

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110819\
 Data File : VN059136.D
 Acq On : 8 Nov 2019 16:15
 Operator : JC/SP
 Sample : K5742-07 10X
 Misc : 9.20g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-35-(6-8)

Quant Time: Nov 11 01:30:11 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

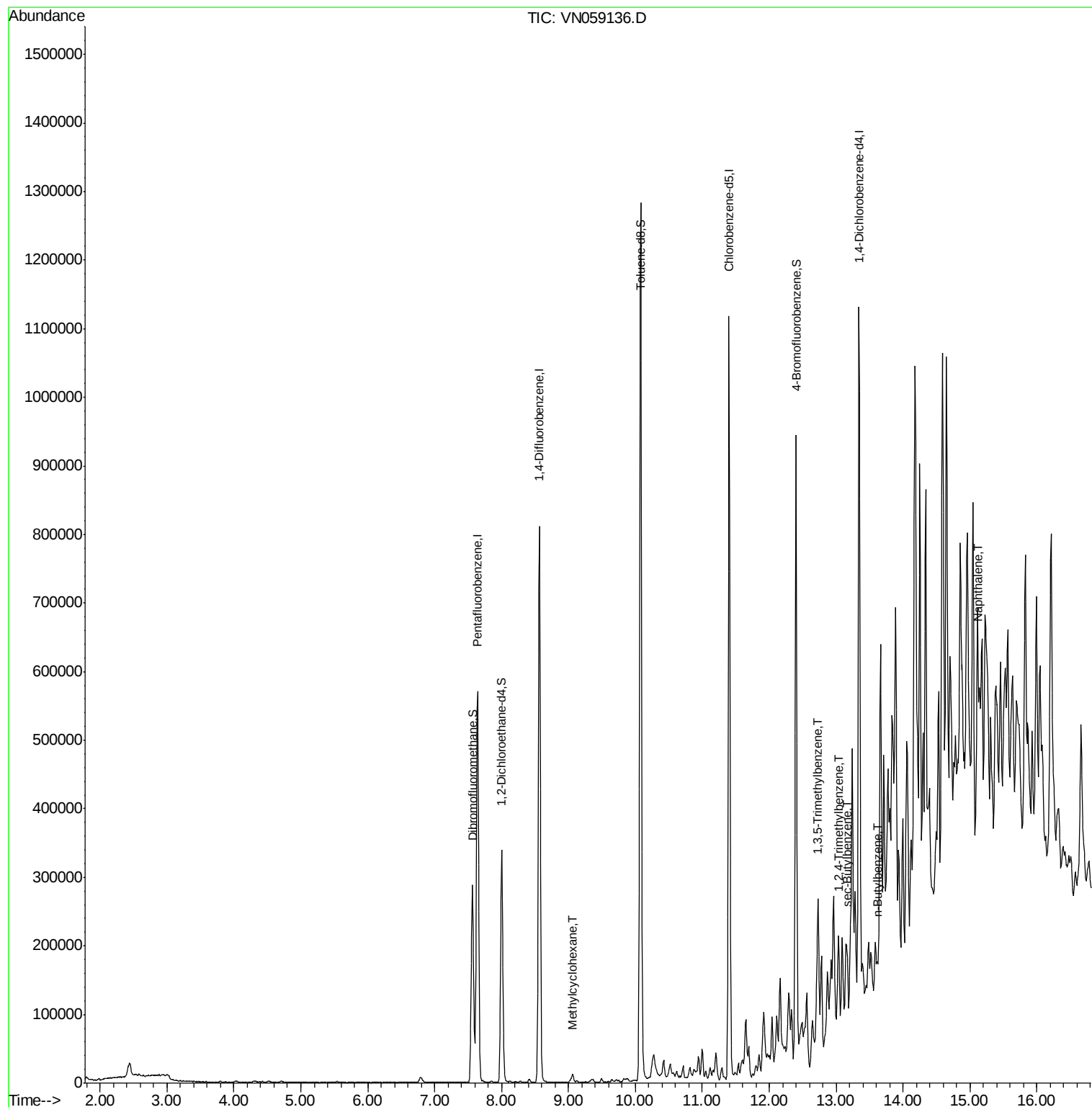
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	471851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	730299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	656057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	281688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	289161	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
35) Dibromofluoromethane	7.56	113	222918	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.08	98	896161	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.40	95	311774	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
Target Compounds						
39) Methylcyclohexane	9.06	83	5101	0.644	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	6386	0.368	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	49137	2.925	ug/l	99
85) sec-Butylbenzene	13.17	105	15596	0.800	ug/l #	67
89) n-Butylbenzene	13.62	91	9569	0.635	ug/l #	56
95) Naphthalene	15.13	128	23795	4.576	ug/l #	82

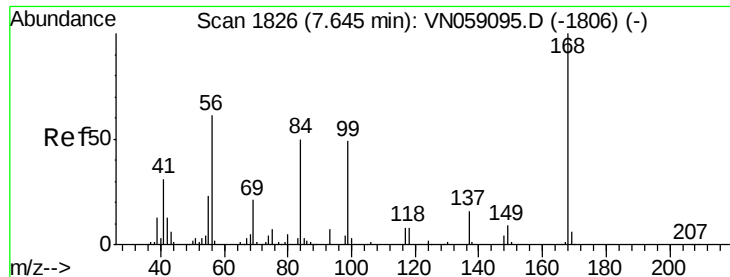
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-35-(6-8)

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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# 1825

Delta R.T. -0.00 min

Lab File: VN059136.D

Acq: 8 Nov 2019 16:15

Instrument :

MSVOA_N

ClientSampleId :

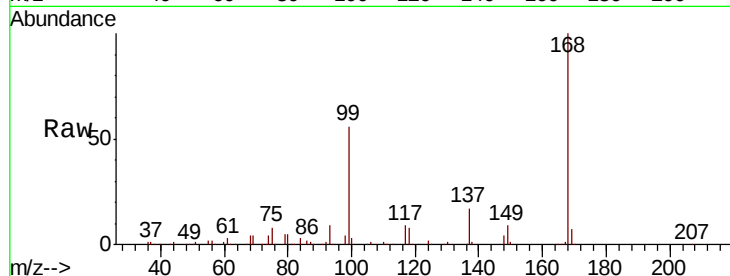
SB-35-(6-8)

Tot Ion:168 Resp: 471851

Ion Ratio Lower Upper

168 100

99 55.8 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

200000

150000

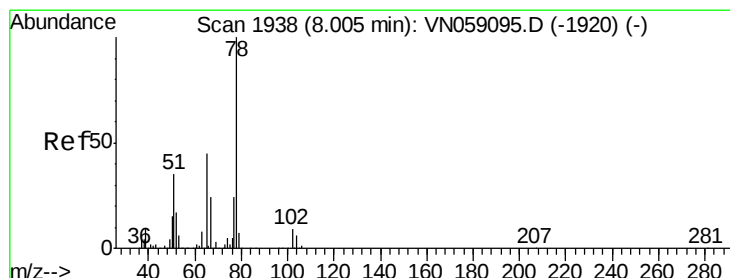
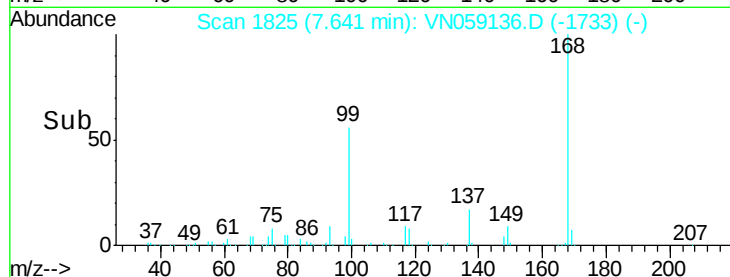
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.853 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN059136.D

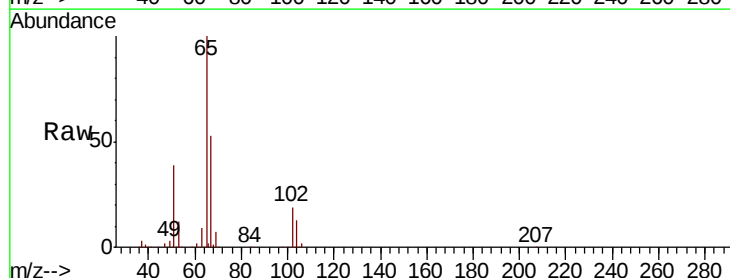
Acq: 8 Nov 2019 16:15

Tgt Ion: 65 Resp: 289161

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.00

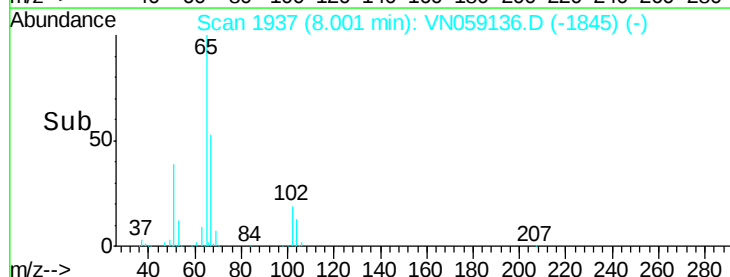
100000

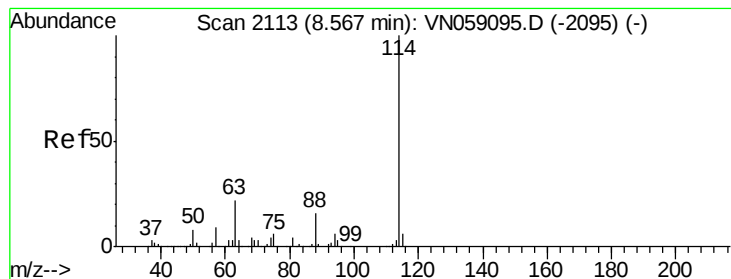
50000

0

7.90 7.95 8.00 8.05 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN059136.D

Acq: 8 Nov 2019 16:15

Instrument :

MSVOA_N

ClientSampleId :

SB-35-(6-8)

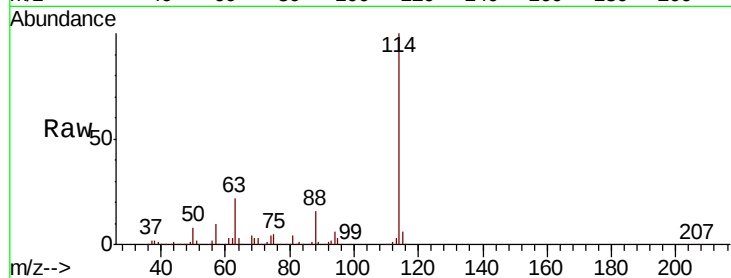
Tot Ion:114 Resp: 730299

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

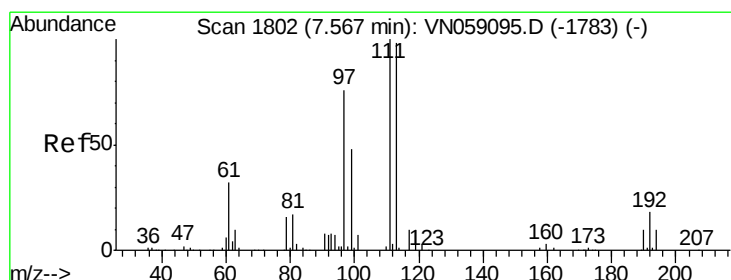
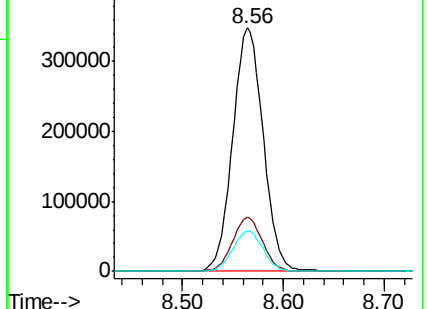
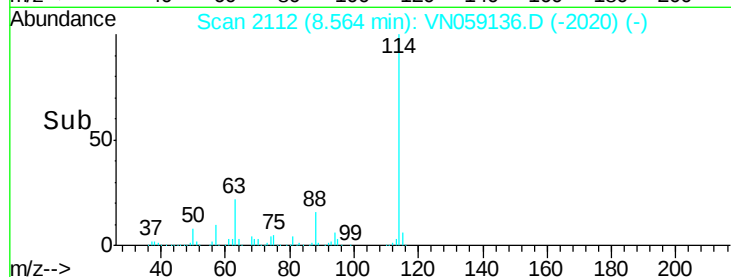
88 16.4 0.0 32.2



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: 51.121 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059136.D

Acq: 8 Nov 2019 16:15

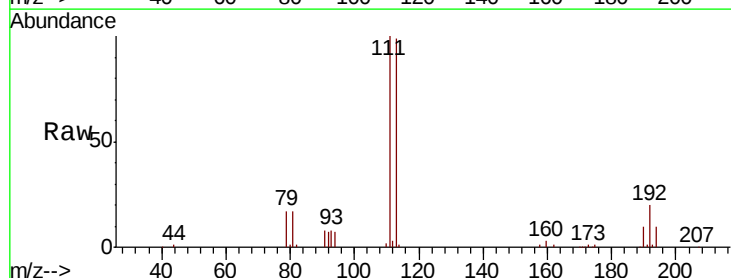
Tgt Ion:113 Resp: 222918

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

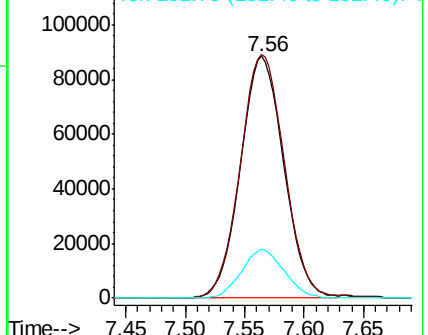
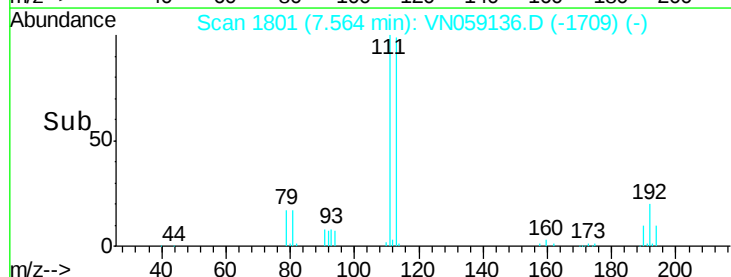
192 19.8 16.1 24.1

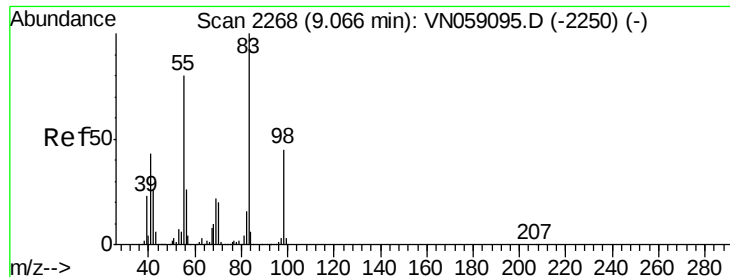


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

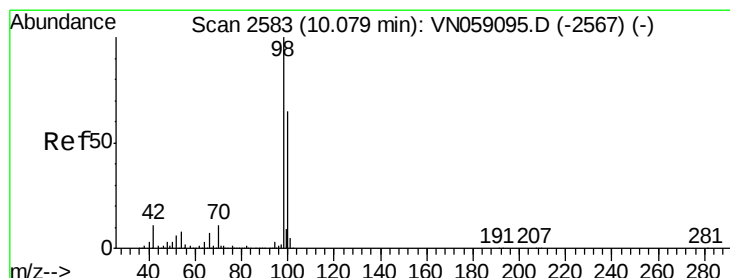
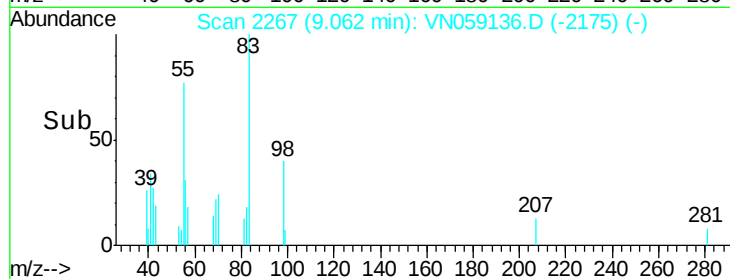
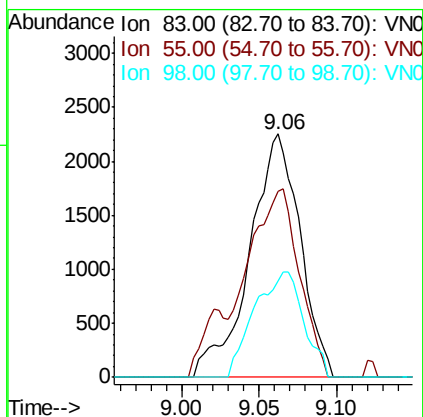
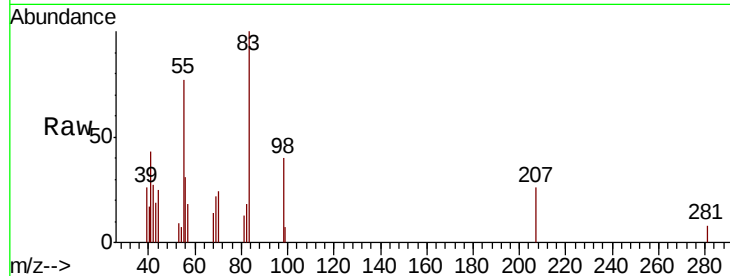




#39
Methylcyclohexane
Concen: 0.644 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059136.D
Acq: 8 Nov 2019 16:15

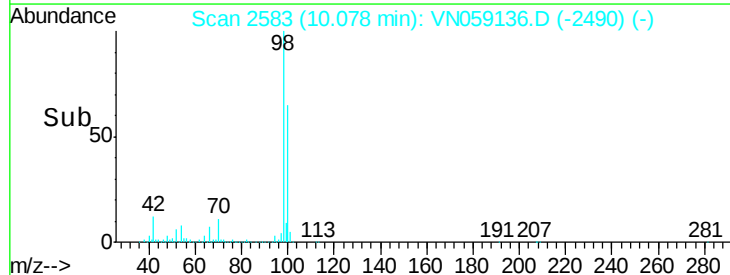
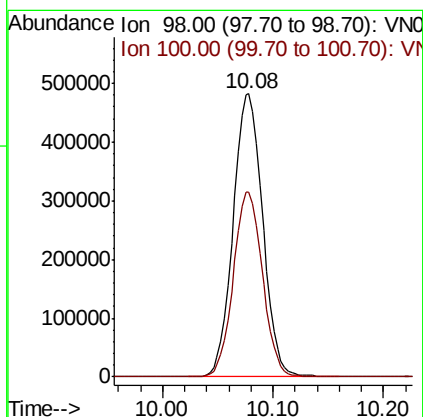
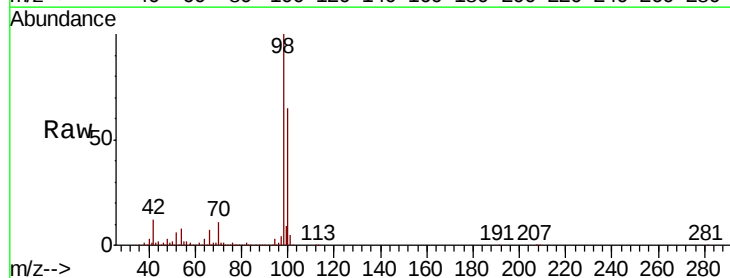
Instrument :
MSVOA_N
ClientSampled :
SB-35-(6-8)

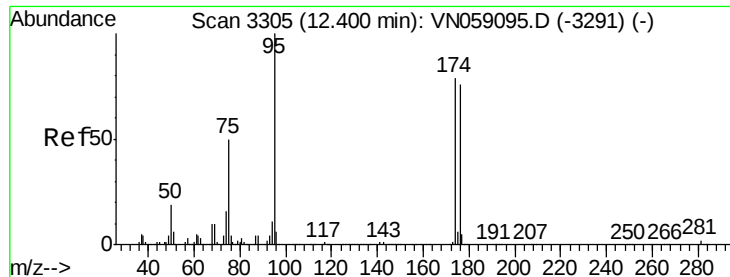
Tot Ion: 83 Resp: 5101
Ion Ratio Lower Upper
83 100
55 76.7 63.9 95.9
98 39.7 35.6 53.4



#50
Toluene-d8
Concen: 52.175 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059136.D
Acq: 8 Nov 2019 16:15

Tgt Ion: 98 Resp: 896161
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2

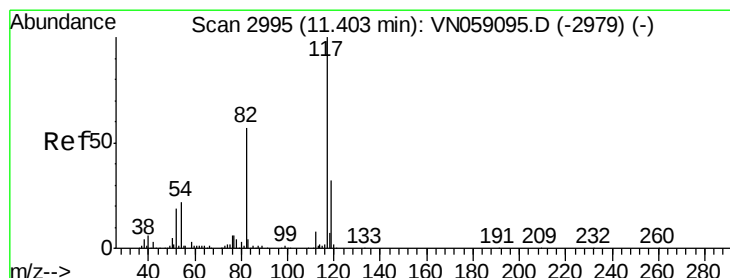
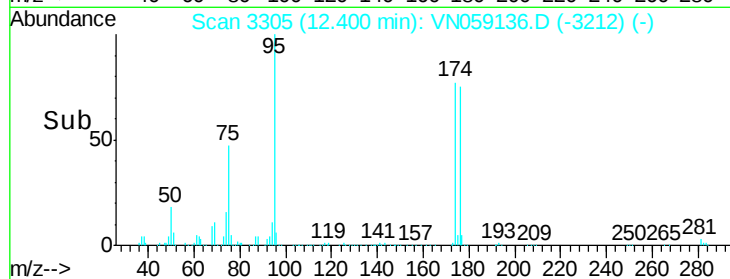
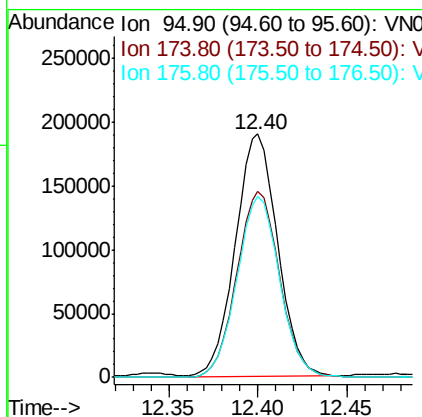
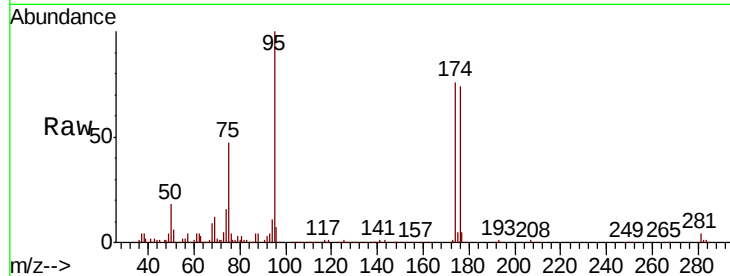




#62
4-Bromofluorobenzene
Concen: 50.343 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059136.D
Acq: 8 Nov 2019 16:15

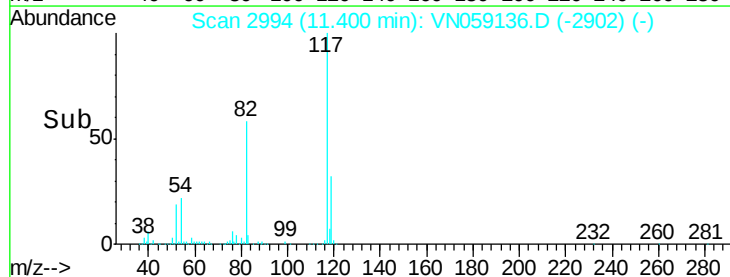
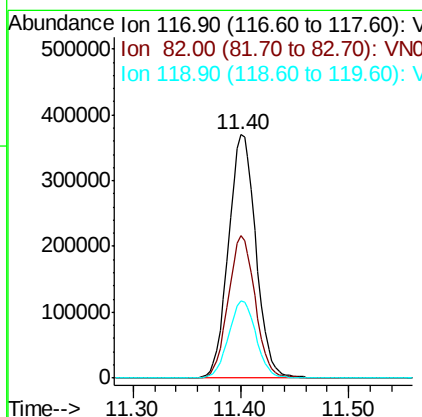
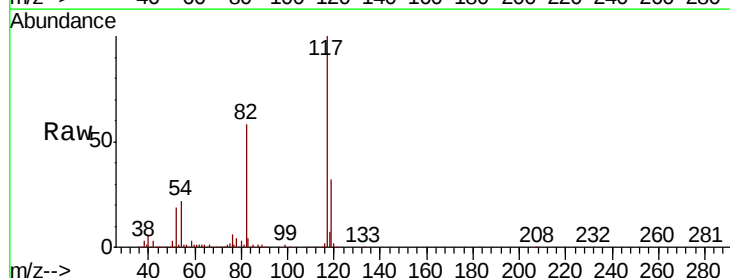
Instrument :
MSVOA_N
ClientSampled :
SB-35-(6-8)

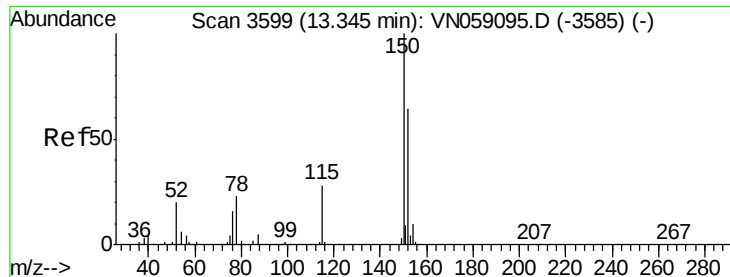
Tot Ion: 95 Resp: 311774
Ion Ratio Lower Upper
95 100
174 78.2 0.0 158.2
176 76.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059136.D
Acq: 8 Nov 2019 16:15

Tgt Ion: 117 Resp: 656057
Ion Ratio Lower Upper
117 100
82 58.2 45.8 68.8
119 31.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN059136.D

Acq: 8 Nov 2019 16:15

Instrument :

MSVOA_N

ClientSampleId :

SB-35-(6-8)

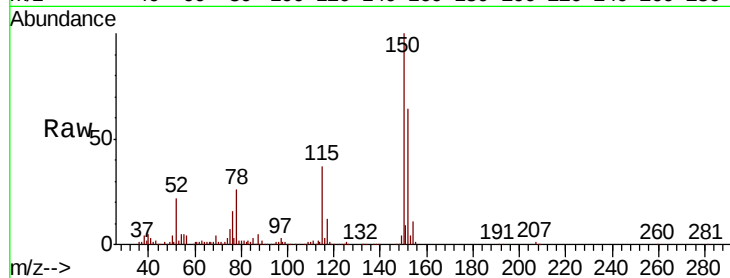
Tot Ion:152 Resp: 281688

Ion Ratio Lower Upper

152 100

115 58.7 29.4 88.2

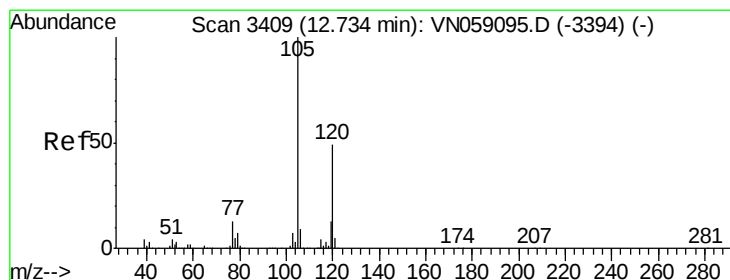
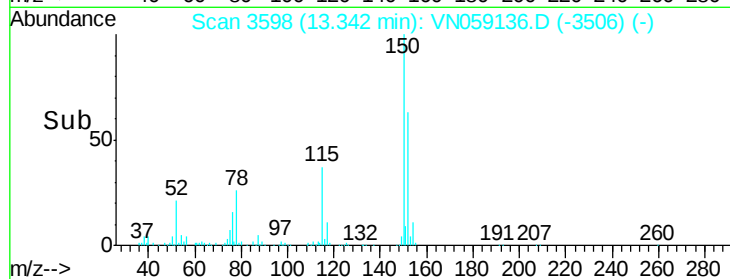
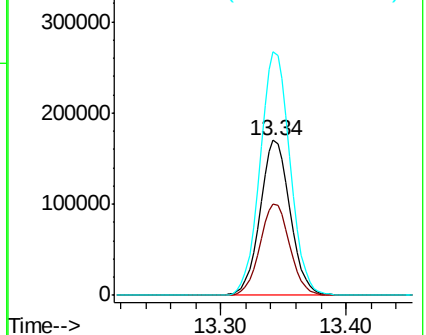
150 157.6 0.0 345.8



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



#80

1,3,5-Trimethylbenzene

Concen: 0.368 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN059136.D

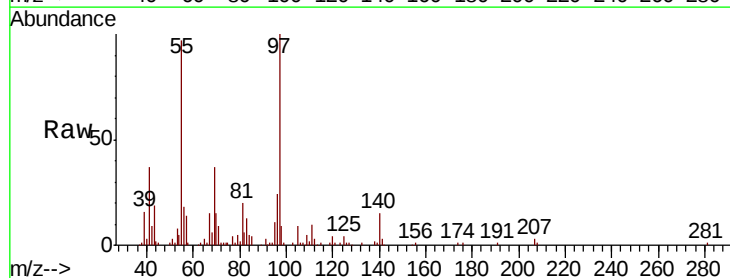
Acq: 8 Nov 2019 16:15

Tgt Ion:105 Resp: 6386

Ion Ratio Lower Upper

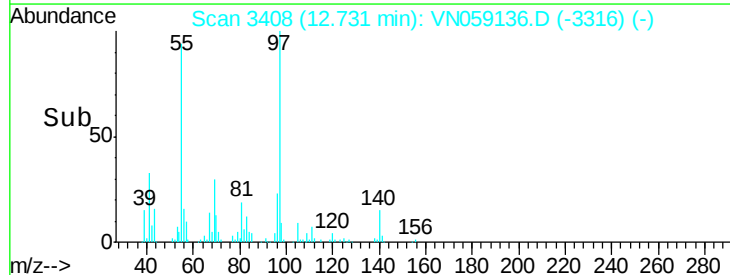
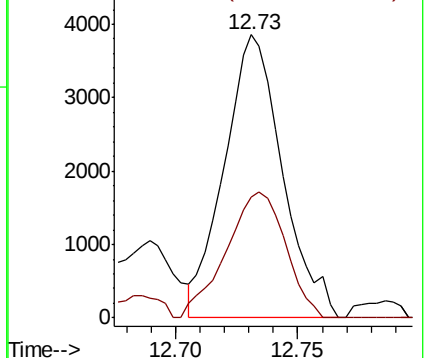
105 100

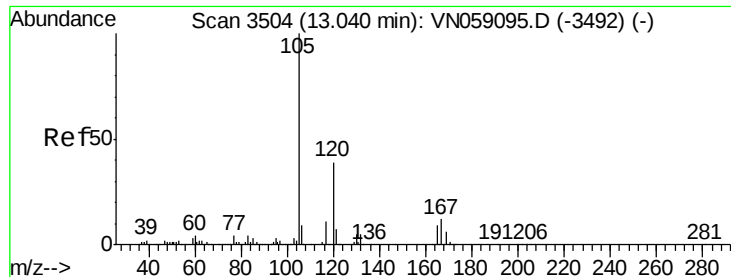
120 45.4 24.0 72.0



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: 2.925 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059136.D

Acq: 8 Nov 2019 16:15

Instrument :

MSVOA_N

ClientSampleId :

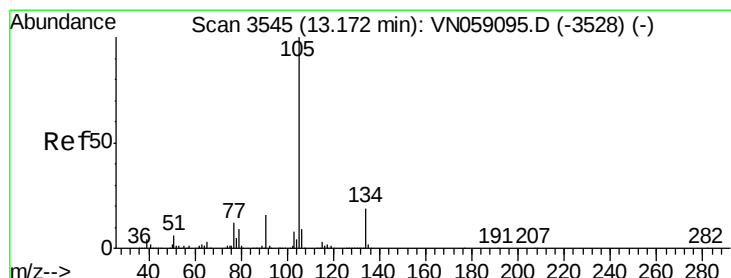
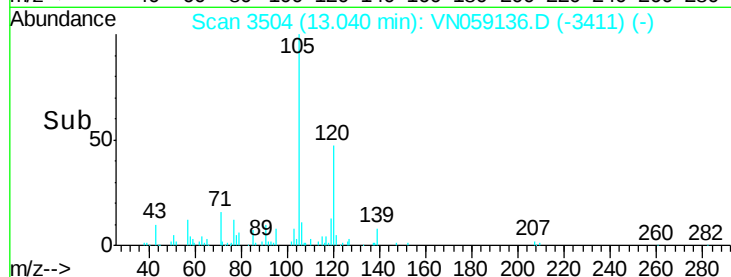
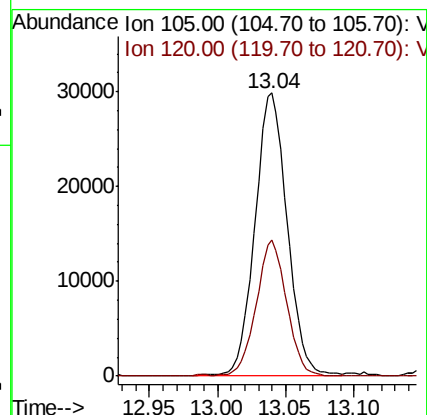
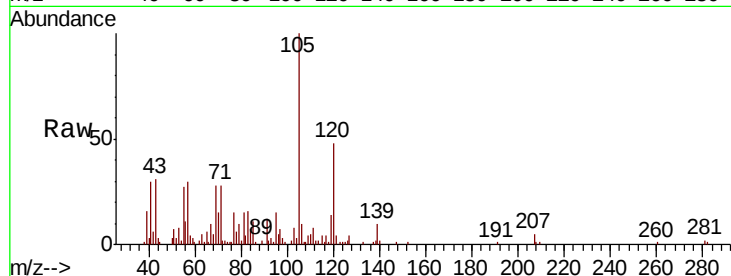
SB-35-(6-8)

Tot Ion:105 Resp: 49137

Ion Ratio Lower Upper

105 100

120 45.1 22.8 68.4



#85

sec-Butylbenzene

Concen: 0.800 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059136.D

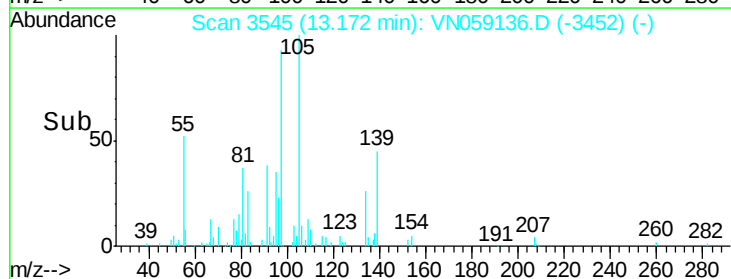
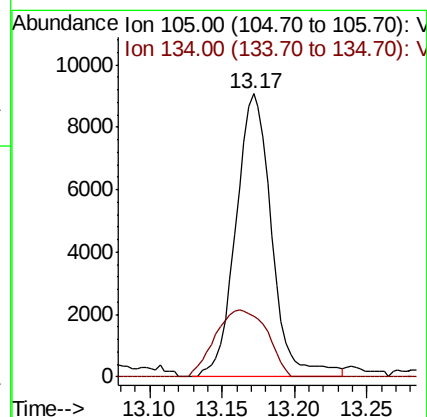
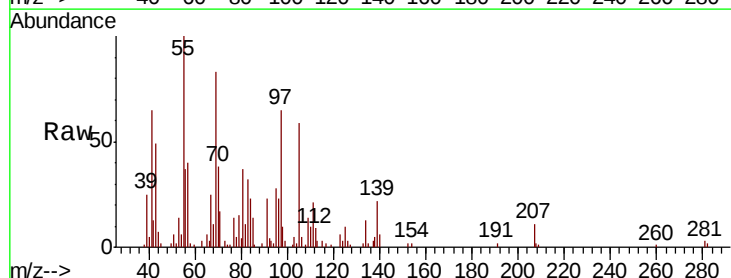
Acq: 8 Nov 2019 16:15

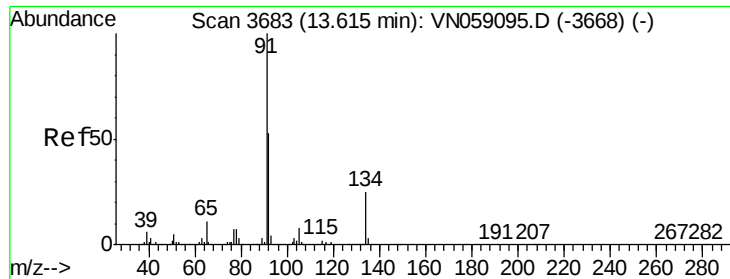
Tgt Ion:105 Resp: 15596

Ion Ratio Lower Upper

105 100

134 34.2 9.7 29.1#

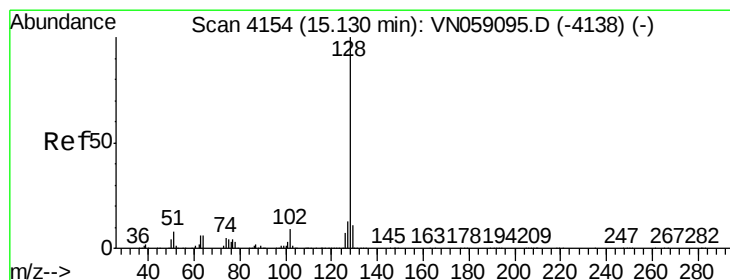
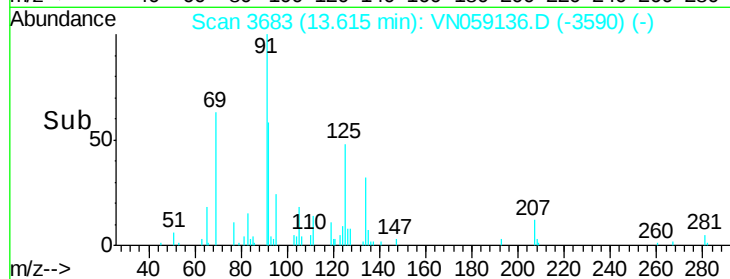
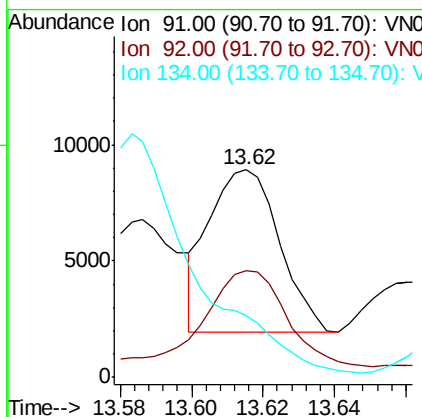
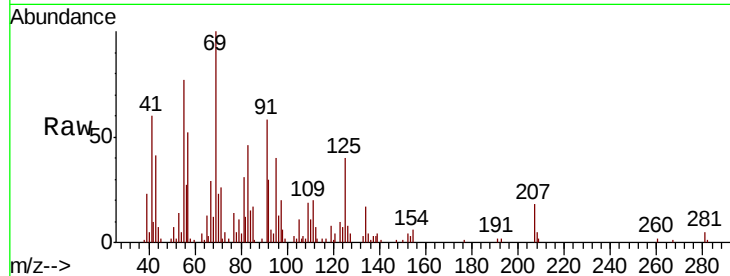




#89
n-Butylbenzene
Concen: 0.635 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059136.D
Acq: 8 Nov 2019 16:15

Instrument :
MSVOA_N
ClientSampled :
SB-35-(6-8)

Tot Ion: 91 Resp: 9569
Ion Ratio Lower Upper
91 100
92 80.7 26.1 78.3#
134 0.0 12.6 37.8#



#95
Naphthalene
Concen: 4.576 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059136.D
Acq: 8 Nov 2019 16:15

Tgt Ion: 128 Resp: 23795
Ion Ratio Lower Upper
128 100
127 23.3 10.2 15.2#
129 7.6 8.6 12.8#

