

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091018\
 Data File : VN051081.D
 Acq On : 10 Sep 2018 16:34
 Operator : MD\SY
 Sample : J4693-08DL 100X
 Misc : 5.90µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(7-10)DL

Quant Time: Sep 11 13:46:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	670553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1002197	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	921994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	378123	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	387068	51.87	ug/l	0.00
Spiked Amount			Recovery	=	103.74%	
35) Dibromofluoromethane	7.59	113	381806	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
50) Toluene-d8	10.09	98	1417426	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.40	95	461690	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	

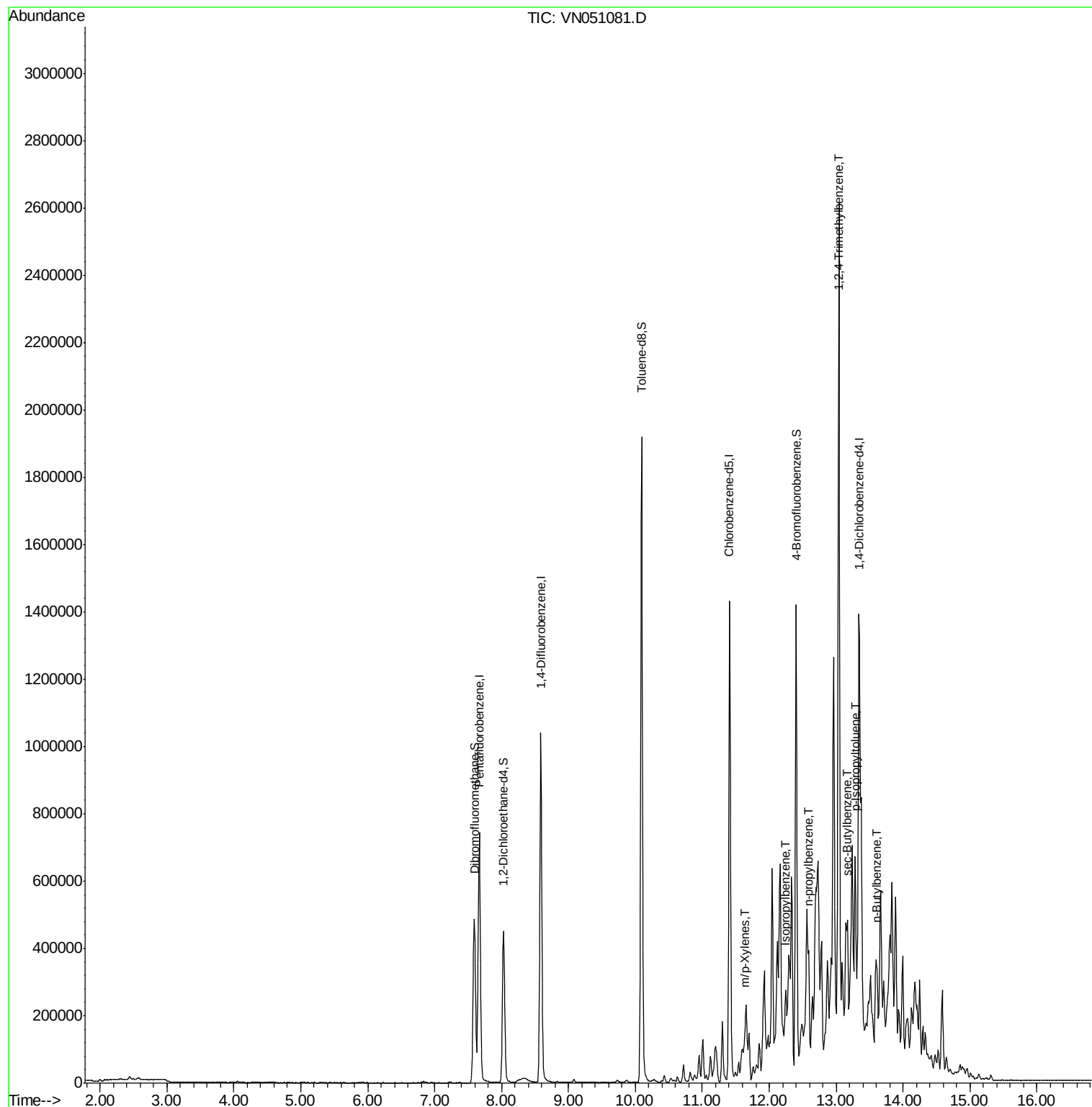
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
68) m/p-Xylenes	11.63	106	26316	1.82	ug/l	94
73) Isopropylbenzene	12.25	105	97937	3.09	ug/l	98
78) n-propylbenzene	12.59	91	247017	7.09	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1388270	55.07	ug/l	100
85) sec-Butylbenzene	13.17	105	143846	4.96	ug/l	78
86) p-Isopropyltoluene	13.29	119	131742	5.35	ug/l	99
89) n-Butylbenzene	13.62	91	116226	6.07	ug/l #	77

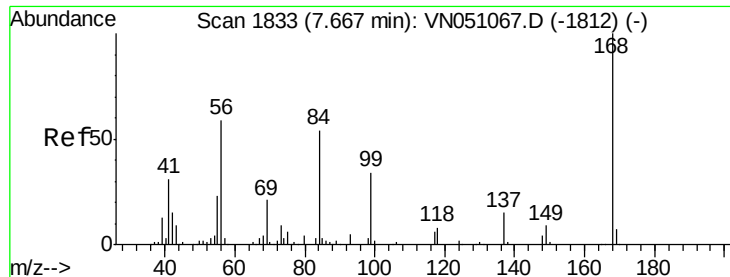
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091018\
Data File : VN051081.D
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Sample : J4693-08DL 100X
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(7-10)DL

Quant Time: Sep 11 13:46:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

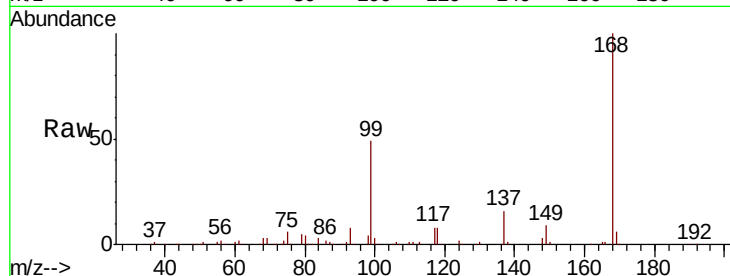
EP1-MW-C(7-10)DL

Tot Ion:168 Resp: 670553

Ion Ratio Lower Upper

168 100

99 49.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051067.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051067.D (-1812) (-)

7.67

300000

250000

200000

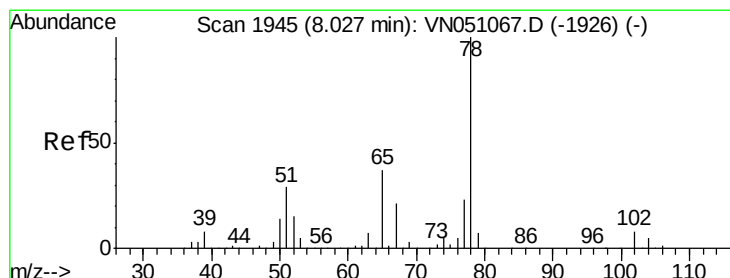
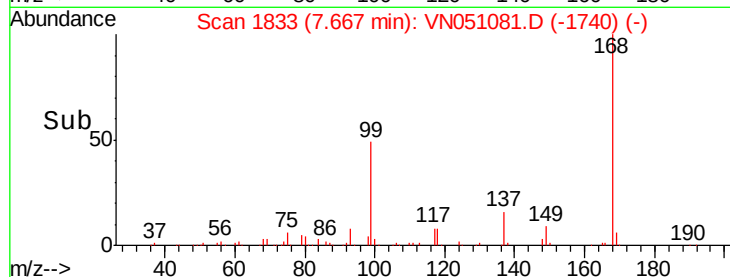
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.87 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN051081.D

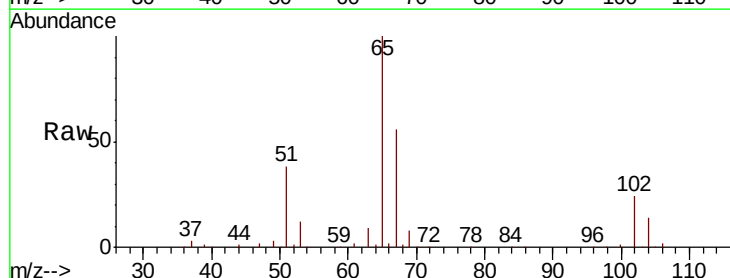
Acq: 10 Sep 2018 16:34

Tgt Ion: 65 Resp: 387068

Ion Ratio Lower Upper

65 100

67 54.6 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN051067.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN051067.D (-1926) (-)

8.03

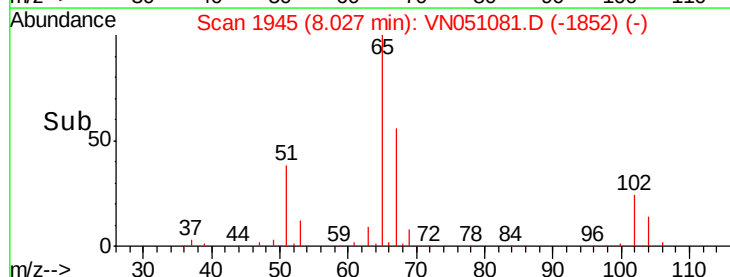
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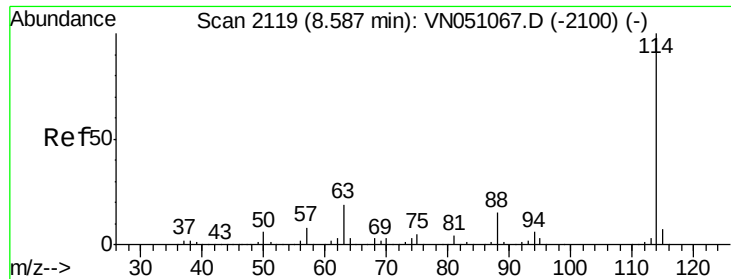
100000

50000

0

Time-->

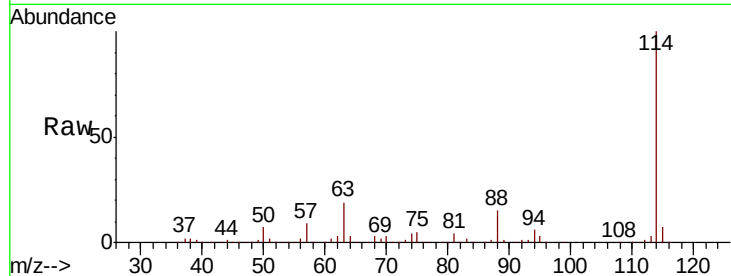




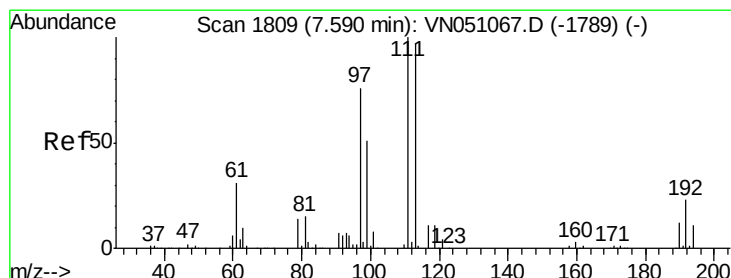
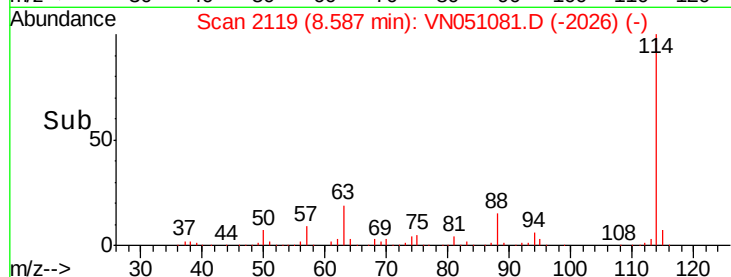
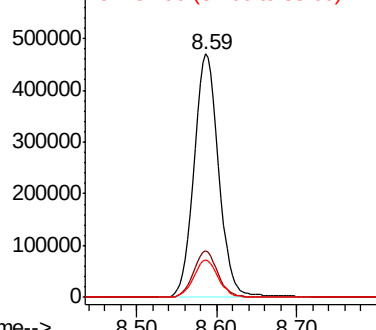
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051081.D
Acq: 10 Sep 2018 16:34

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(7-10)DL

Tot Ion:114 Resp: 1002197
Ion Ratio Lower Upper
114 100
63 19.0 0.0 37.8
88 15.3 0.0 30.8

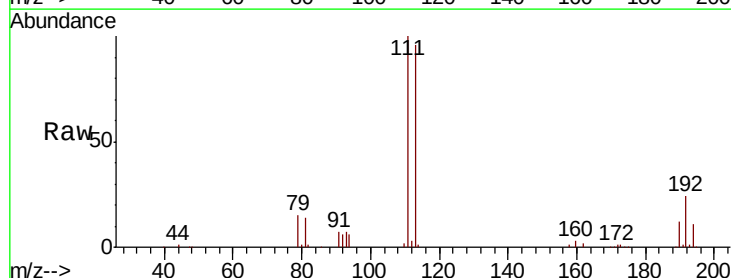


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

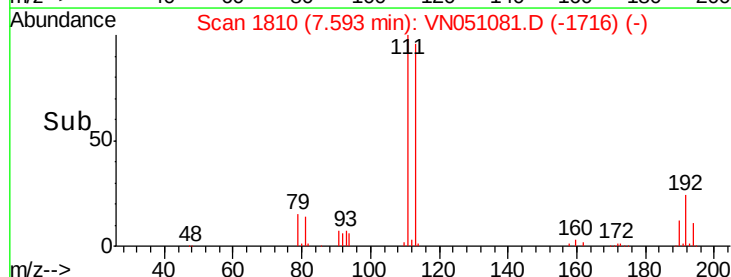
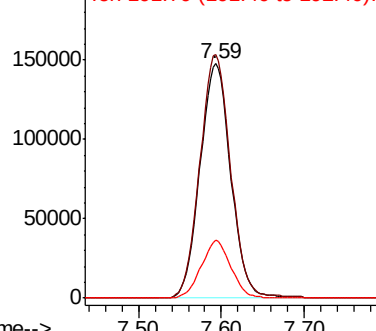


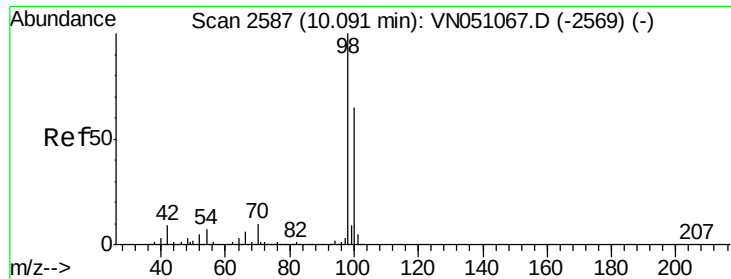
#35
Dibromofluoromethane
Concen: 50.70 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051081.D
Acq: 10 Sep 2018 16:34

Tgt Ion:113 Resp: 381806
Ion Ratio Lower Upper
113 100
111 103.9 83.0 124.6
192 23.6 18.7 28.1



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: 49.60 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

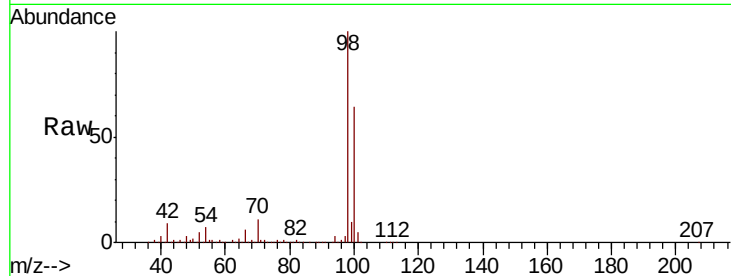
EP1-MW-C(7-10)DL

Tot Ion: 98 Resp: 1417426

Ion Ratio Lower Upper

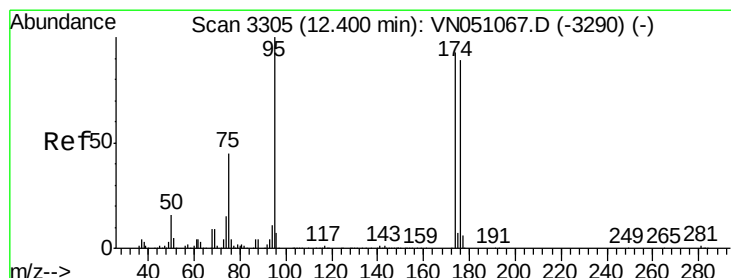
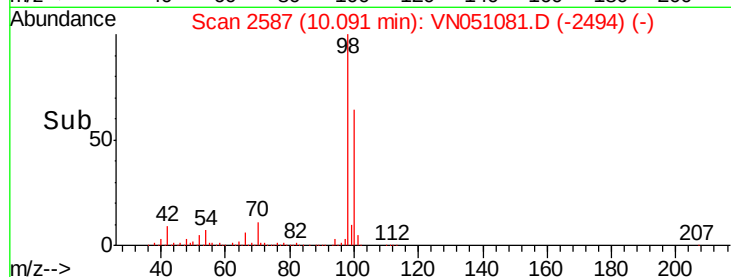
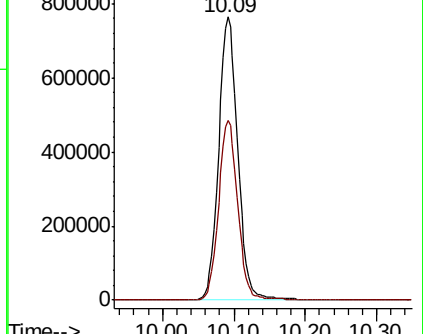
98 100

100 63.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 48.84 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

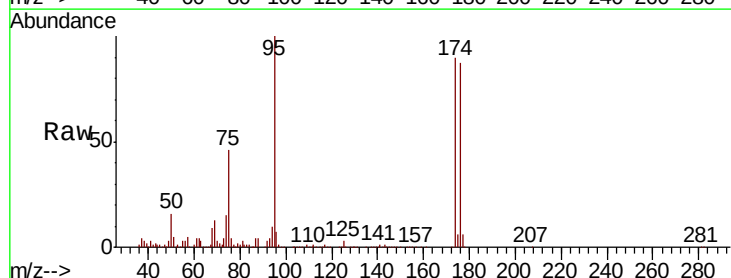
Tgt Ion: 95 Resp: 461690

Ion Ratio Lower Upper

95 100

174 91.9 0.0 184.8

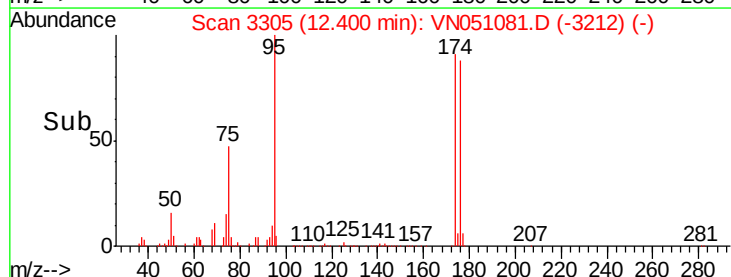
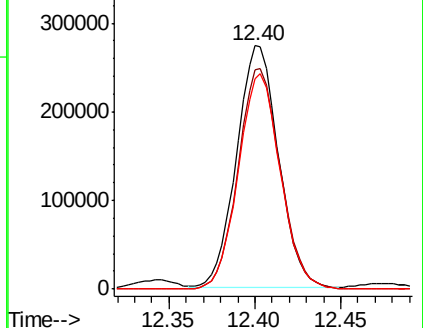
176 89.1 0.0 178.6

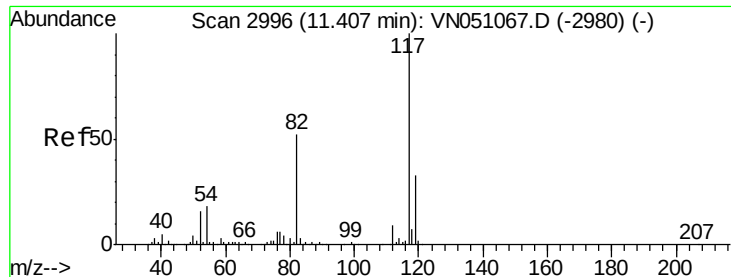


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

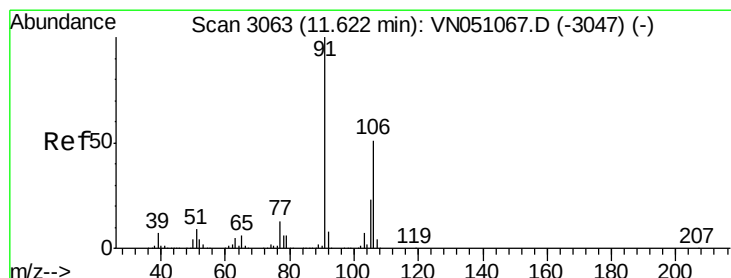
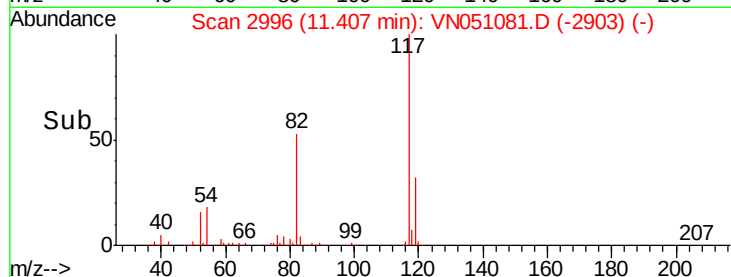
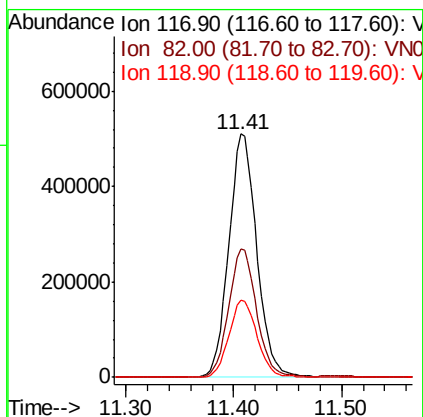
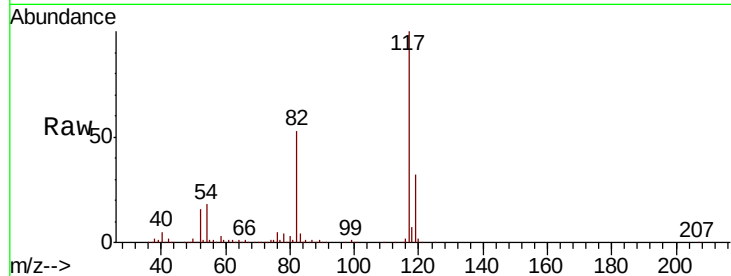




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051081.D
Acq: 10 Sep 2018 16:34

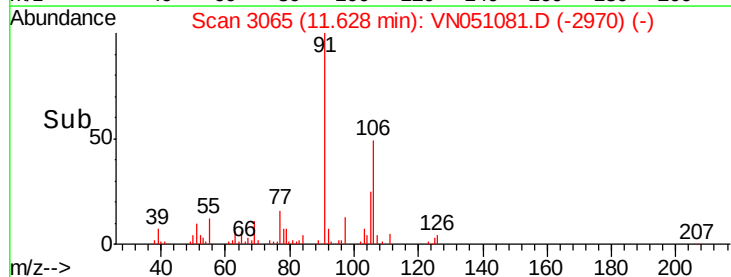
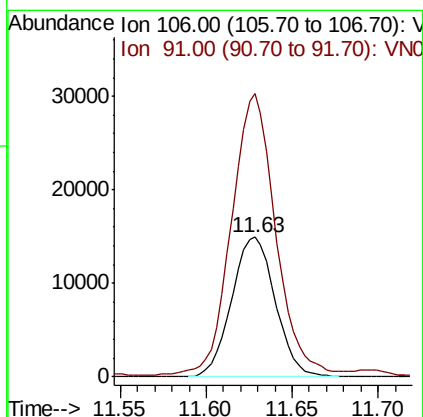
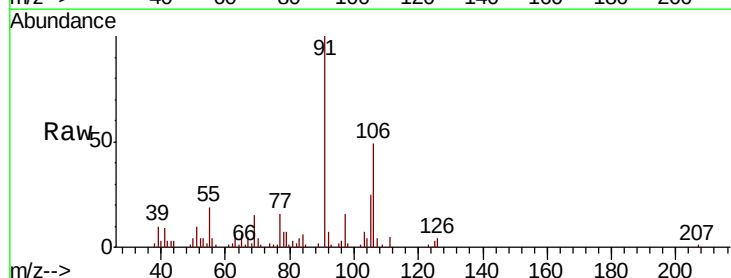
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(7-10)DL

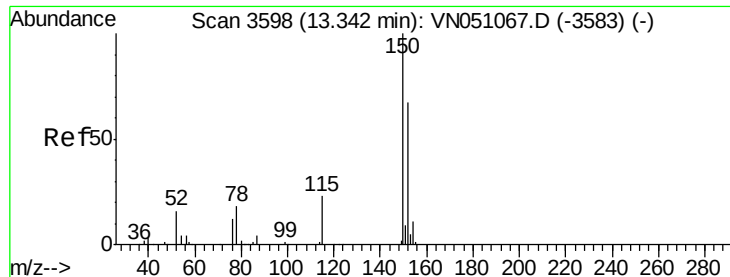
Tot Ion:117 Resp: 921994
Ion Ratio Lower Upper
117 100
82 52.5 41.8 62.6
119 31.8 26.2 39.2



#68
m/p-Xylenes
Concen: 1.82 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN051081.D
Acq: 10 Sep 2018 16:34

Tgt Ion:106 Resp: 26316
Ion Ratio Lower Upper
106 100
91 208.6 159.8 239.6

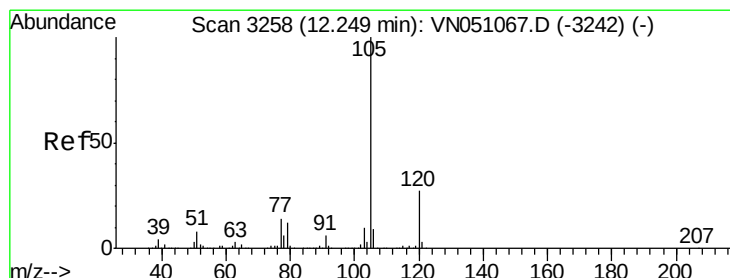
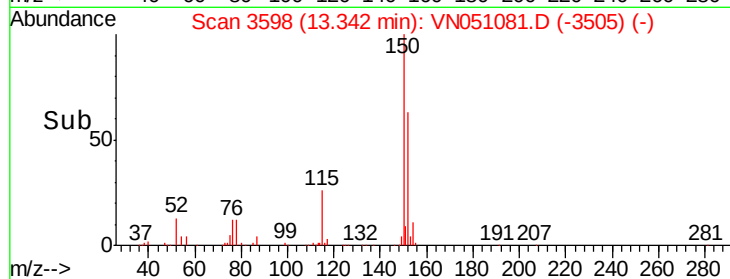
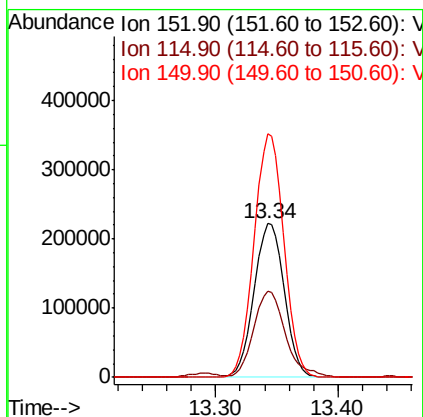
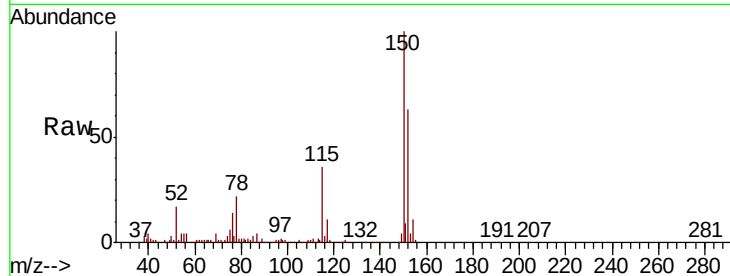




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN051081.D
 Acq: 10 Sep 2018 16:34

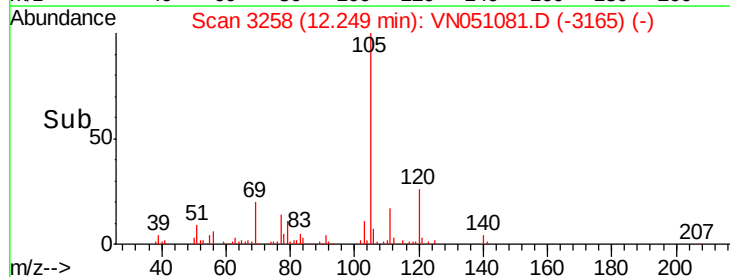
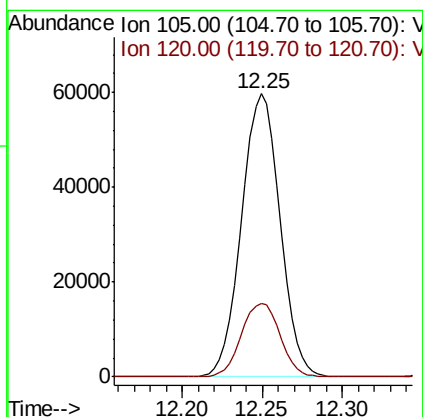
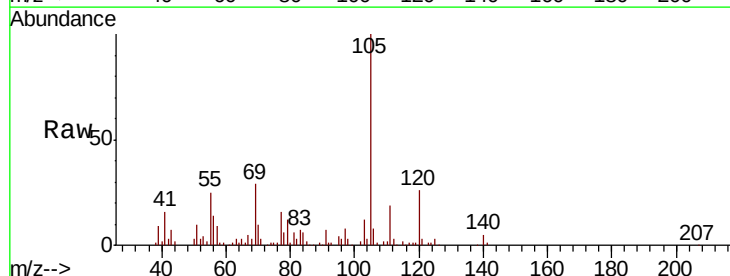
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(7-10)DL

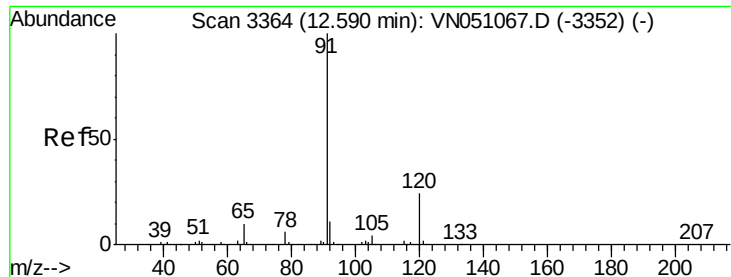
Tot Ion:152 Resp: 378123
 Ion Ratio Lower Upper
 152 100
 115 59.4 28.2 84.7
 150 156.3 0.0 349.0



#73
 Isopropylbenzene
 Concen: 3.09 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. 0.00 min
 Lab File: VN051081.D
 Acq: 10 Sep 2018 16:34

Tgt Ion:105 Resp: 97937
 Ion Ratio Lower Upper
 105 100
 120 26.1 13.6 40.7





#78

n-propylbenzene

Concen: 7.09 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

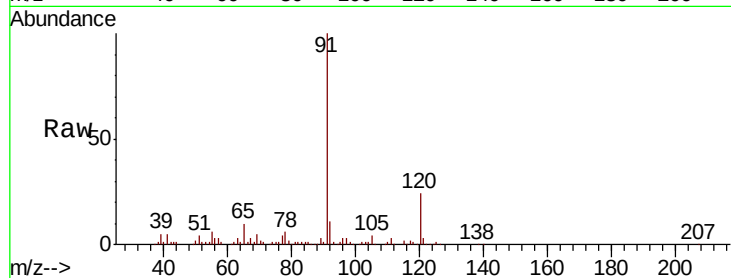
EP1-MW-C(7-10)DL

Tot Ion: 91 Resp: 247017

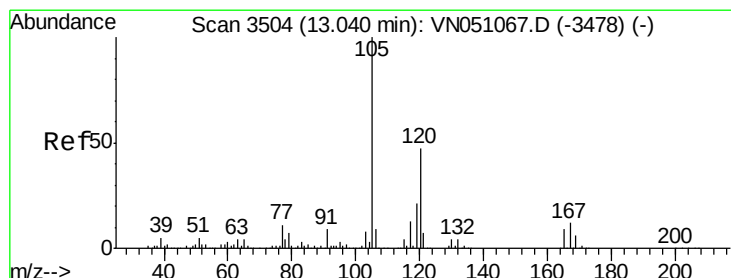
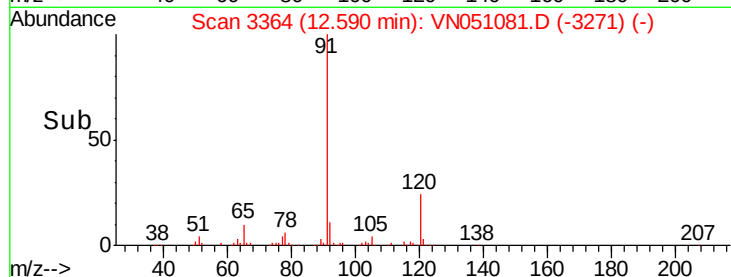
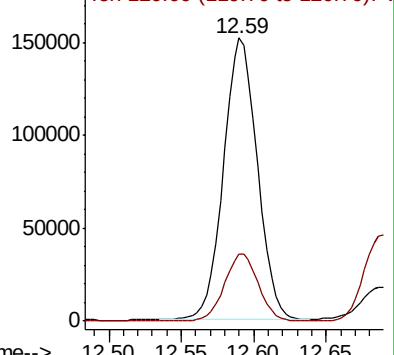
Ion Ratio Lower Upper

91 100

120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3352) (-)



#84

1,2,4-Trimethylbenzene

Concen: 55.07 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051081.D

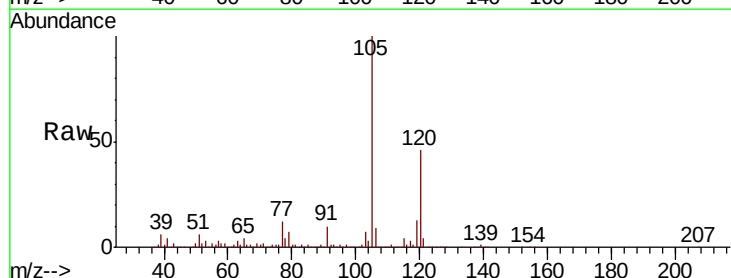
Acq: 10 Sep 2018 16:34

Tgt Ion:105 Resp: 1388270

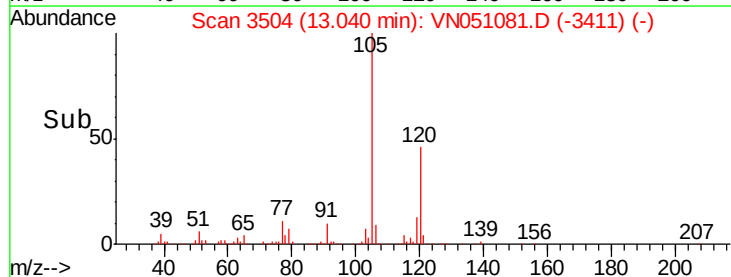
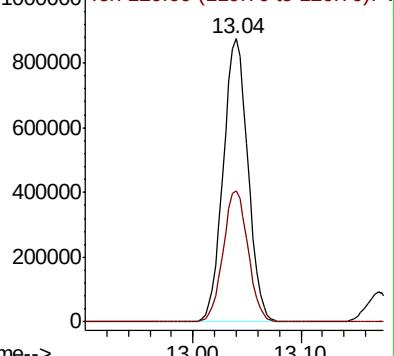
Ion Ratio Lower Upper

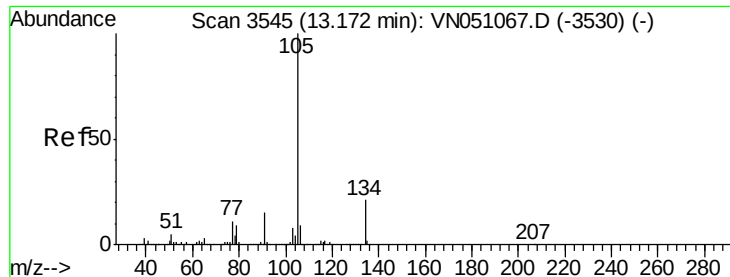
105 100

120 46.6 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): VN051067.D (-3478) (-)





#85

sec-Butylbenzene

Concen: 4.96 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

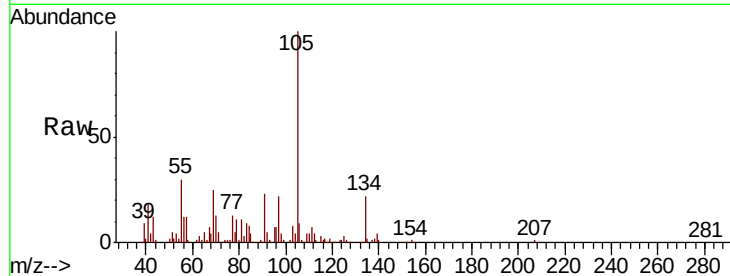
EP1-MW-C(7-10)DL

Tot Ion:105 Resp: 143846

Ion Ratio Lower Upper

105 100

134 31.0 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

100000

80000

60000

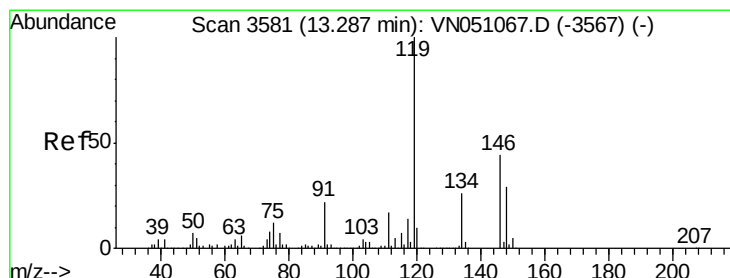
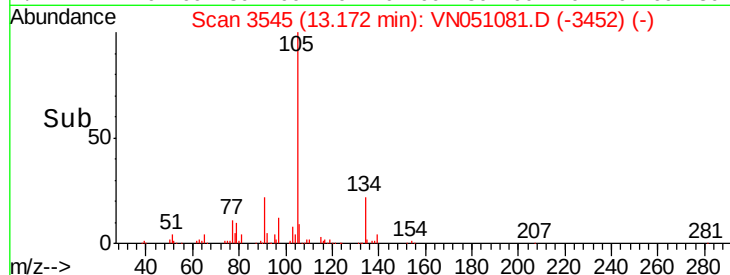
40000

20000

0

Time-->

13.10 13.15 13.20 13.25



#86

p-Isopropyltoluene

Concen: 5.35 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

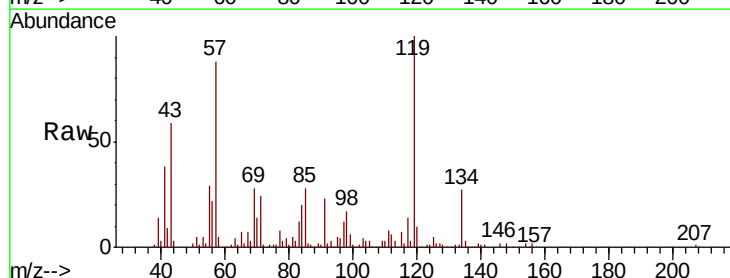
Tgt Ion:119 Resp: 131742

Ion Ratio Lower Upper

119 100

134 27.7 13.5 40.4

91 22.5 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

100000

80000

60000

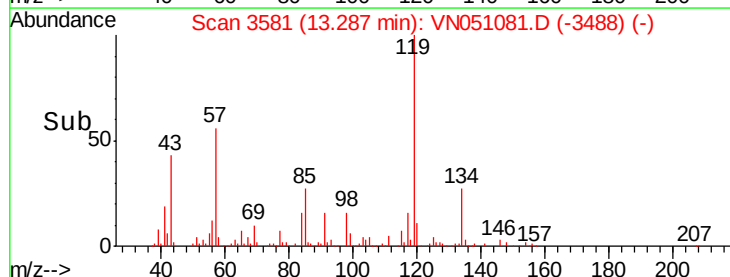
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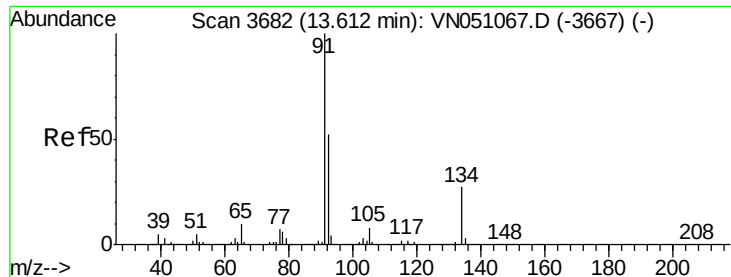
20000

0

Time-->

13.25 13.30 13.35





#89
 n-Butylbenzene
 Concen: 6.07 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN051081.D
 Acq: 10 Sep 2018 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(7-10)DL

Tot Ion	Ratio	Lower	Upper
91	100		
92	48.0	26.2	78.6
134	56.3	13.7	41.1#

