

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110819\
 Data File : VN059141.D
 Acq On : 8 Nov 2019 18:05
 Operator : JC/SP
 Sample : K5742-07
 Misc : 9.20g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Nov 11 02:19:44 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

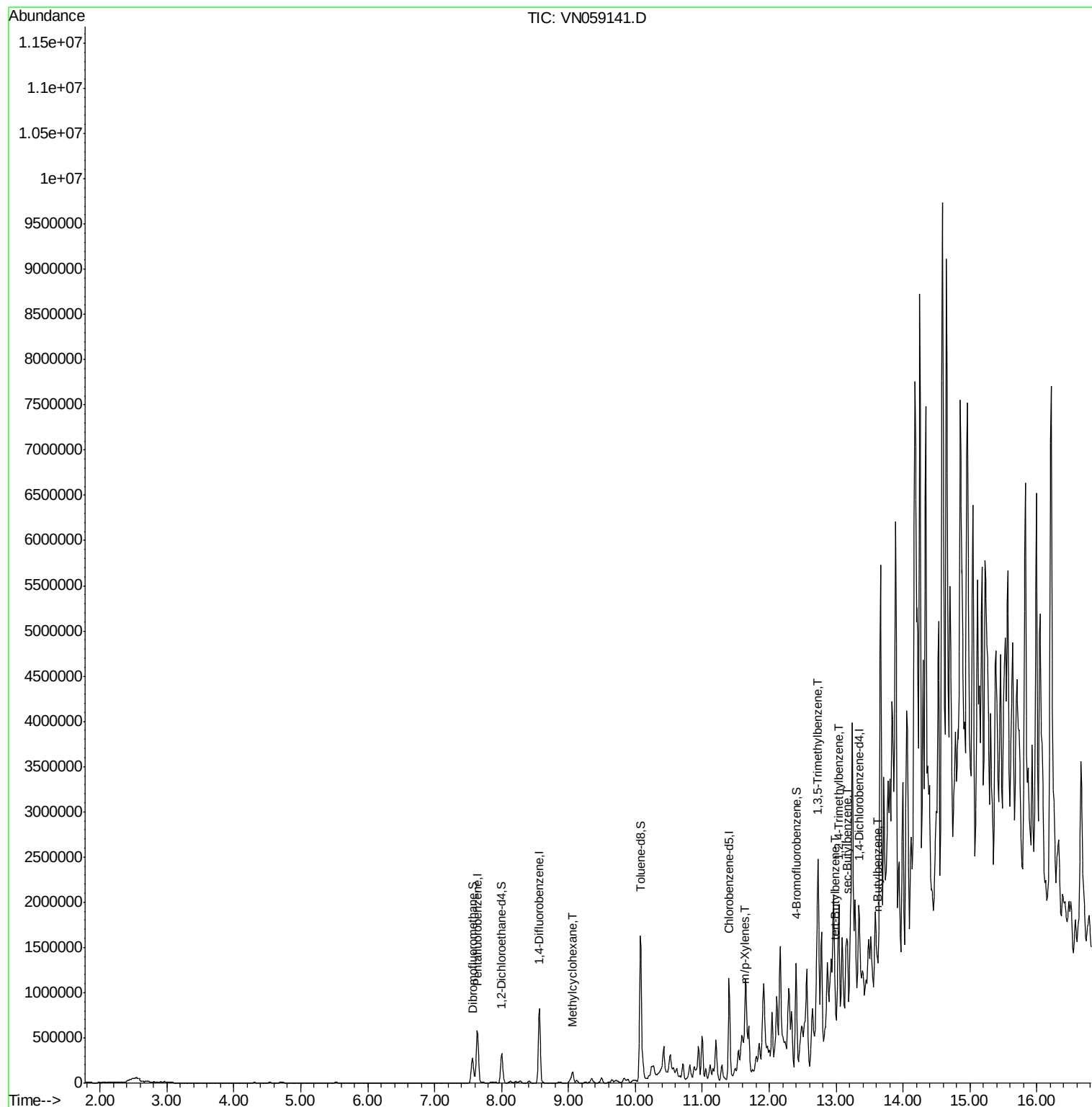
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	481453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	739222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	651702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	321046	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	280127	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
35) Dibromofluoromethane	7.56	113	215677	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
50) Toluene-d8	10.08	98	917362	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.40	95	347134	55.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.76%	
Target Compounds						
39) Methylcyclohexane	9.06	83	53960	6.729	ug/l	95
68) m/p-Xylenes	11.62	106	11428	1.354	ug/l #	73
80) 1,3,5-Trimethylbenzene	12.73	105	59393	3.001	ug/l	99
83) tert-Butylbenzene	12.99	119	25447	1.489	ug/l	86
84) 1,2,4-Trimethylbenzene	13.04	105	578211	30.202	ug/l	99
85) sec-Butylbenzene	13.17	105	167061	7.517	ug/l #	56
89) n-Butylbenzene	13.62	91	130810	7.616	ug/l #	69

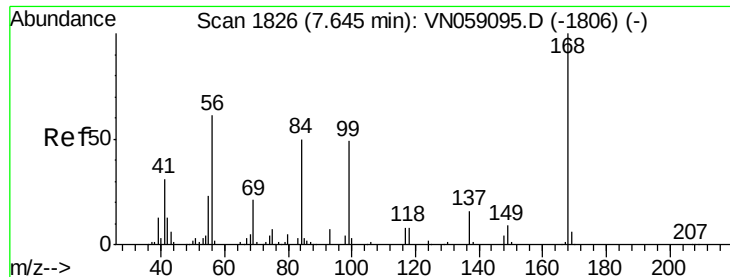
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1824

Delta R.T. -0.01 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

Instrument :

MSVOA_N

ClientSampled :

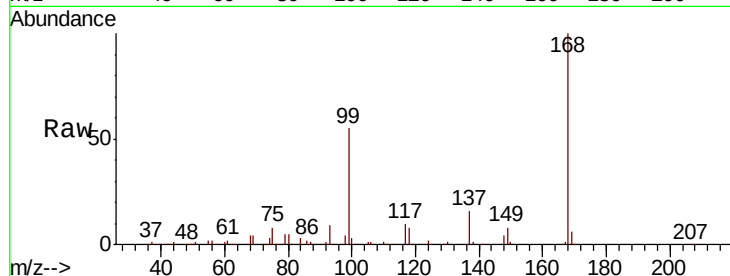
SB-35-(6-8)

Tot Ion:168 Resp: 481453

Ion Ratio Lower Upper

168 100

99 55.2 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

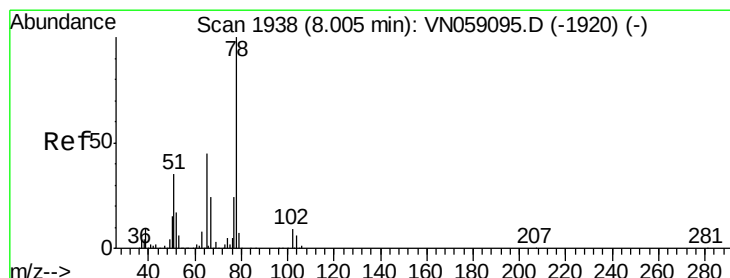
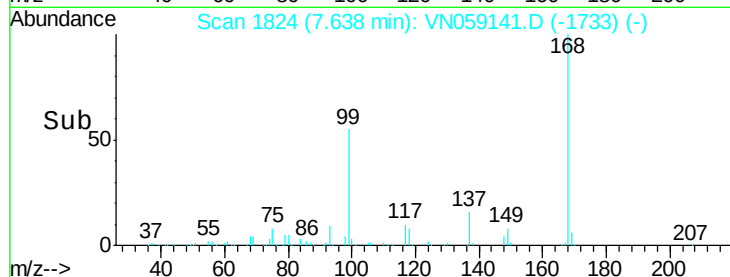
Time-->

7.50

7.60

7.70

7.80



#33

1,2-Dichloroethane-d4

Concen: 47.332 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN059141.D

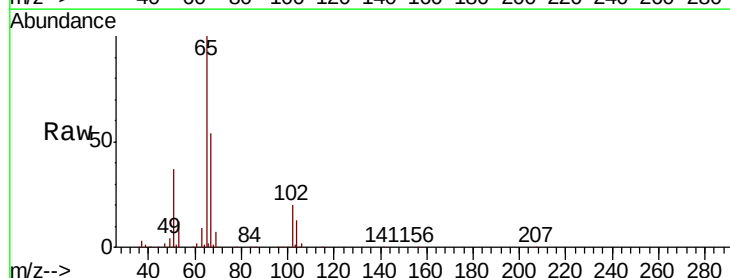
Acq: 8 Nov 2019 18:05

Tgt Ion: 65 Resp: 280127

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.00

100000

50000

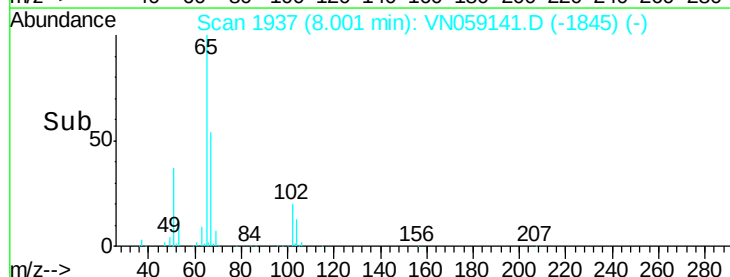
0

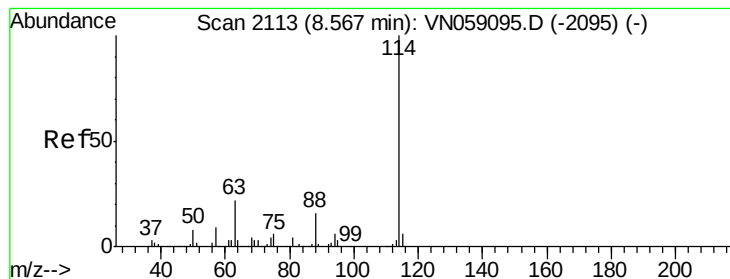
Time-->

7.90

8.00

8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

Instrument :

MSVOA_N

ClientSampleId :

SB-35-(6-8)

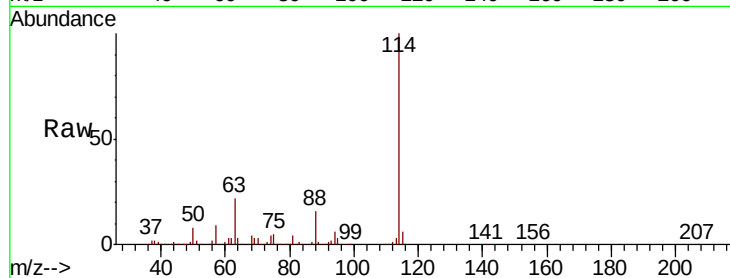
Tot Ion:114 Resp: 739222

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.4

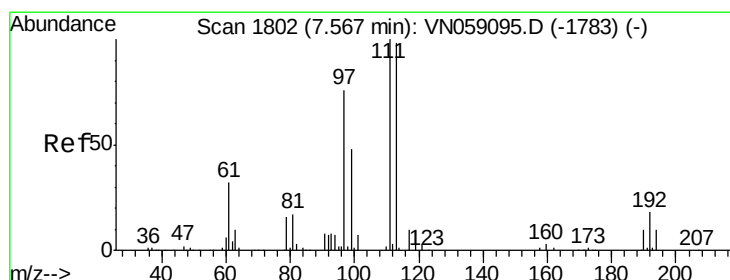
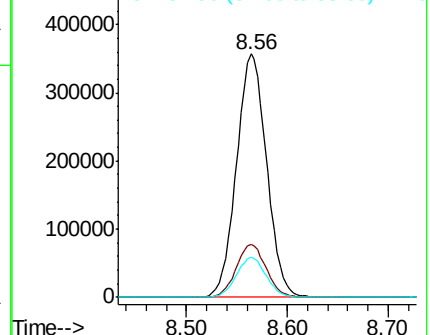
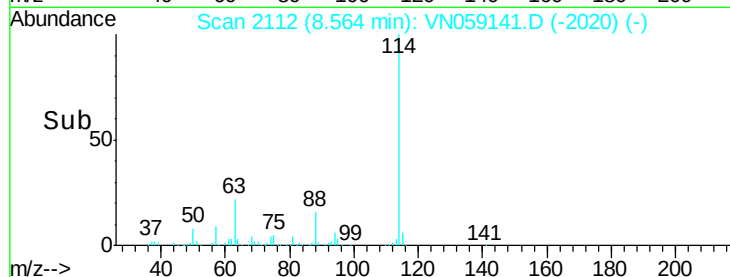
88 16.4 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.863 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

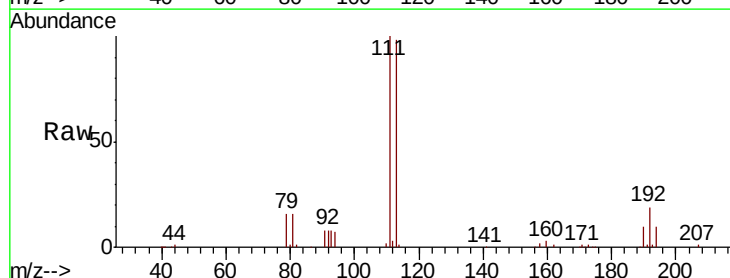
Tgt Ion:113 Resp: 215677

Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

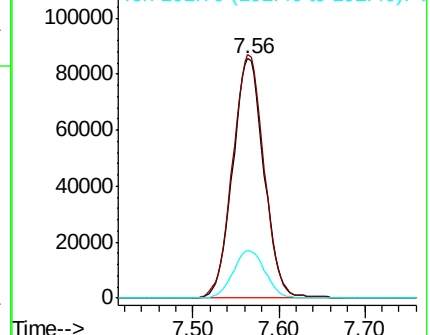
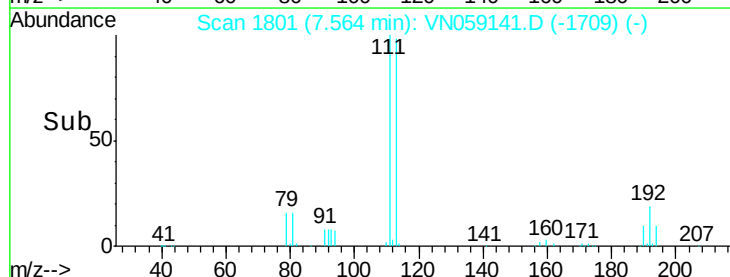
192 20.3 16.1 24.1

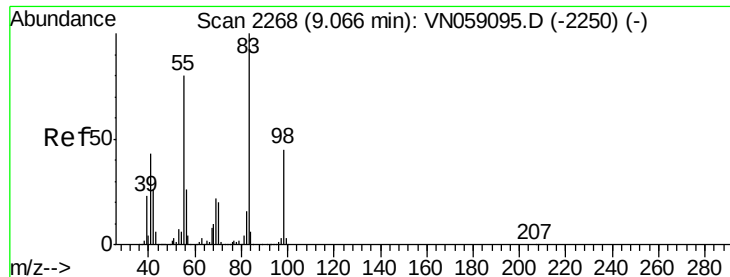


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

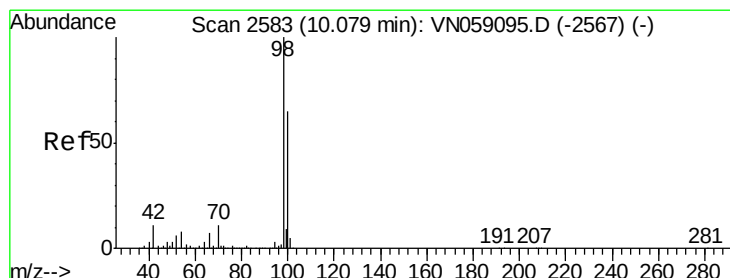
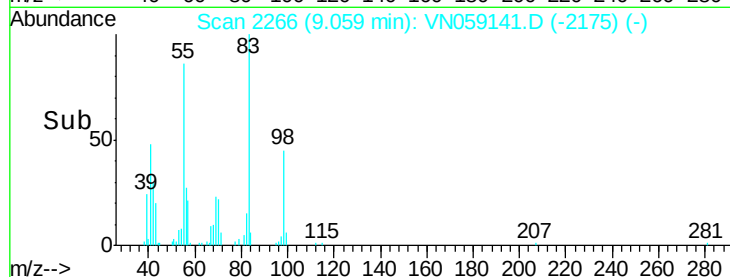
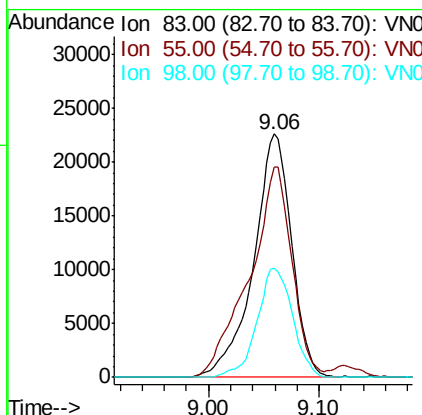
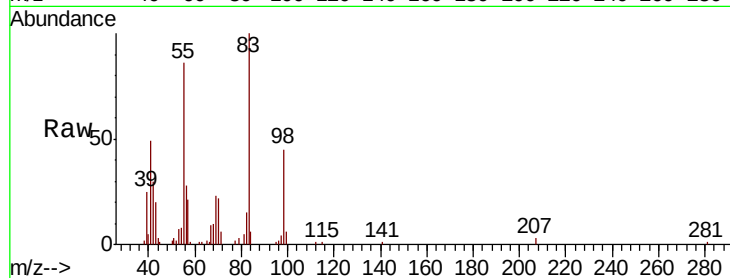




#39
Methylcyclohexane
Concen: 6.729 ug/l
RT: 9.06 min Scan# 2266
Delta R.T. -0.01 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

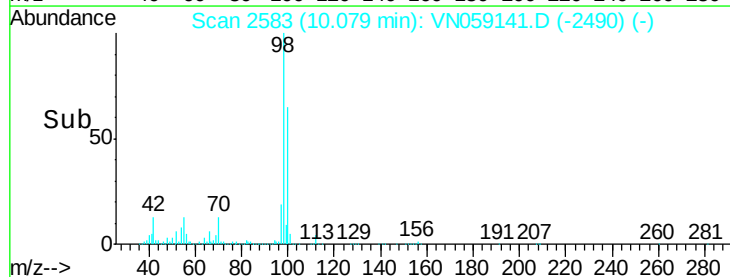
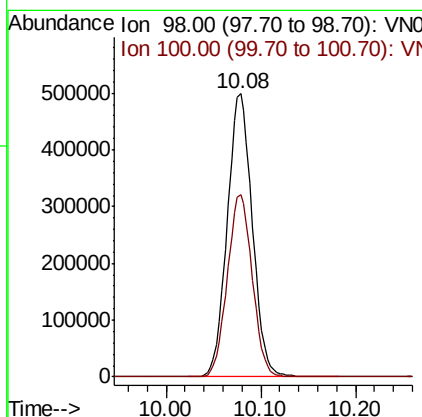
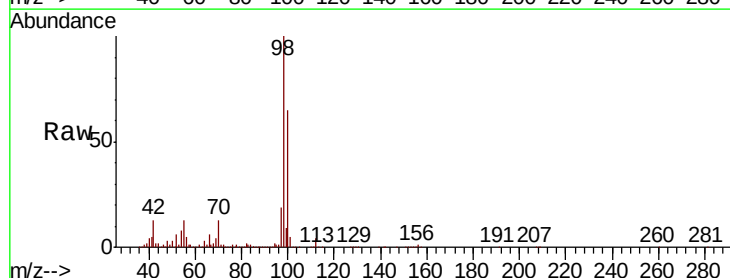
Instrument :
MSVOA_N
ClientSampleId :
SB-35-(6-8)

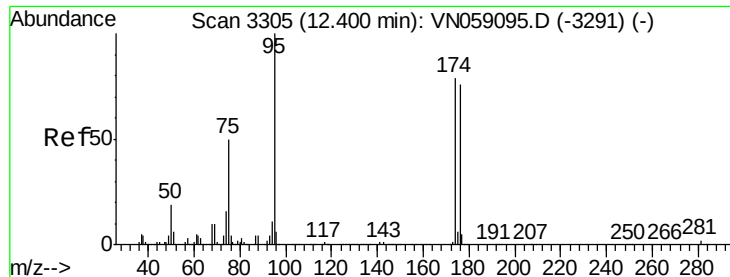
Tot Ion	83.00	Resp	53960
Ion	Ratio	Lower	Upper
83	100		
55	86.4	63.9	95.9
98	45.1	35.6	53.4



#50
Toluene-d8
Concen: 52.765 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

Tgt Ion	98.00	Resp	917362
Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 55.376 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

Instrument :

MSVOA_N

ClientSampled :

SB-35-(6-8)

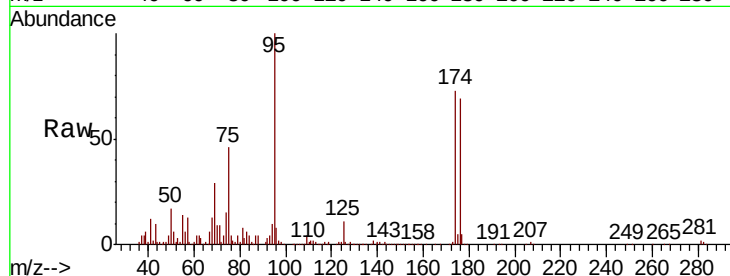
Tot Ion: 95 Resp: 347134

Ion Ratio Lower Upper

95 100

174 72.7 0.0 158.2

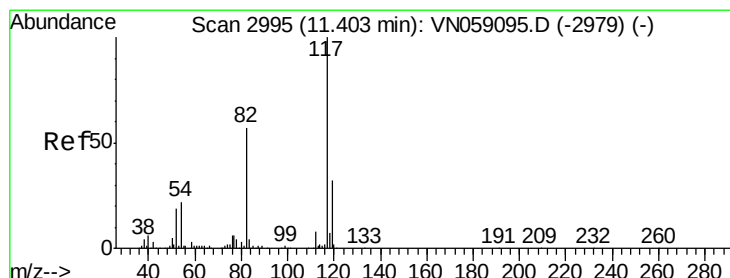
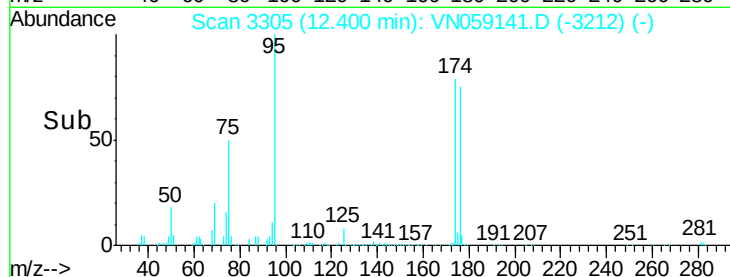
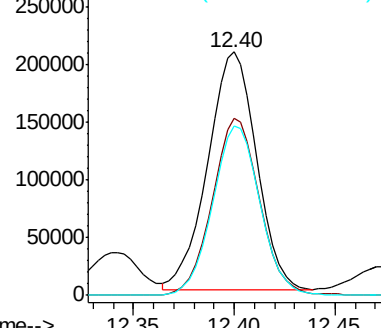
176 69.7 0.0 151.8



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: VN059141.D

Acq: 8 Nov 2019 18:05

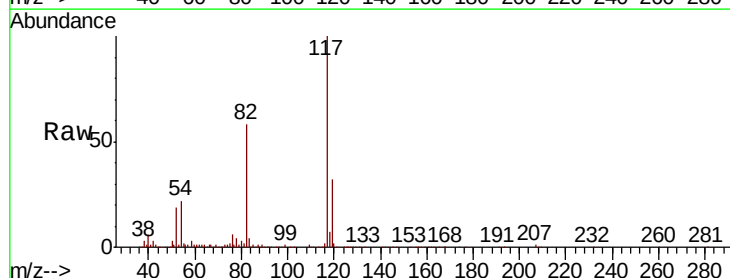
Tgt Ion: 117 Resp: 651702

Ion Ratio Lower Upper

117 100

82 57.5 45.8 68.8

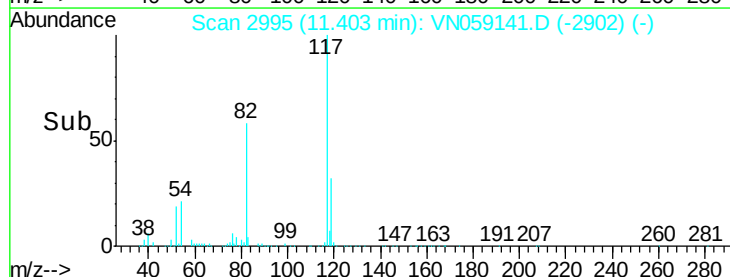
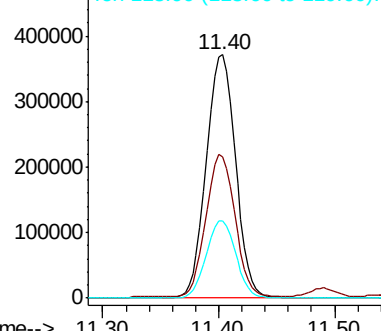
119 31.7 25.8 38.6

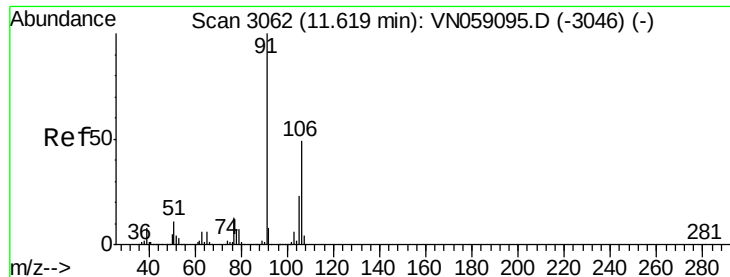


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

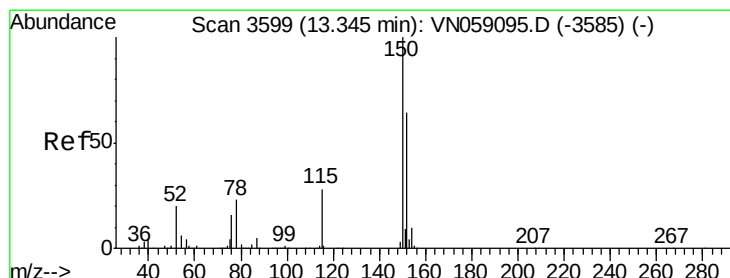
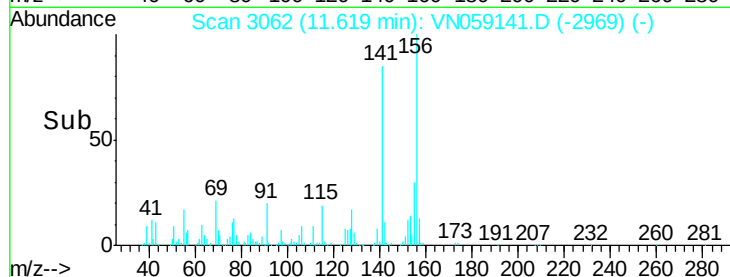
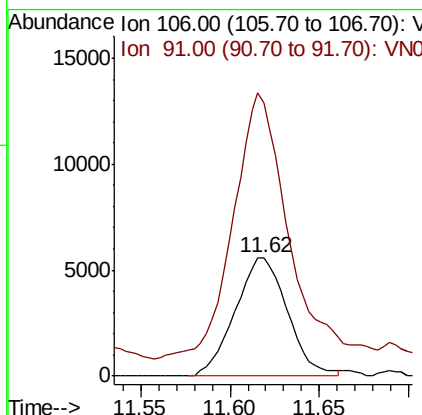
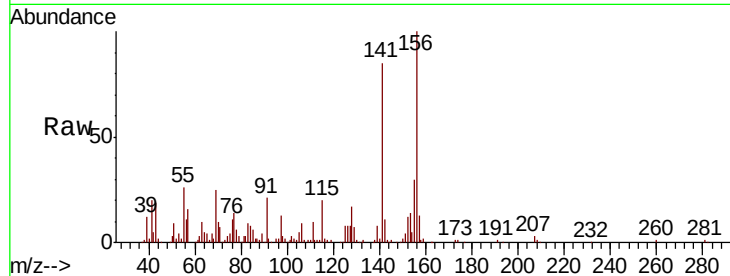




#68
m/p-Xvlenes
Concen: 1.354 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

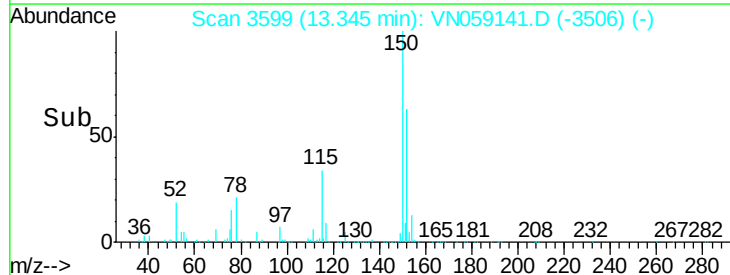
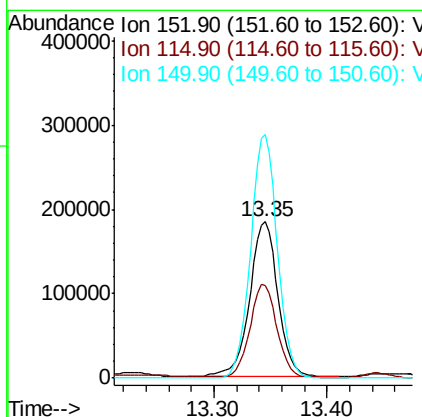
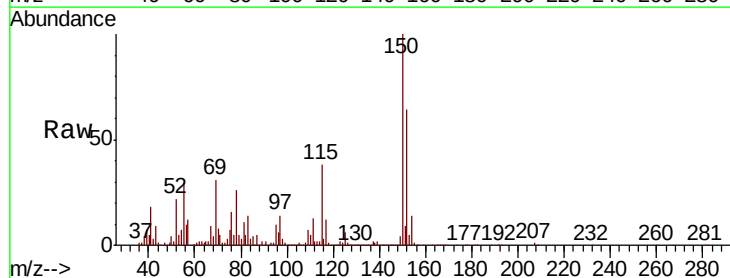
Instrument :
MSVOA_N
ClientSampleId :
SB-35-(6-8)

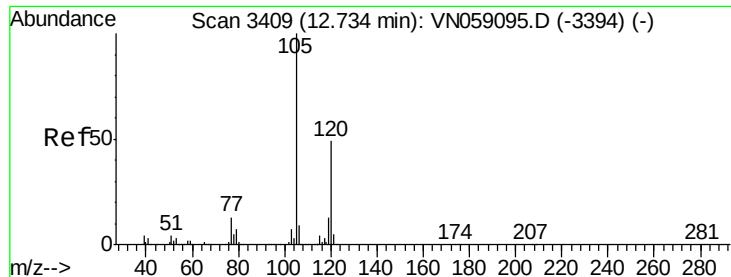
Tot Ion:106 Resp: 11428
Ion Ratio Lower Upper
106 100
91 247.5 164.7 247.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

Tgt Ion:152 Resp: 321046
Ion Ratio Lower Upper
152 100
115 56.9 29.4 88.2
150 147.0 0.0 345.8





#80

1,3,5-Trimethylbenzene

Concen: 3.001 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

Instrument :

MSVOA_N

ClientSampleId :

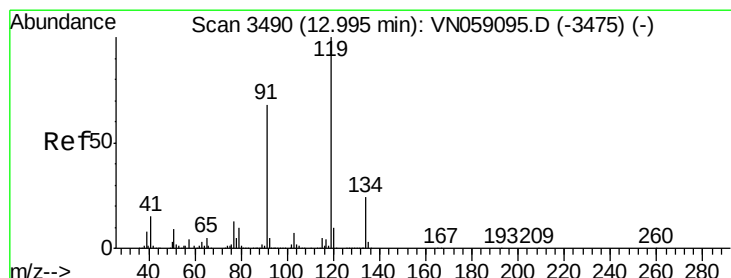
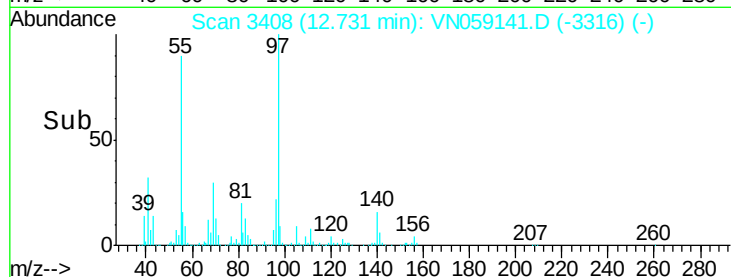
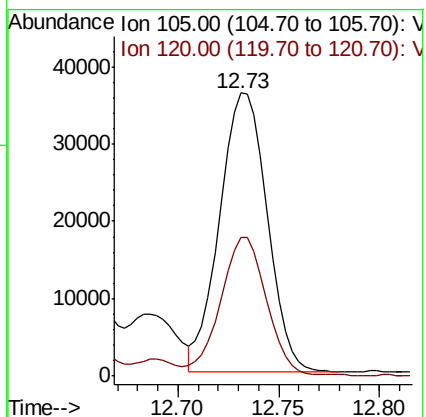
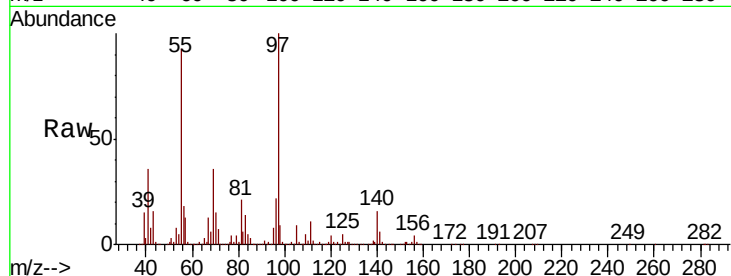
SB-35-(6-8)

Tot Ion:105 Resp: 59393

Ion Ratio Lower Upper

105 100

120 48.7 24.0 72.0



#83

tert-Butylbenzene

Concen: 1.489 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

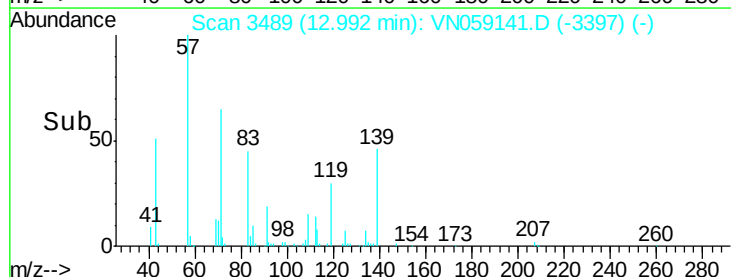
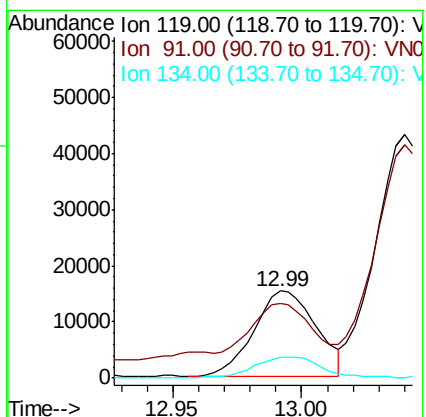
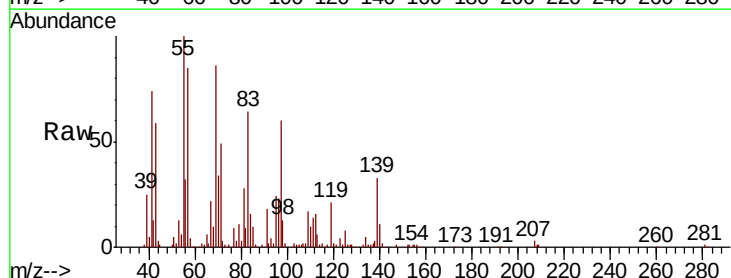
Tgt Ion:119 Resp: 25447

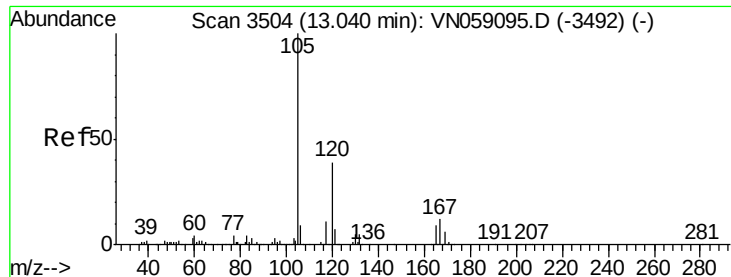
Ion Ratio Lower Upper

119 100

91 51.9 33.2 99.6

134 27.5 12.7 38.1





#84

1,2,4-Trimethylbenzene

Concen: 30.202 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

Instrument :

MSVOA_N

ClientSampleId :

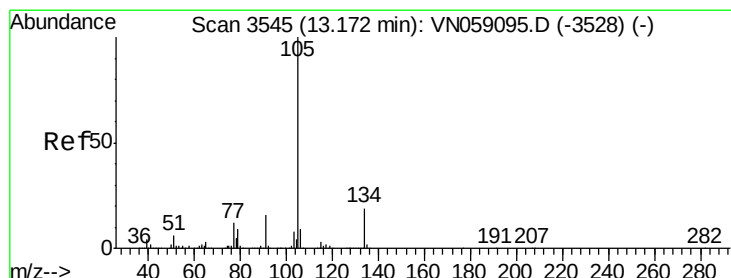
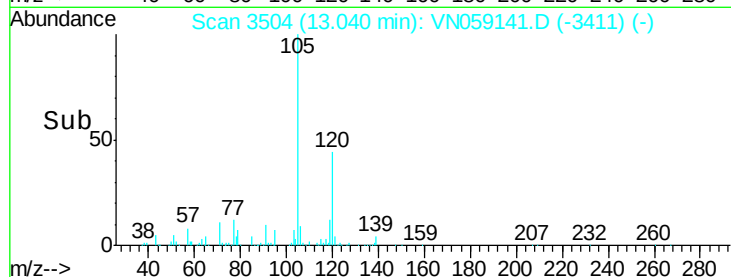
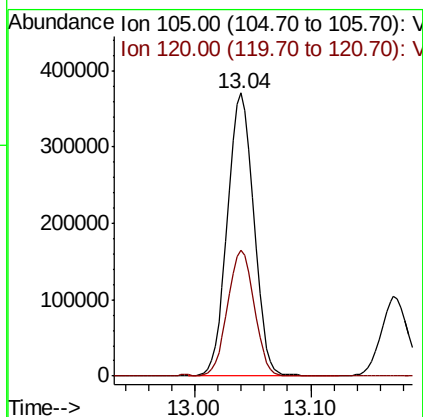
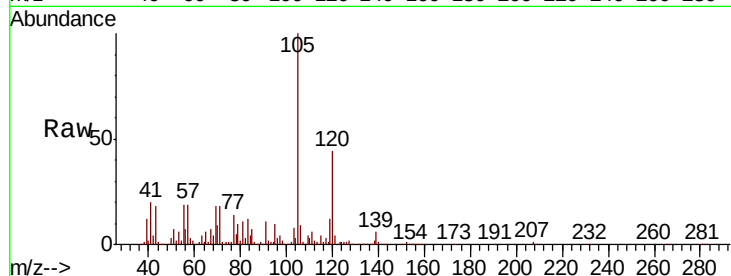
SB-35-(6-8)

Tot Ion:105 Resp: 578211

Ion Ratio Lower Upper

105 100

120 44.8 22.8 68.4



#85

sec-Butylbenzene

Concen: 7.517 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059141.D

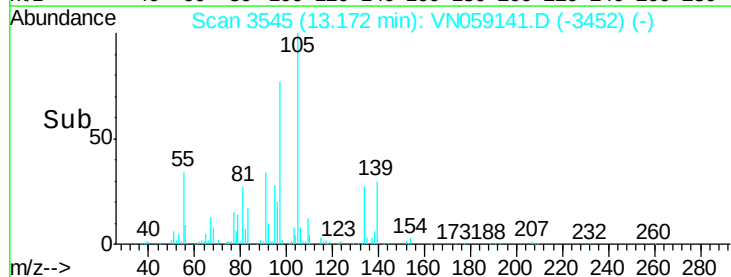
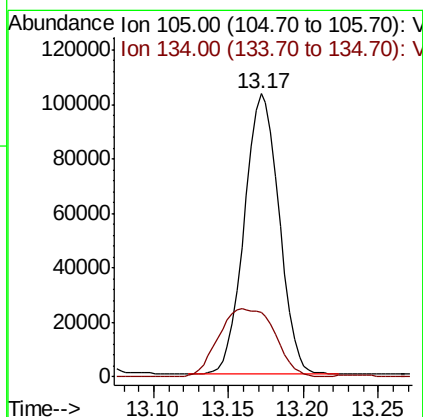
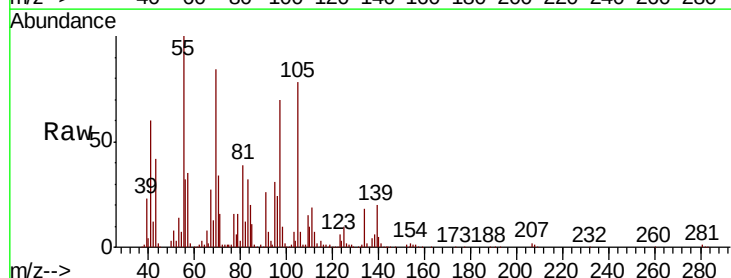
Acq: 8 Nov 2019 18:05

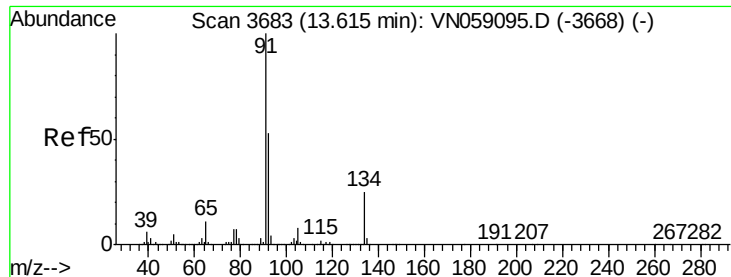
Tgt Ion:105 Resp: 167061

Ion Ratio Lower Upper

105 100

134 39.3 9.7 29.1#





#89

n-Butylbenzene

Concen: 7.616 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

Instrument :

MSVOA_N

ClientSampleId :

SB-35-(6-8)

Tot Ion: 91 Resp: 130810

Ion Ratio Lower Upper

91 100

92 68.0 26.1 78.3

134 0.0 12.6 37.8#

