

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111419\
 Data File : VN059245.D
 Acq On : 14 Nov 2019 19:24
 Operator : JC/SP
 Sample : K5563-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Nov 15 08:21:46 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

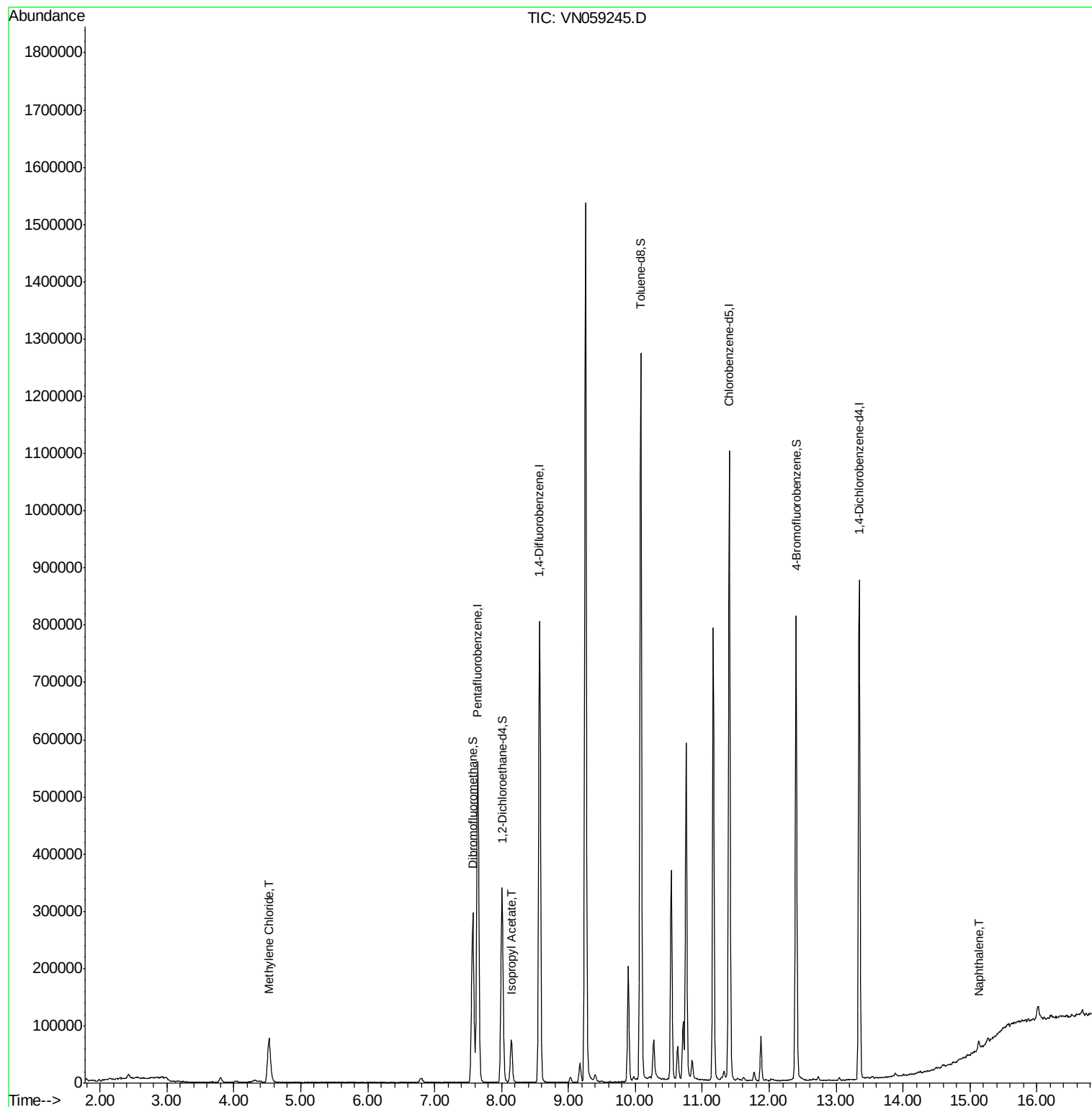
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	466565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	724060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	646839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	240481	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	292170	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
35) Dibromofluoromethane	7.57	113	227008	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
50) Toluene-d8	10.08	98	902704	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.40	95	291710	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
Target Compounds						
20) Methylene Chloride	4.53	84	61070	11.753	ug/l	97
43) Isopropyl Acetate	8.15	43	88557	7.378	ug/l #	92
95) Naphthalene	15.13	128	10083	3.805	ug/l #	95

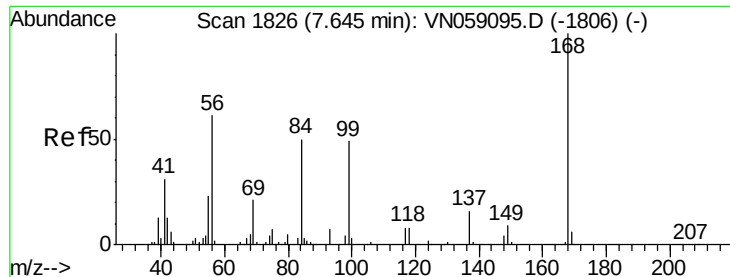
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN059245.D

Acq: 14 Nov 2019 19:24

Instrument :

MSVOA_N

ClientSampled :

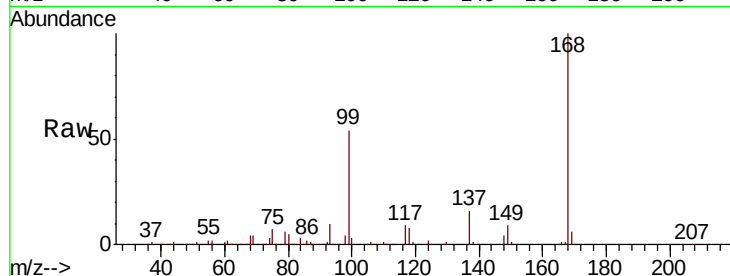
TP-2

Tot Ion:168 Resp: 466565

Ion Ratio Lower Upper

168 100

99 53.7 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

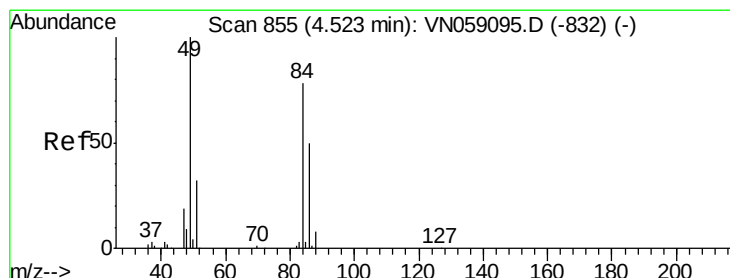
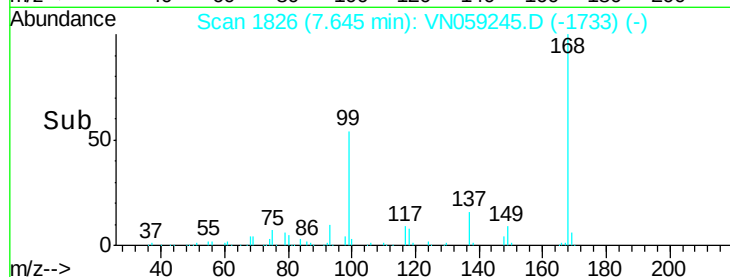
100000

50000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 11.753 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059245.D

Acq: 14 Nov 2019 19:24

Tgt Ion: 84 Resp: 61070

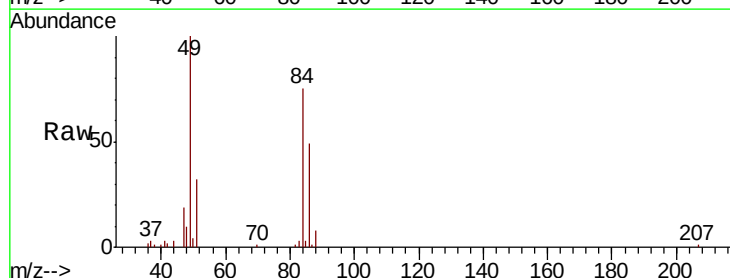
Ion Ratio Lower Upper

84 100

49 132.0 102.0 153.0

51 43.0 32.2 48.2

86 64.6 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

30000

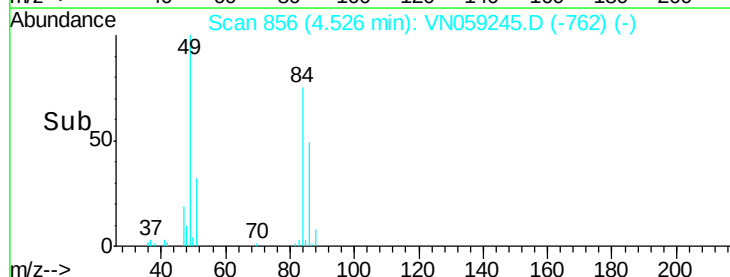
20000

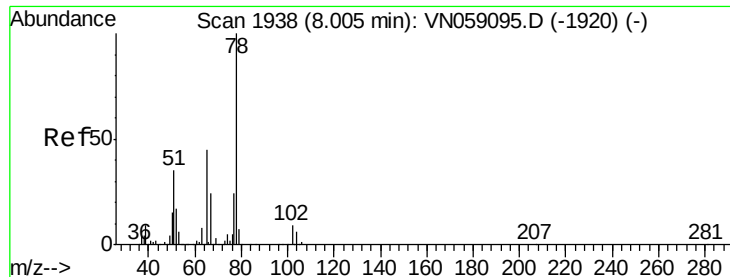
10000

0

4.40 4.50 4.60

Time-->

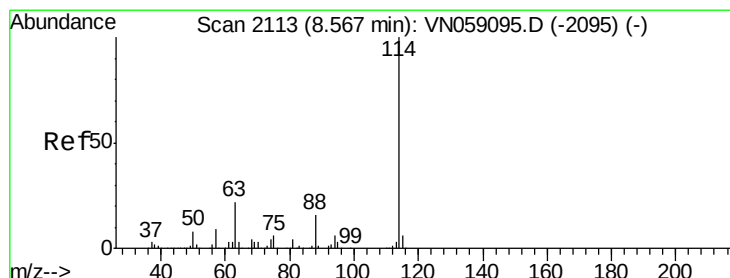
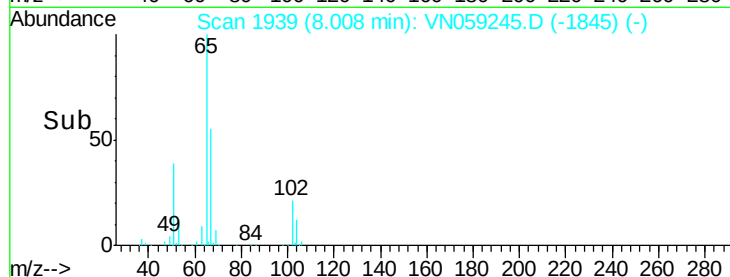
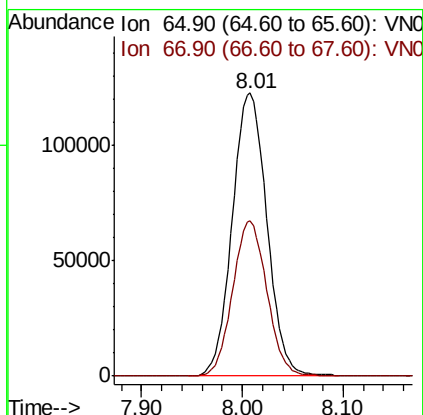
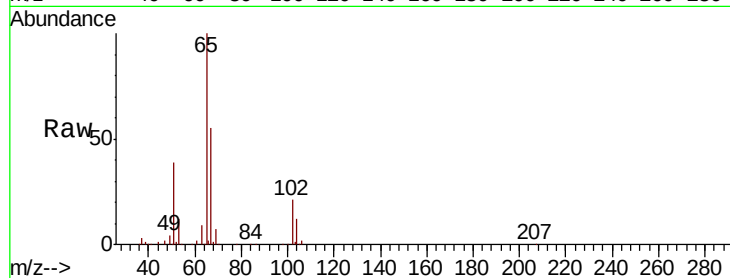




#33
 1,2-Dichloroethane-d4
 Concen: 50.943 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059245.D
 Acq: 14 Nov 2019 19:24

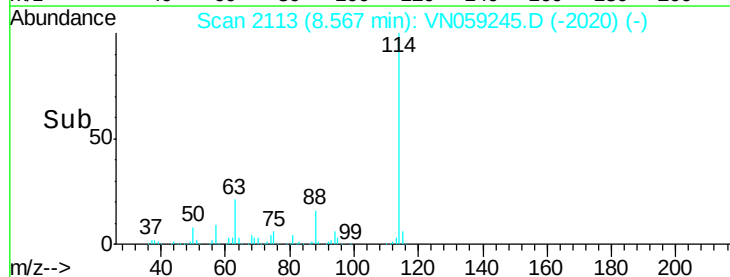
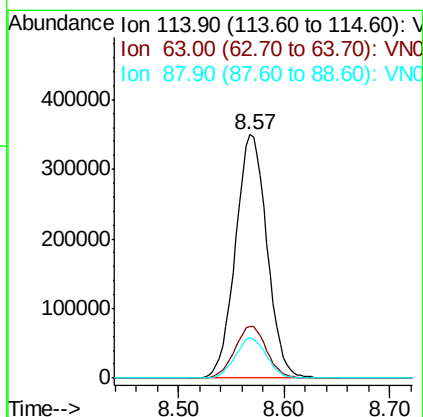
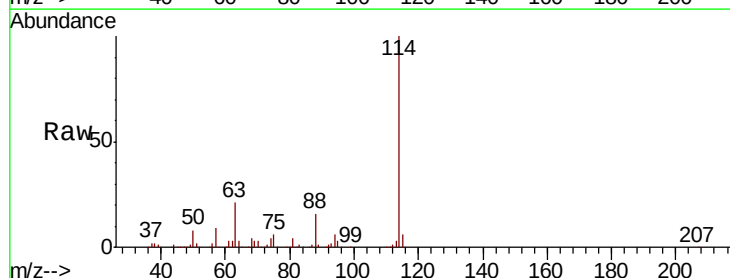
Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

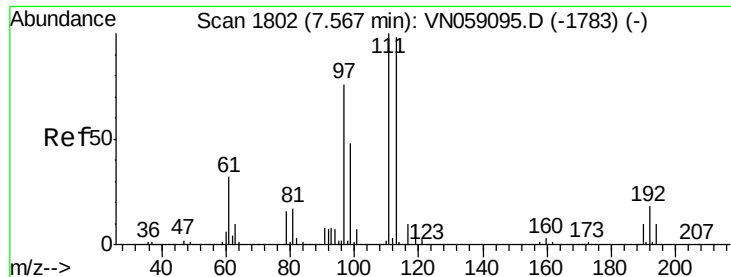
Tot Ion: 65 Resp: 292170
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059245.D
 Acq: 14 Nov 2019 19:24

Tgt Ion: 114 Resp: 724060
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.4
 88 16.4 0.0 32.2

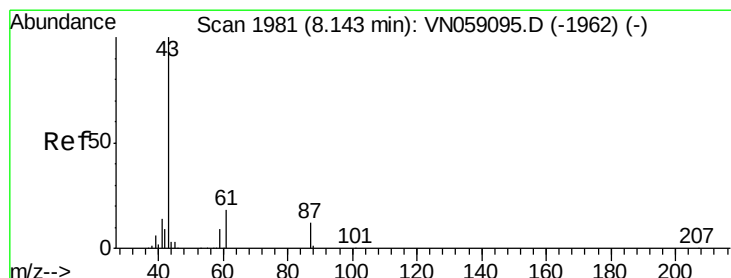
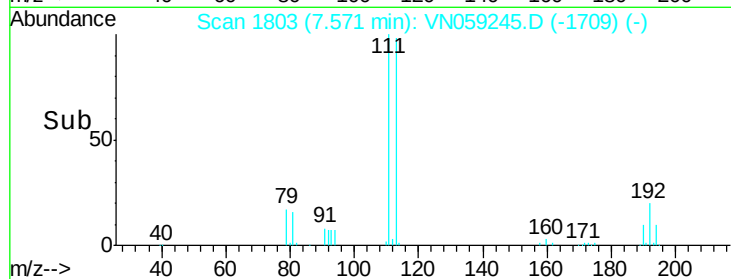
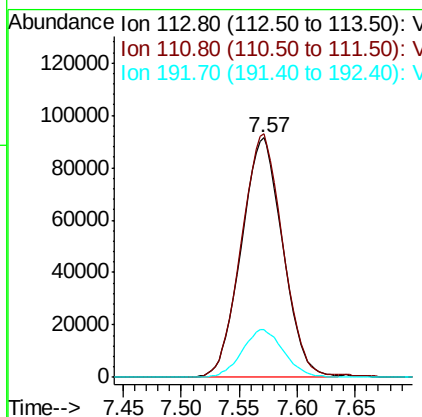
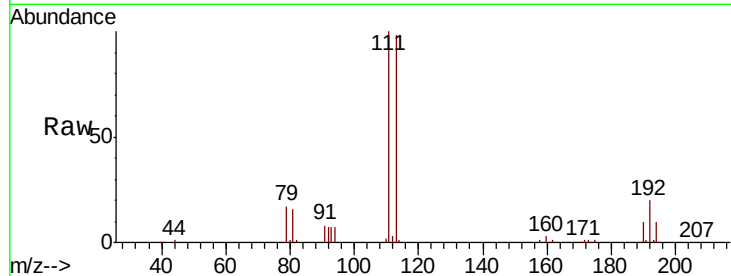




#35
 Dibromofluoromethane
 Concen: 52.507 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059245.D
 Acq: 14 Nov 2019 19:24

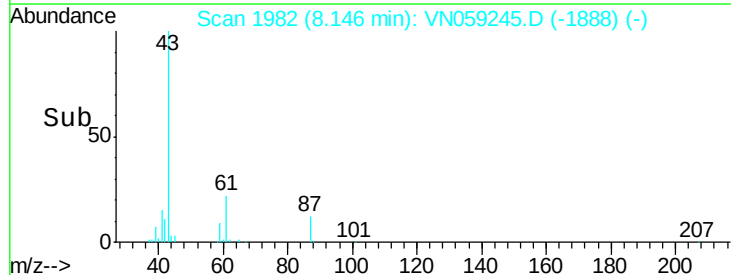
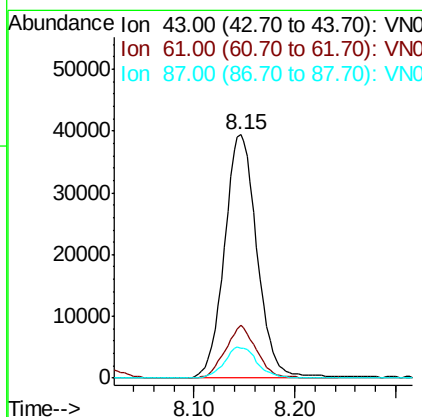
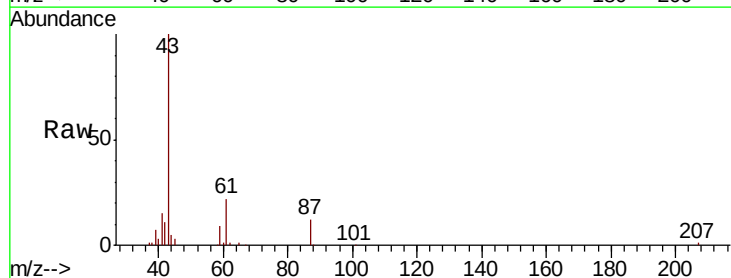
Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

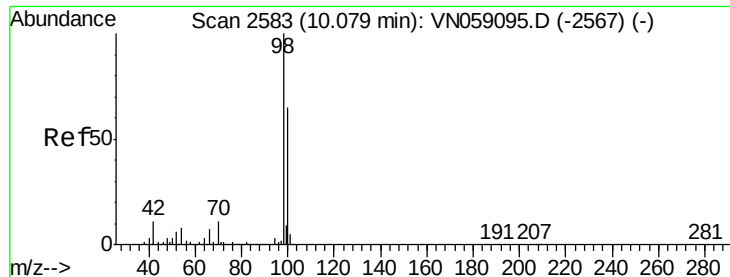
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.8	124.2
192	19.9	16.1	24.1



#43
 Isopropyl Acetate
 Concen: 7.378 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VN059245.D
 Acq: 14 Nov 2019 19:24

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.5	21.0	31.6#
87	12.5	9.8	14.6





#50

Toluene-d8

Concen: 53.009 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059245.D

Acq: 14 Nov 2019 19:24

Instrument :

MSVOA_N

ClientSampled :

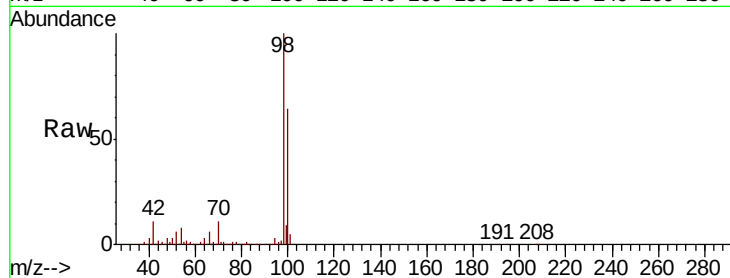
TP-2

Tot Ion: 98 Resp: 902704

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

500000

400000

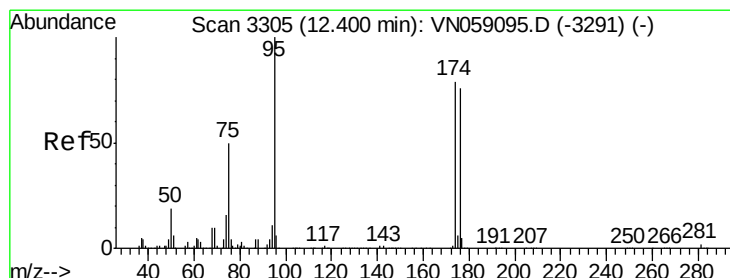
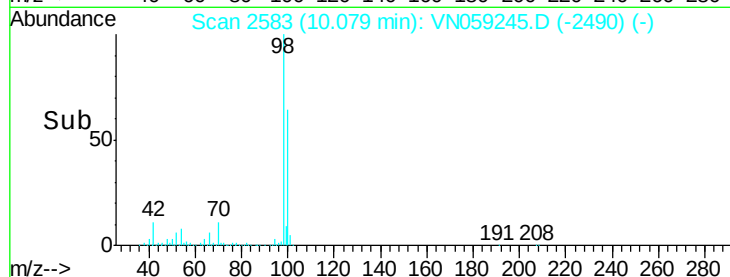
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.509 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN059245.D

Acq: 14 Nov 2019 19:24

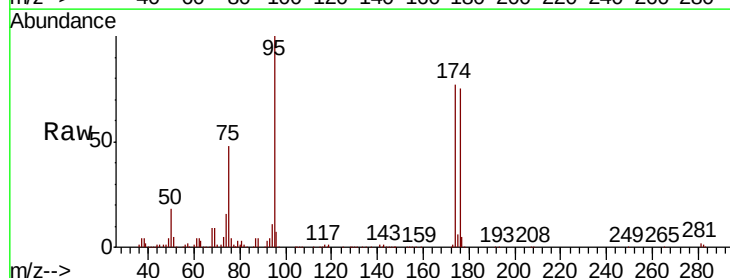
Tgt Ion: 95 Resp: 291710

Ion Ratio Lower Upper

95 100

174 78.3 0.0 158.2

176 76.9 0.0 151.8



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

200000

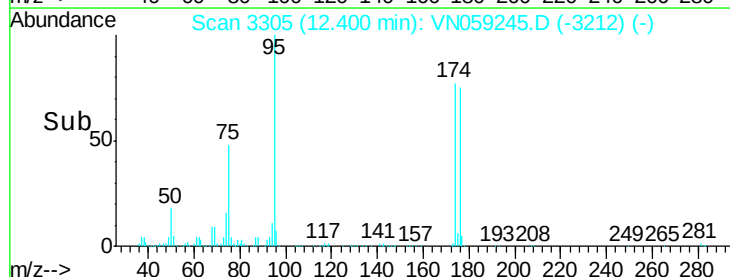
150000

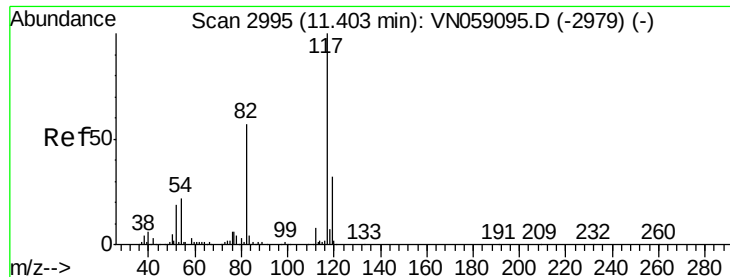
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059245.D

Acq: 14 Nov 2019 19:24

Instrument :

MSVOA_N

ClientSampled :

TP-2

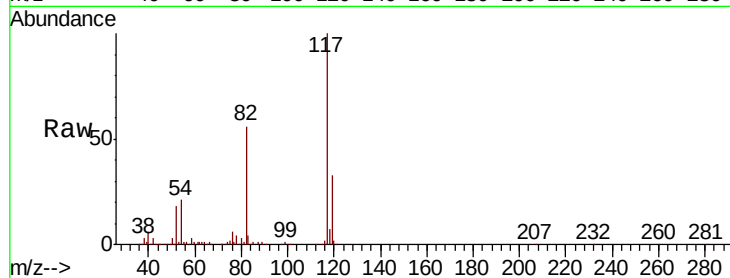
Tot Ion:117 Resp: 646839

Ion Ratio Lower Upper

117 100

82 56.2 45.8 68.8

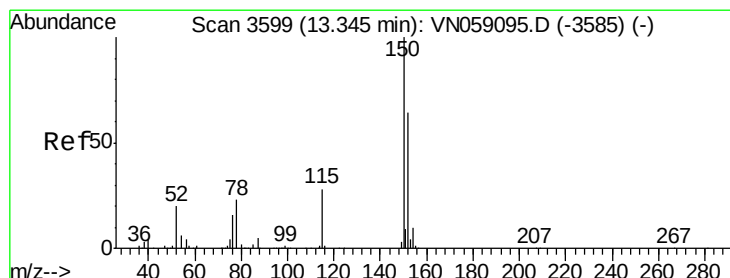
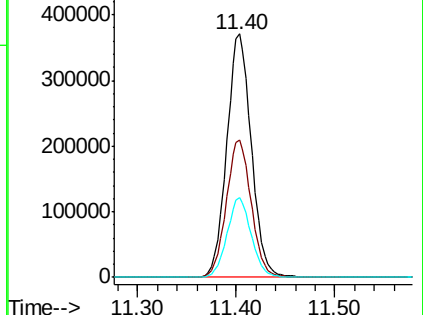
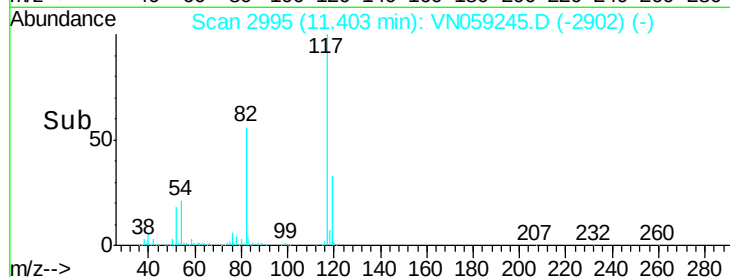
119 32.7 25.8 38.6



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059245.D

Acq: 14 Nov 2019 19:24

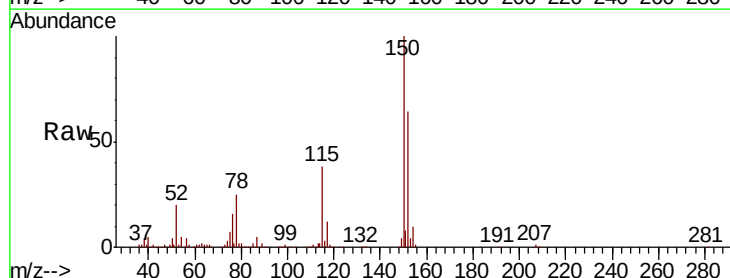
Tgt Ion:152 Resp: 240481

Ion Ratio Lower Upper

152 100

115 59.1 29.4 88.2

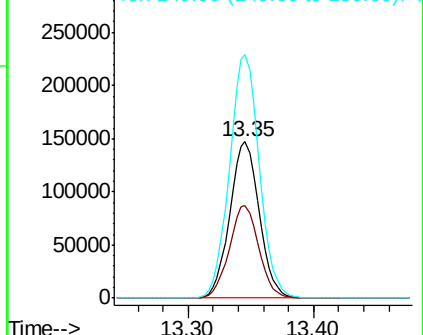
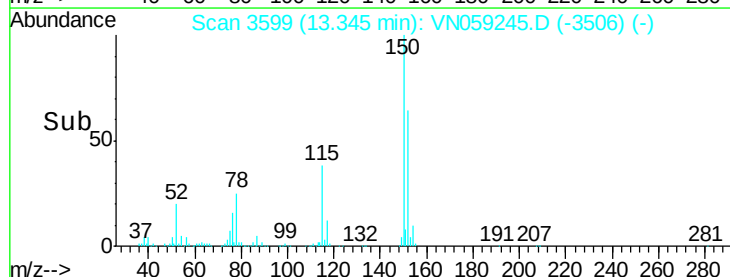
150 157.1 0.0 345.8

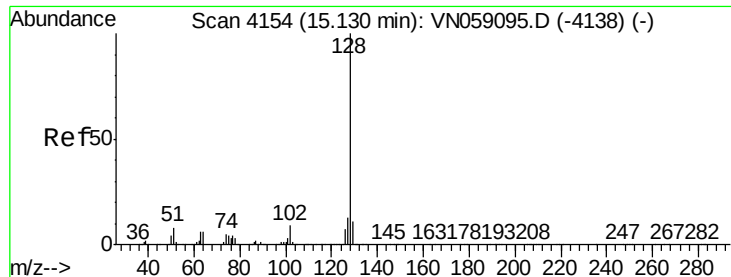


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

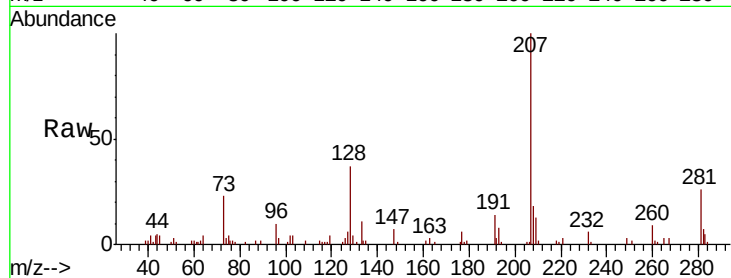




#95
Naphthalene
Concen: 3.805 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059245.D
Acq: 14 Nov 2019 19:24

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.2	15.2#
129	11.4	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

