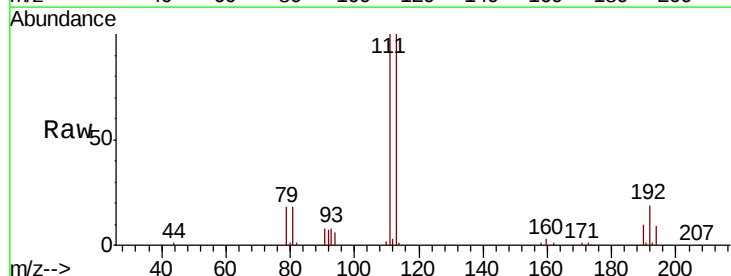


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

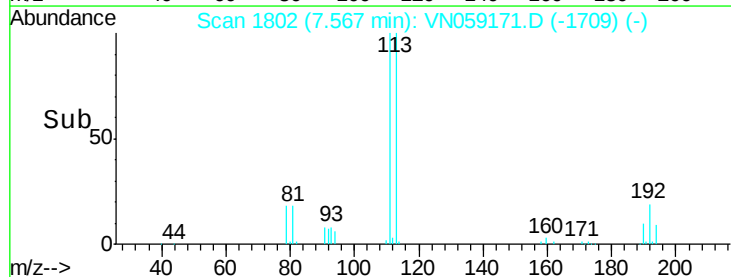
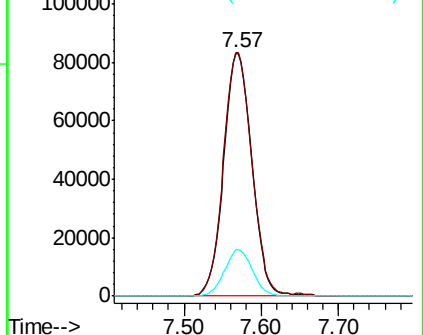


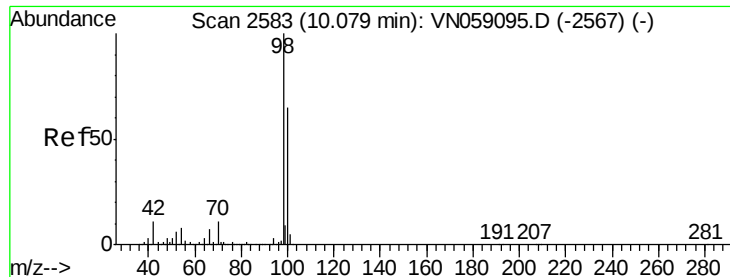
#35
Dibromofluoromethane
Concen: 55.616 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059171.D
Acq: 11 Nov 2019 18:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.8	124.2
192	18.9	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





#50

Toluene-d8

Concen: 53.086 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059171.D

Acq: 11 Nov 2019 18:58

Instrument :

MSVOA_N

ClientSampleId :

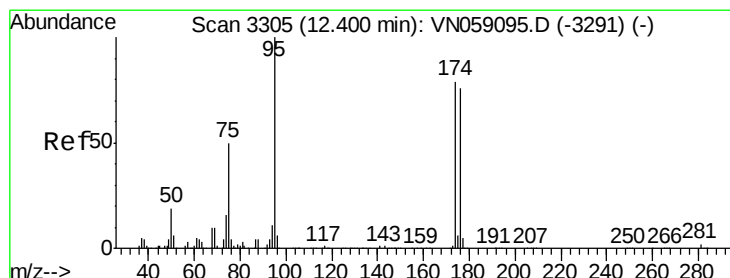
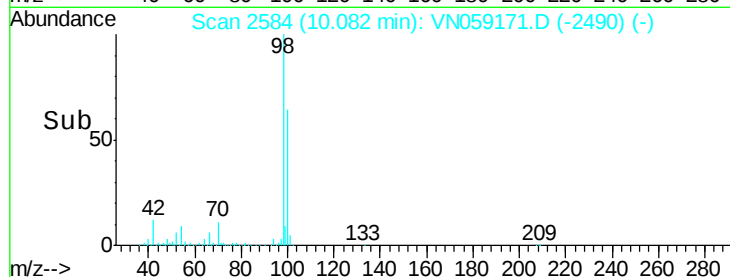
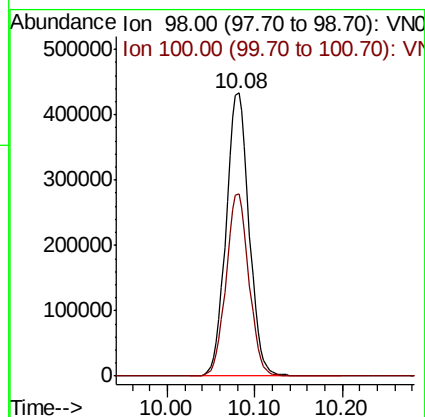
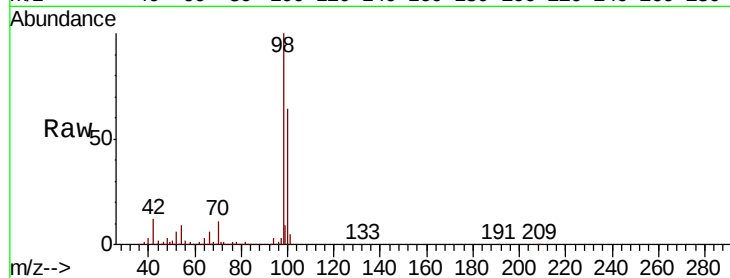
TP-1A

Tot Ion: 98 Resp: 790126

Ion Ratio Lower Upper

98 100

100 64.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 46.670 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059171.D

Acq: 11 Nov 2019 18:58

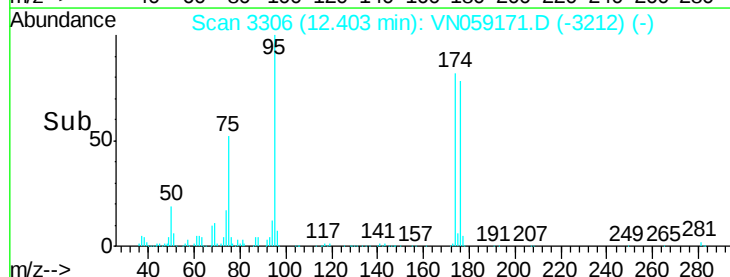
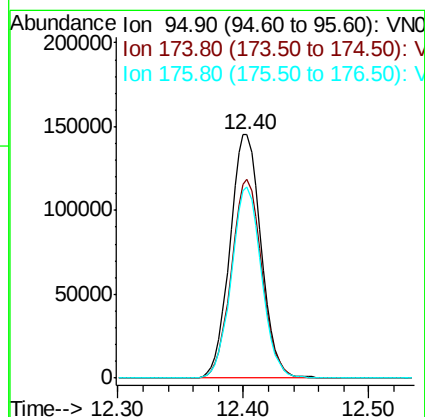
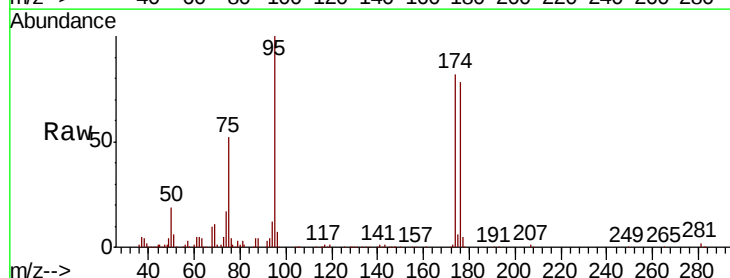
Tgt Ion: 95 Resp: 250456

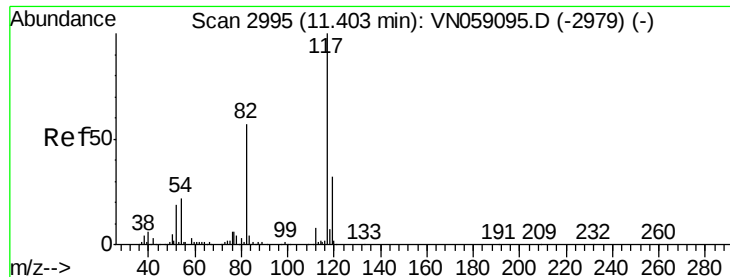
Ion Ratio Lower Upper

95 100

174 80.1 0.0 158.2

176 76.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059171.D

Acq: 11 Nov 2019 18:58

Instrument :

MSVOA_N

ClientSampleId :

TP-1A

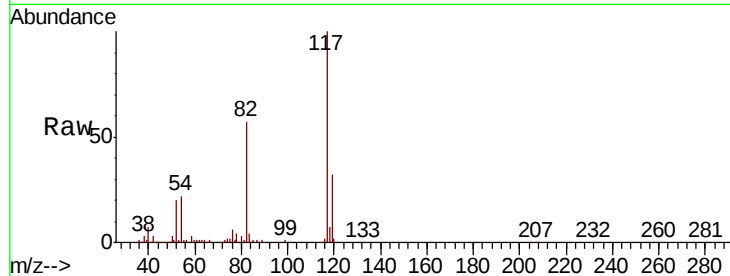
Tot Ion:117 Resp: 555127

Ion Ratio Lower Upper

117 100

82 56.9 45.8 68.8

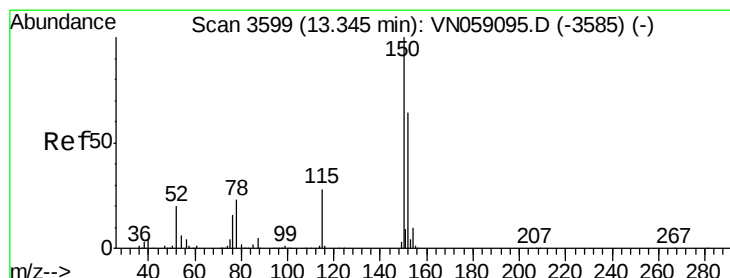
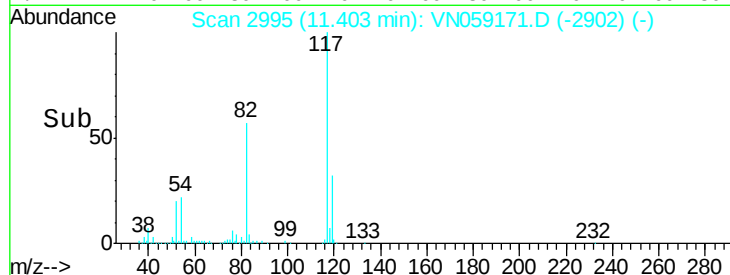
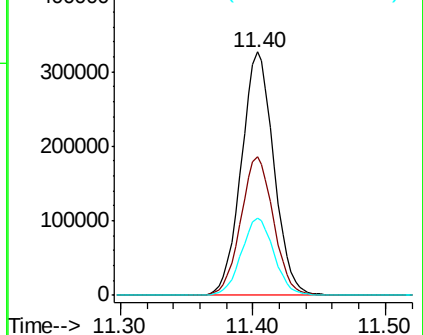
119 31.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059171.D

Acq: 11 Nov 2019 18:58

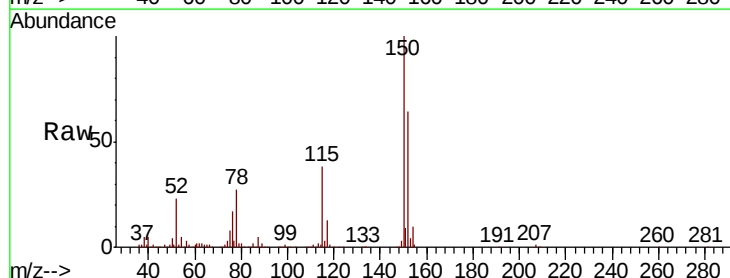
Tgt Ion:152 Resp: 206802

Ion Ratio Lower Upper

152 100

115 59.7 29.4 88.2

150 157.3 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

