

Data File : VN051061.D
Acq On : 7 Sep 2018 18:19
Operator : MD\SY
Sample : J4693-09DL 20X
Misc : 5.82g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(10-15)DL

Quant Time: Sep 14 07:38:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	699561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1050495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	987874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	448839	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	406196	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
35) Dibromofluoromethane	7.59	113	392584	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
50) Toluene-d8	10.09	98	1539602	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.40	95	627995	60.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.96%	

Target Compounds

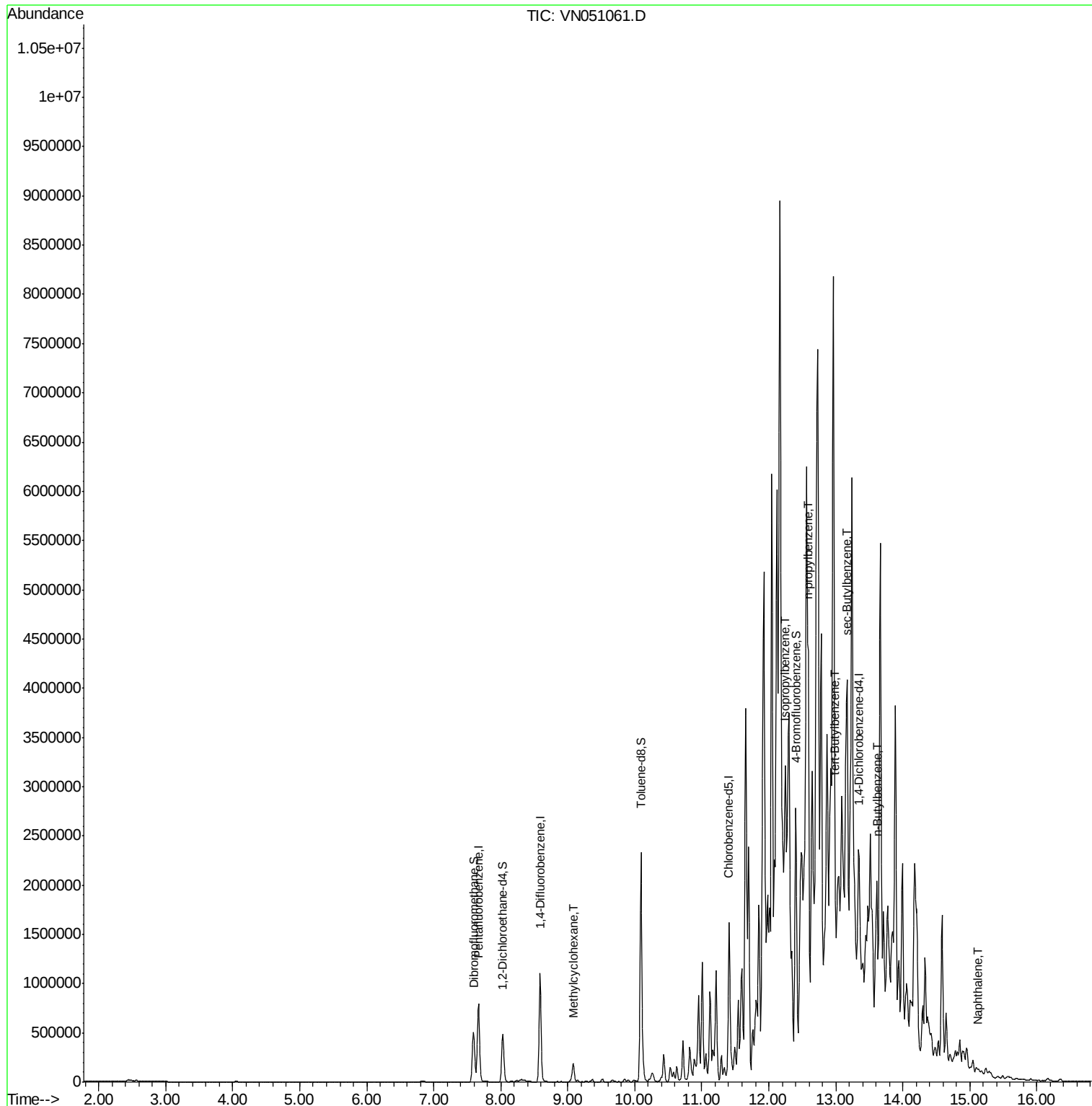
						Qvalue
39) Methylcyclohexane	9.08	83	79785	5.949	ug/l	99
73) Isopropylbenzene	12.25	105	969851	26.096	ug/l	100
78) n-propylbenzene	12.59	91	2720342	65.522	ug/l	100
83) tert-Butylbenzene	12.99	119	171660	6.610	ug/l	90
85) sec-Butylbenzene	13.17	105	1174897	34.523	ug/l #	64
89) n-Butylbenzene	13.62	91	715155	30.836	ug/l	90
95) Naphthalene	15.13	128	42512	7.514	ug/l	99

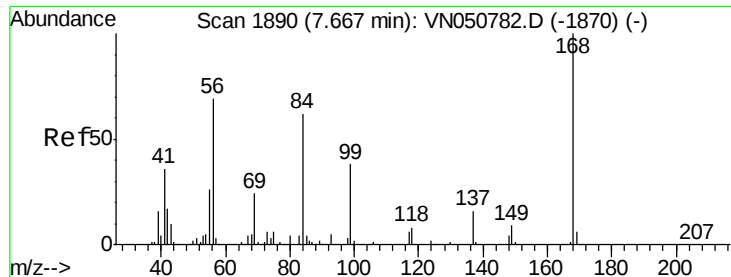
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051061.D

Acq: 7 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

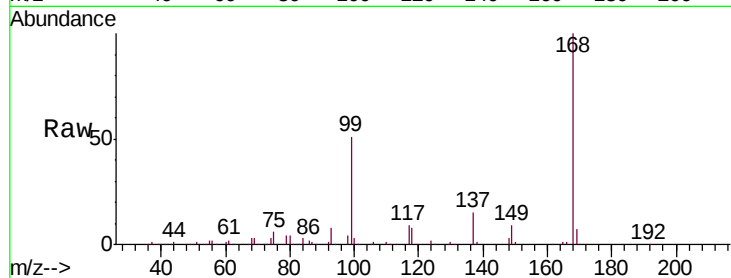
EP1-MW-C(10-15)DL

Tgt Ion:168 Resp: 699561

Ion Ratio Lower Upper

168 100

99 50.9 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

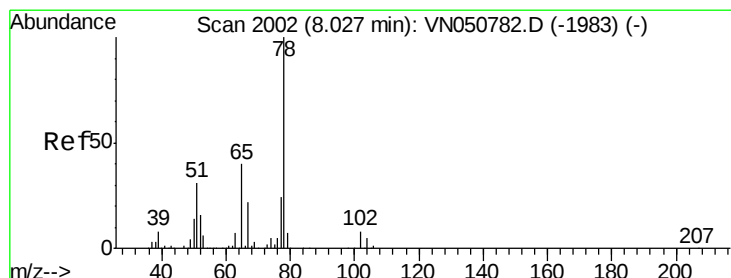
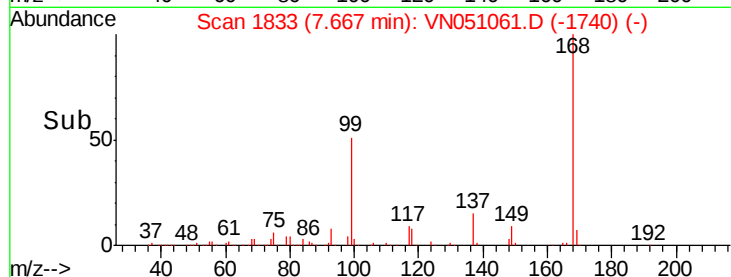
200000

100000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.232 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051061.D

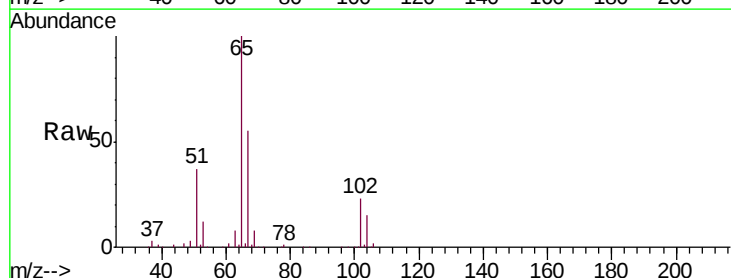
Acq: 7 Sep 2018 18:19

Tgt Ion: 65 Resp: 406196

Ion Ratio Lower Upper

65 100

67 55.7 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

200000

150000

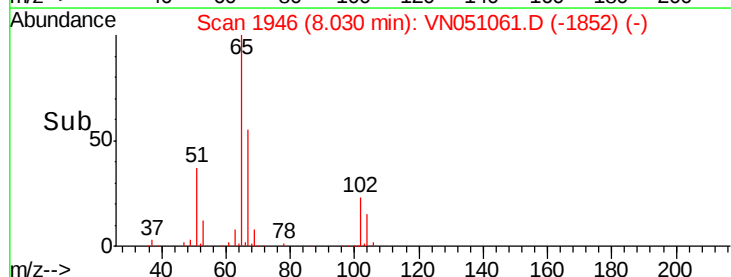
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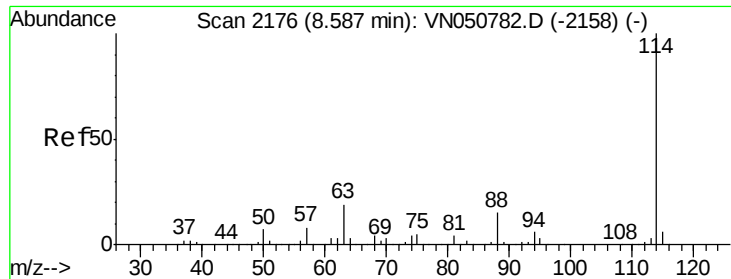
50000

0

7.90 8.00 8.10

Time-->

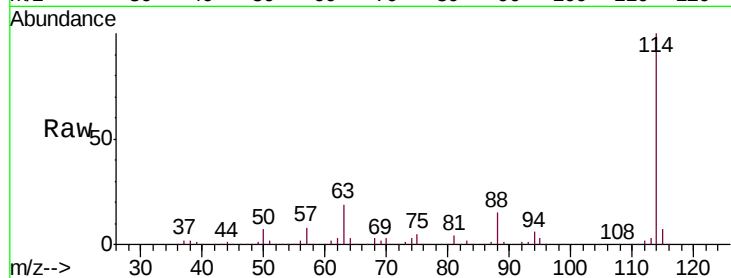




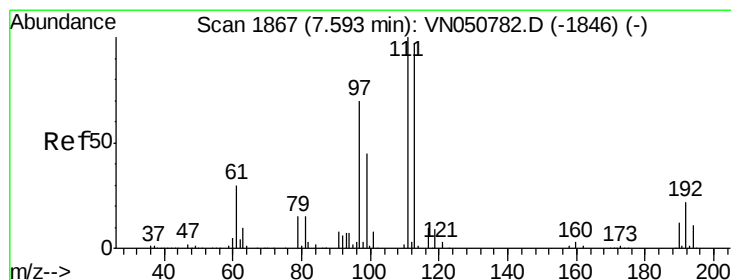
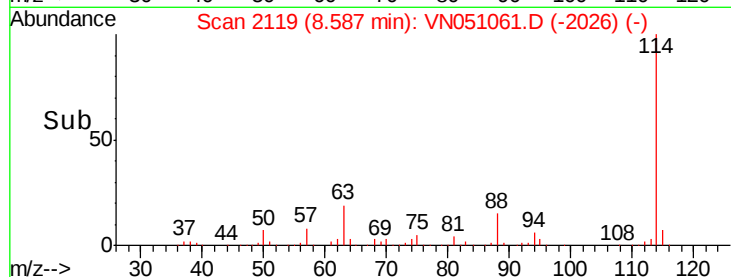
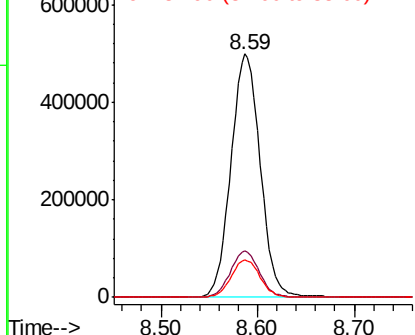
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051061.D
Acq: 7 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(10-15)DL

Tgt Ion:114 Resp: 1050495
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 15.4 0.0 30.6

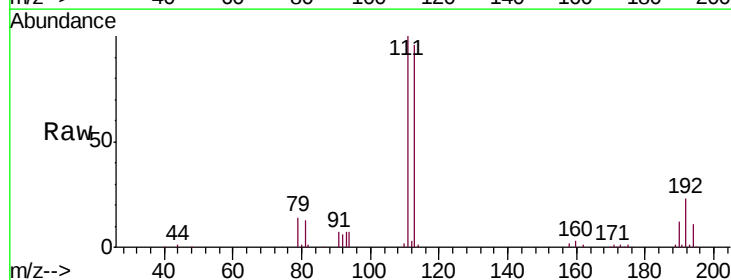


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

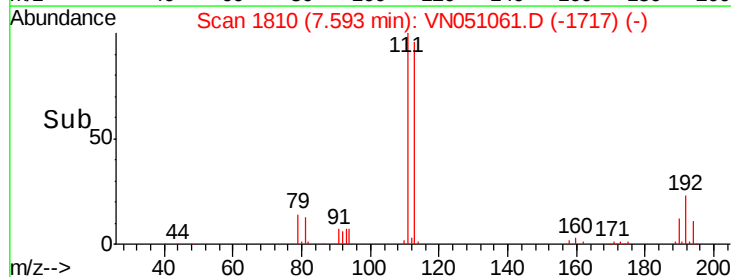
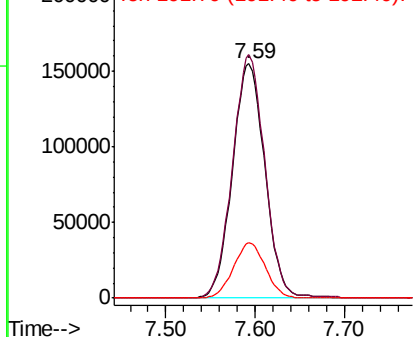


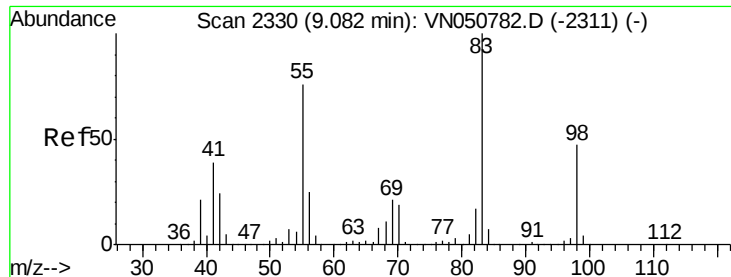
#35
Dibromofluoromethane
Concen: 46.975 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051061.D
Acq: 7 Sep 2018 18:19

Tgt Ion:113 Resp: 392584
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 23.3 18.0 27.0



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

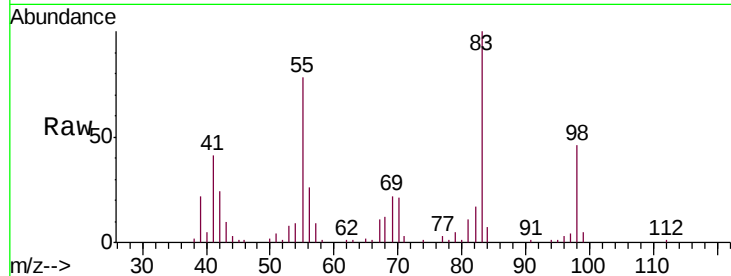




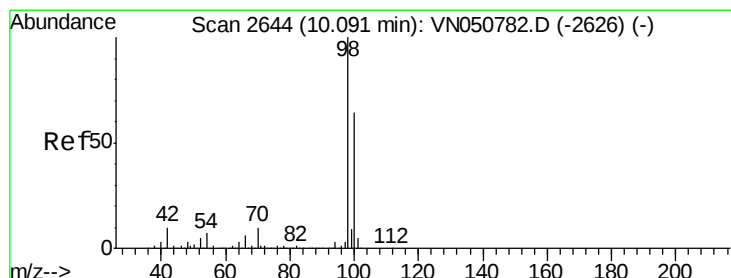
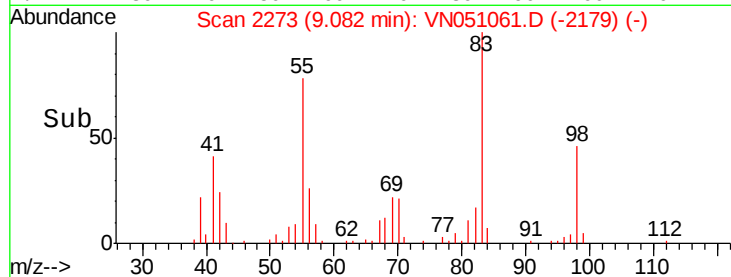
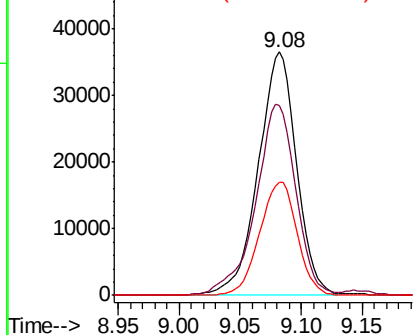
#39
Methylcyclohexane
Concen: 5.949 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051061.D
Acq: 7 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(10-15)DL

Tgt Ion: 83 Resp: 79785
Ion Ratio Lower Upper
83 100
55 77.8 61.0 91.4
98 46.4 37.5 56.3

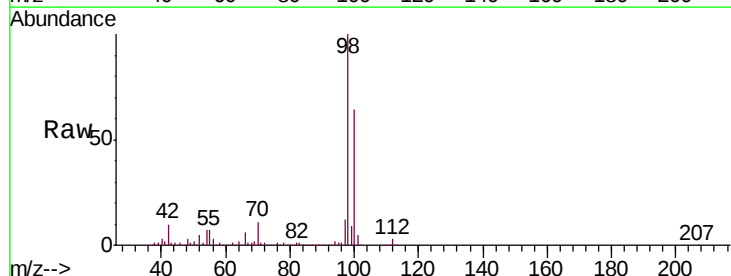


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

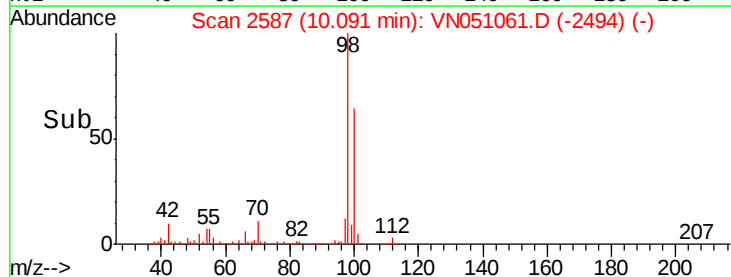
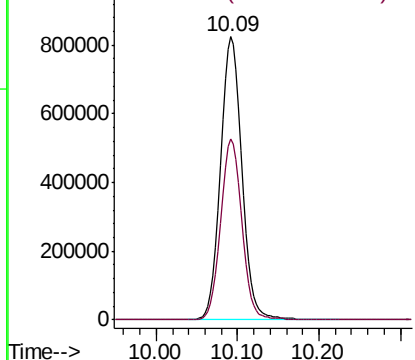


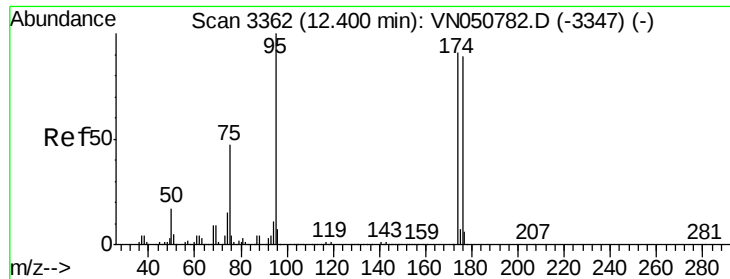
#50
Toluene-d8
Concen: 49.274 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051061.D
Acq: 7 Sep 2018 18:19

Tgt Ion: 98 Resp: 1539602
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 60.483 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051061.D

Acq: 7 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(10-15)DL

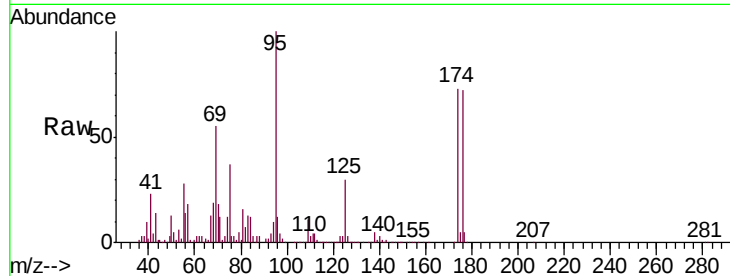
Tgt Ion: 95 Resp: 627995

Ion Ratio Lower Upper

95 100

174 72.7 0.0 183.0

176 71.3 0.0 178.8

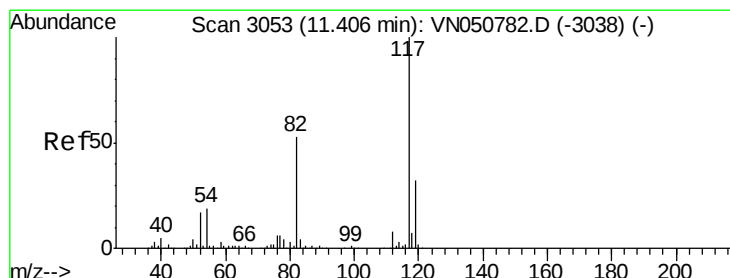
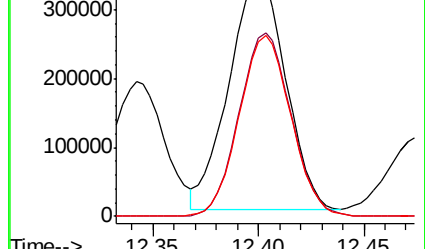
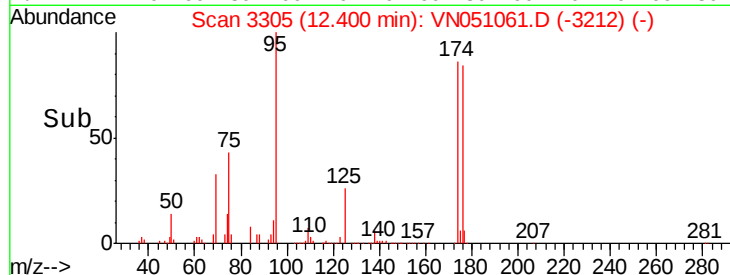


Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051061.D

Acq: 7 Sep 2018 18:19

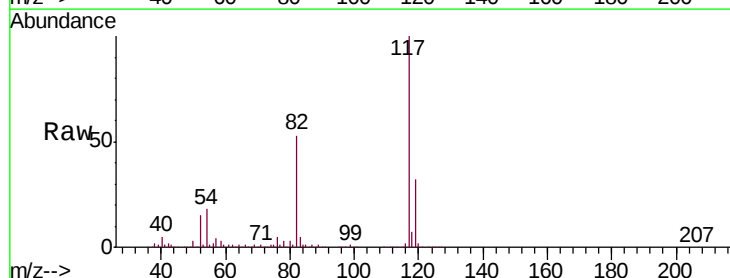
Tgt Ion: 117 Resp: 987874

Ion Ratio Lower Upper

117 100

82 51.4 42.6 64.0

119 32.4 25.8 38.6

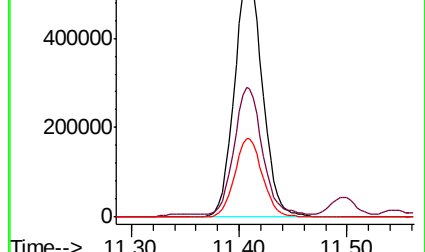
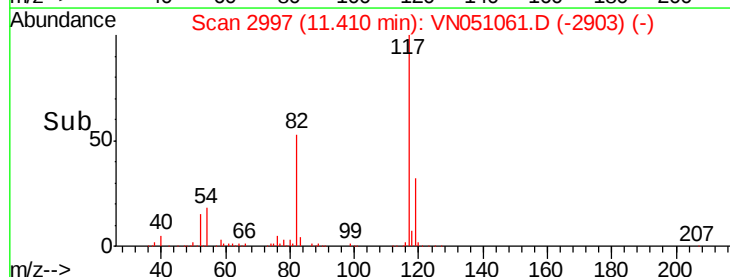


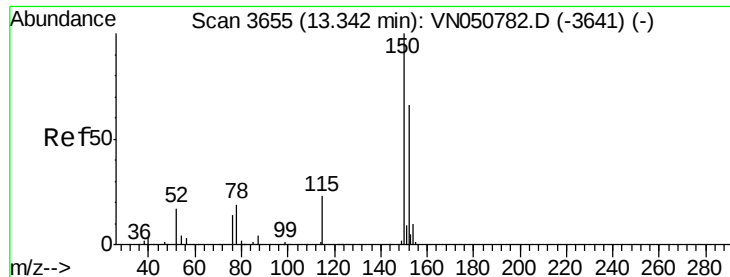
Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050782.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050782.D (-3038) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051061.D

Acq: 7 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(10-15)DL

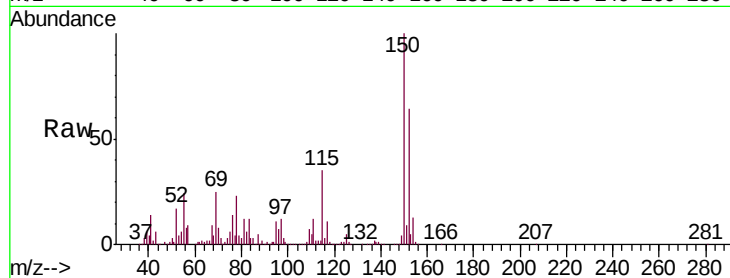
Tgt Ion:152 Resp: 448839

Ion Ratio Lower Upper

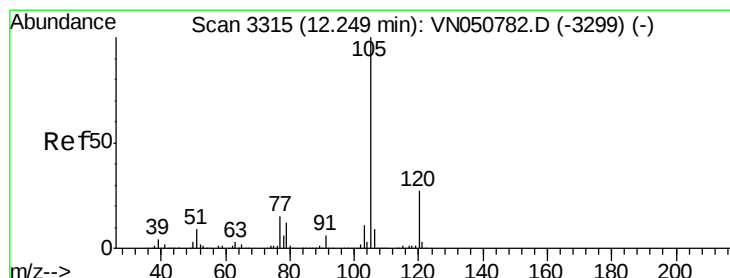
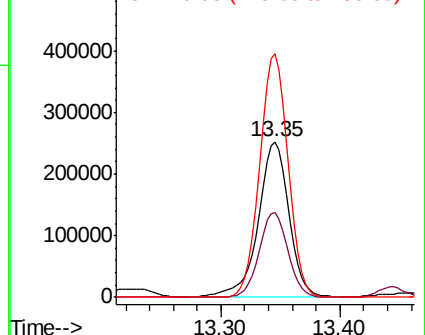
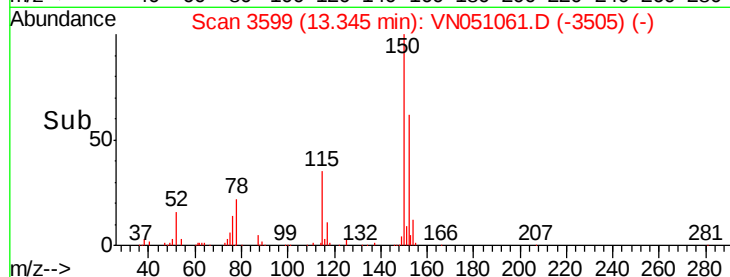
152 100

115 51.2 27.8 83.4

150 144.4 0.0 351.4



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



#73

Isopropylbenzene

Concen: 26.096 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051061.D

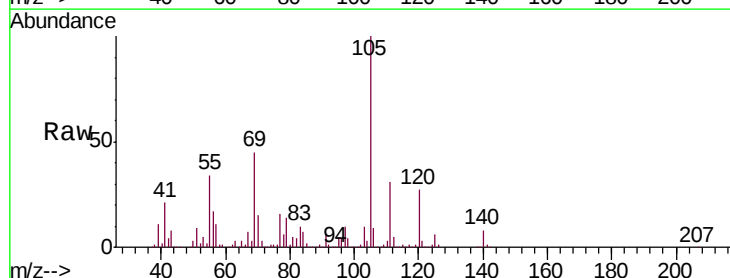
Acq: 7 Sep 2018 18:19

Tgt Ion:105 Resp: 969851

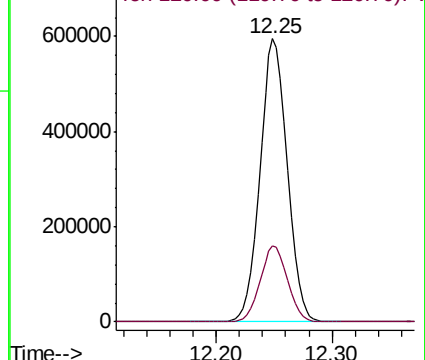
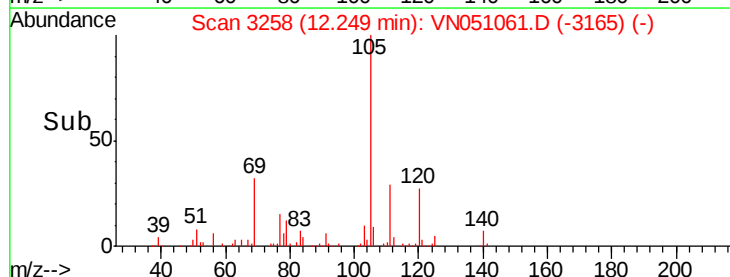
Ion Ratio Lower Upper

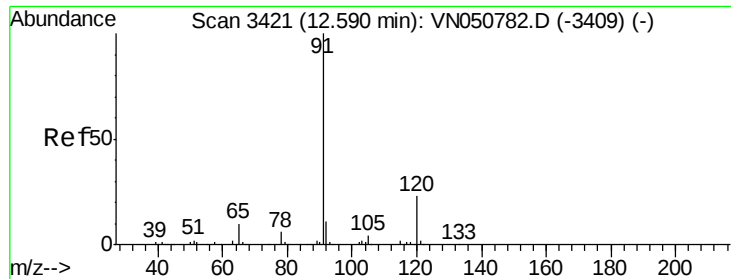
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 65.522 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051061.D

Acq: 7 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

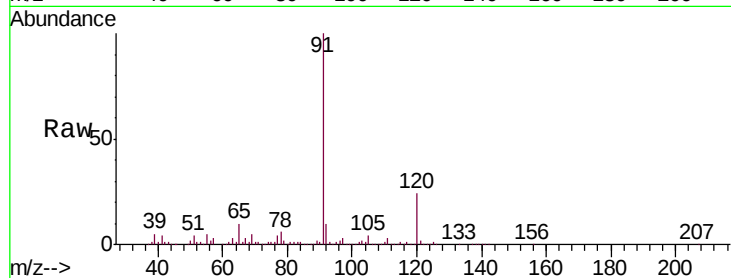
EP1-MW-C(10-15)DL

Tgt Ion: 91 Resp: 2720342

Ion Ratio Lower Upper

91 100

120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN050782.D (-3409) (-)

Ion 120.00 (119.70 to 120.70): VN050782.D (-3409) (-)

2000000

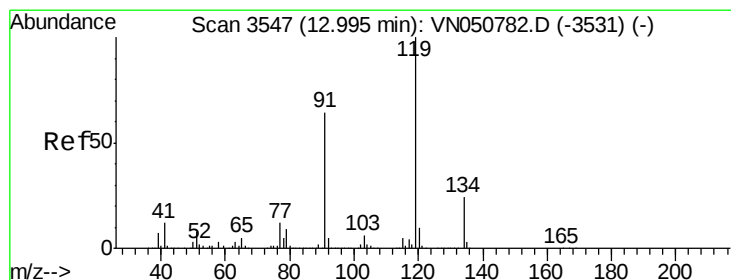
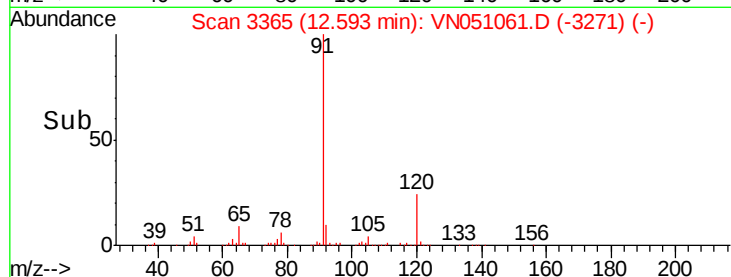
1500000

1000000

500000

0

Time-->



#83

tert-Butylbenzene

Concen: 6.610 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051061.D

Acq: 7 Sep 2018 18:19

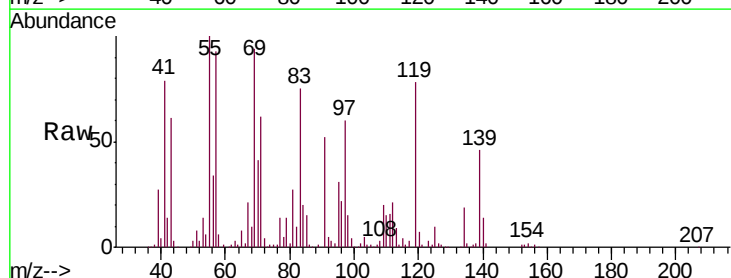
Tgt Ion: 119 Resp: 171660

Ion Ratio Lower Upper

119 100

91 72.4 31.6 94.7

134 24.0 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): VN050782.D (-3531) (-)

Ion 91.00 (90.70 to 91.70): VN050782.D (-3531) (-)

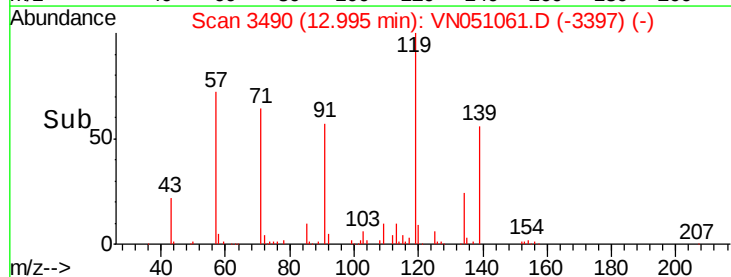
Ion 134.00 (133.70 to 134.70): VN050782.D (-3531) (-)

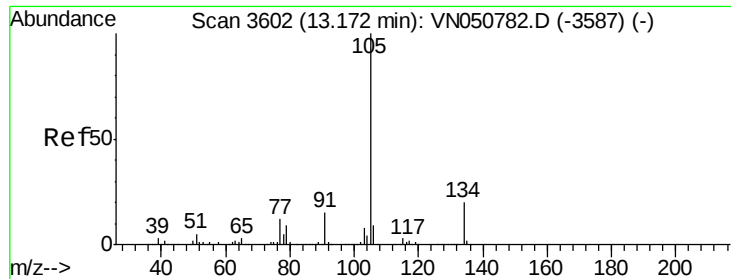
100000

50000

0

Time-->





#85

sec-Butylbenzene

Concen: 34.523 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051061.D

Acq: 7 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

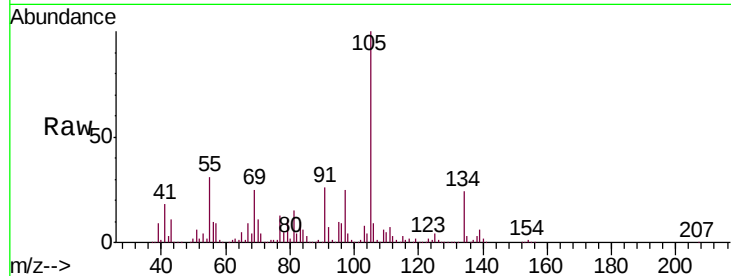
EP1-MW-C(10-15)DL

Tgt Ion:105 Resp: 1174897

Ion Ratio Lower Upper

105 100

134 37.0 10.3 30.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

800000

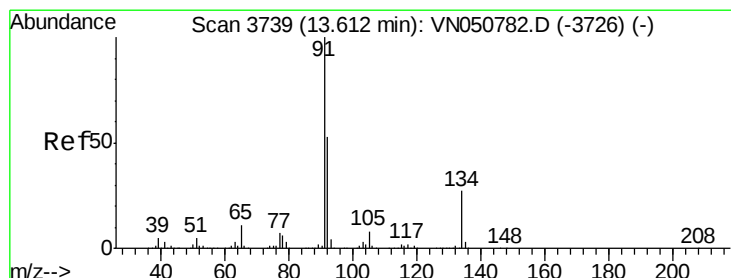
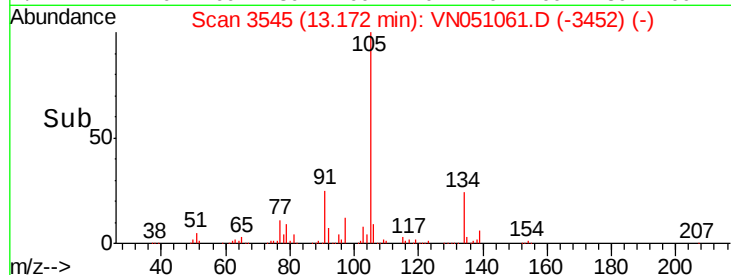
600000

400000

200000

0

Time-->



#89

n-Butylbenzene

Concen: 30.836 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051061.D

Acq: 7 Sep 2018 18:19

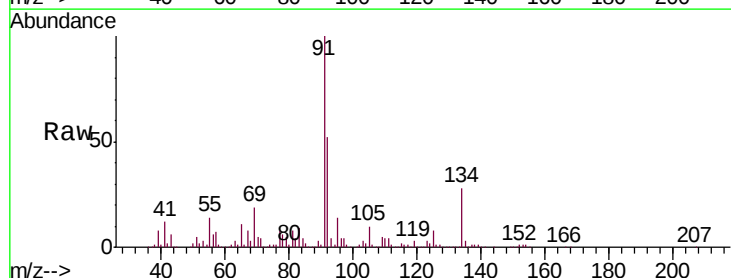
Tgt Ion: 91 Resp: 715155

Ion Ratio Lower Upper

91 100

92 49.7 26.1 78.2

134 38.8 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

600000

500000

400000

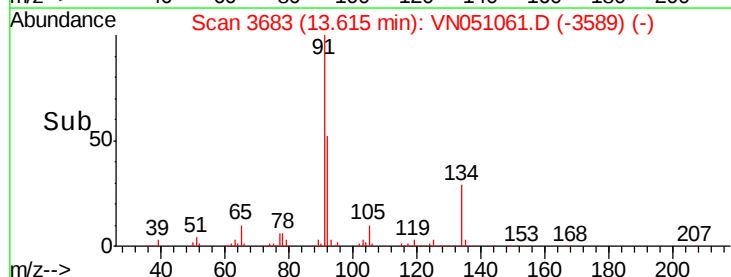
300000

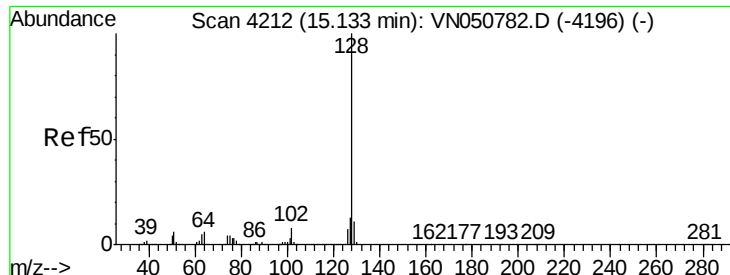
200000

100000

0

Time-->





#95

Naphthalene

Concen: 7.514 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051061.D

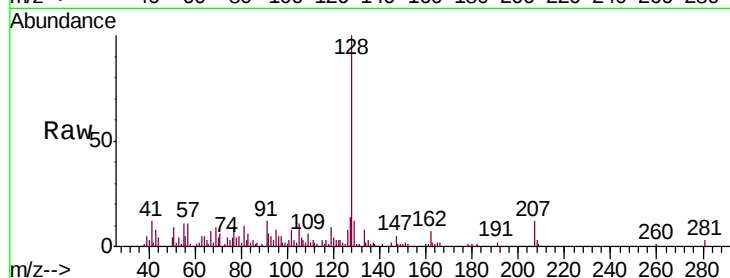
Acq: 7 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(10-15)DL



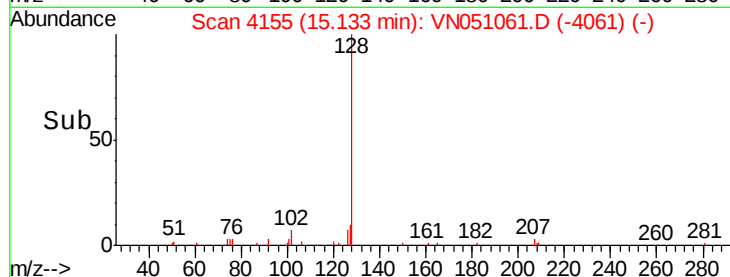
Tgt Ion:128 Resp: 42512

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.3 8.7 13.1



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

