

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051128.D
 Acq On : 11 Sep 2018 15:37
 Operator : MD\SY
 Sample : J4849-11DL 25X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FDDL

Quant Time: Sep 12 09:47:52 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	671194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1022835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	888997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	360881	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	392751	52.58	ug/l	0.00
Spiked Amount			Recovery	=	105.16%	
35) Dibromofluoromethane	7.59	113	382737	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
50) Toluene-d8	10.09	98	1415991	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.40	95	432460	44.83	ug/l	0.00
Spiked Amount			Recovery	=	89.66%	

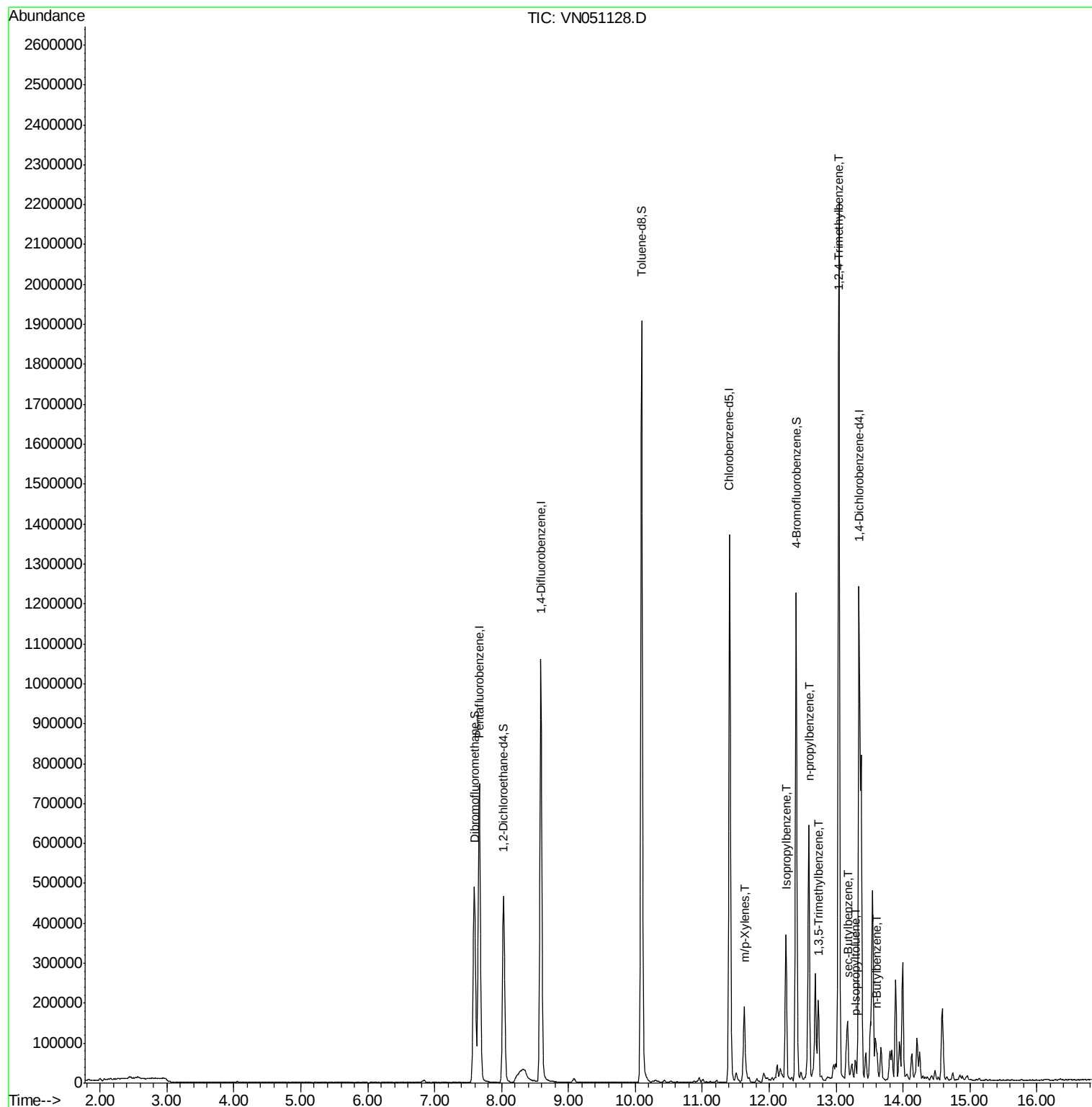
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
68) m/p-Xylenes	11.63	106	58061	4.16	ug/l	96
73) Isopropylbenzene	12.25	105	241983	8.00	ug/l	99
78) n-propylbenzene	12.59	91	529814	15.93	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	100397	4.10	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1277971	53.12	ug/l	100
85) sec-Butylbenzene	13.17	105	92861	3.35	ug/l #	77
86) p-Isopropyltoluene	13.29	119	25794	1.10	ug/l	96
89) n-Butylbenzene	13.62	91	39615	2.17	ug/l #	75

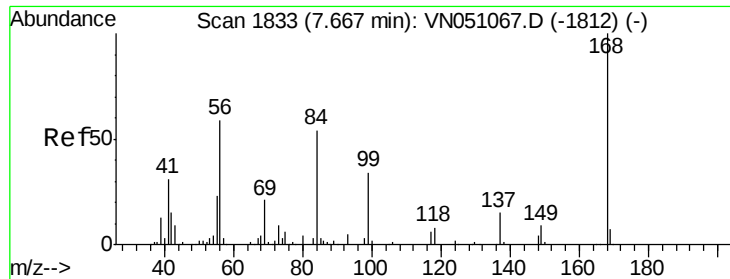
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051128.D

Acq: 11 Sep 2018 15:37

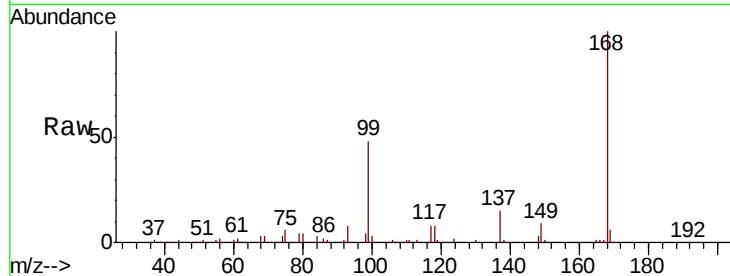
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FDDL

Tot Ion:168 Resp: 671194

Ion Ratio Lower Upper

168 100

99 48.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

250000

200000

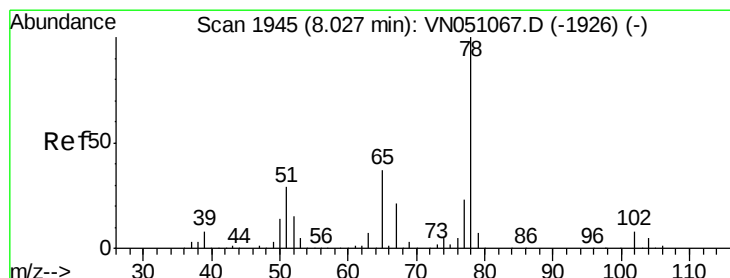
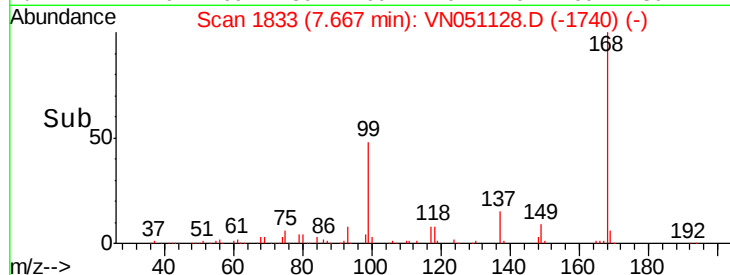
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.58 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051128.D

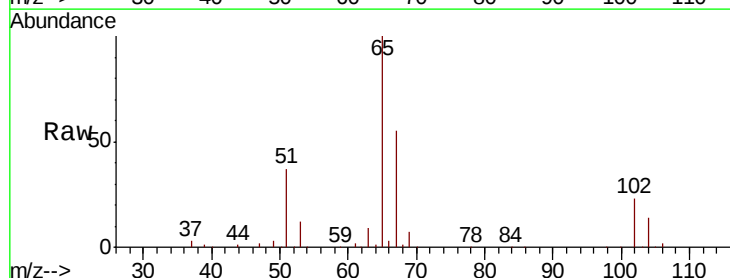
Acq: 11 Sep 2018 15:37

Tgt Ion: 65 Resp: 392751

Ion Ratio Lower Upper

65 100

67 55.4 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

200000

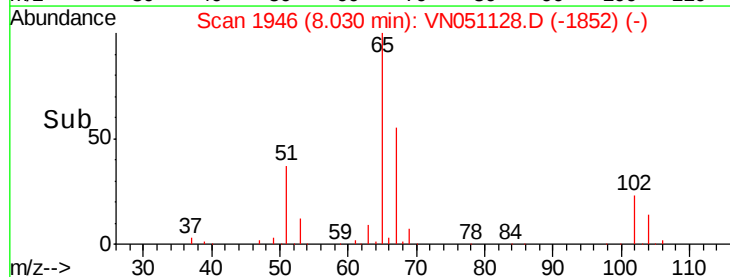
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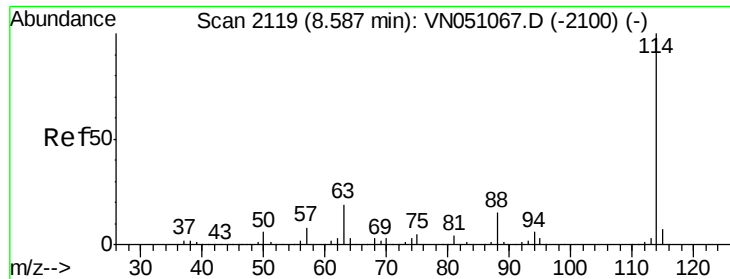
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Time-->

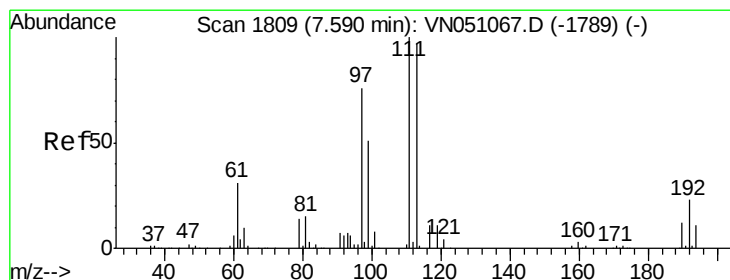
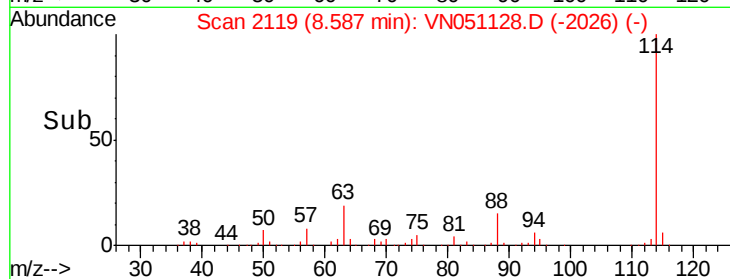
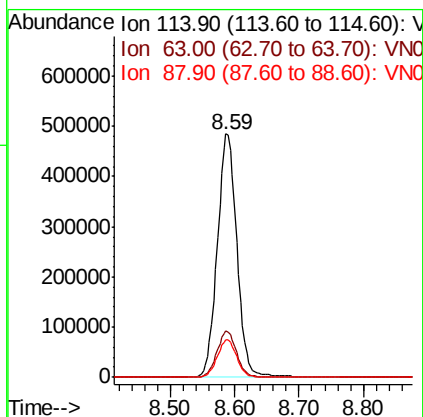
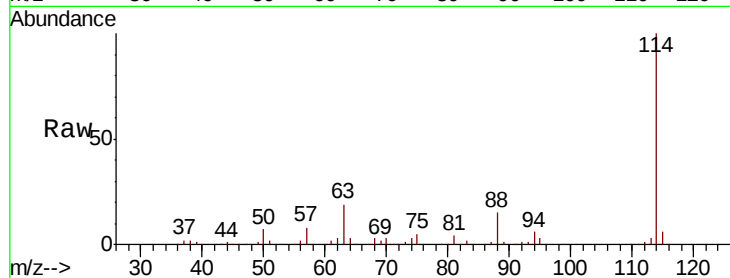




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051128.D
 Acq: 11 Sep 2018 15:37

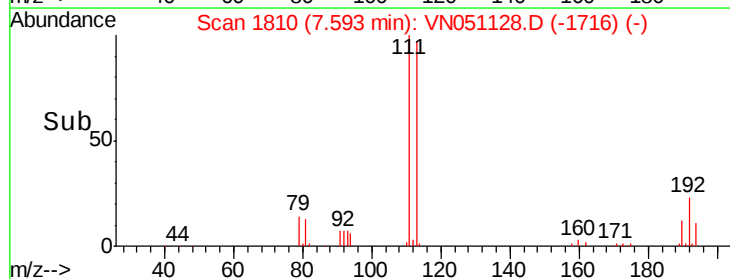
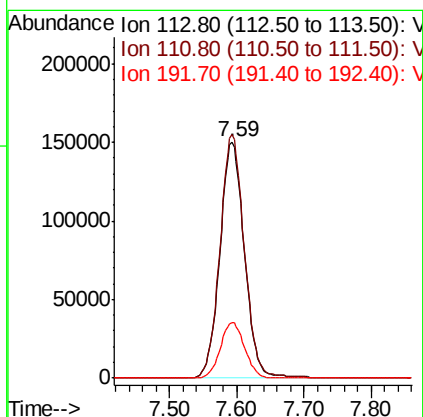
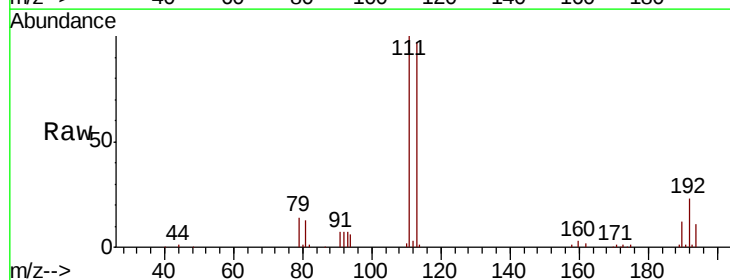
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FDDL

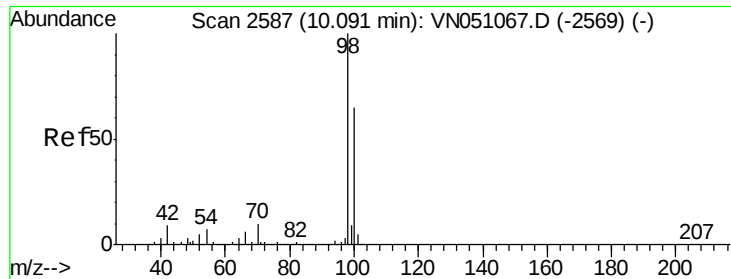
Tot Ion:114 Resp: 1022835
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 15.3 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 49.80 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051128.D
 Acq: 11 Sep 2018 15:37

Tgt Ion:113 Resp: 382737
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.0 124.6
 192 23.4 18.7 28.1





#50

Toluene-d8

Concen: 48.55 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051128.D

Acq: 11 Sep 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

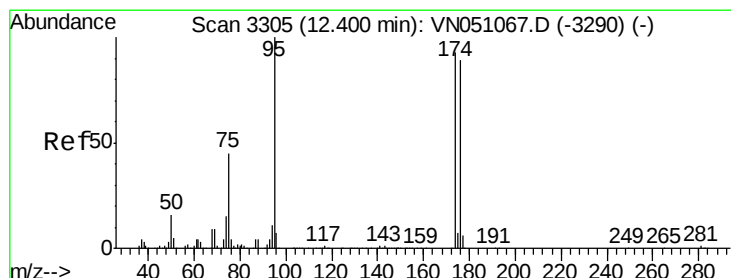
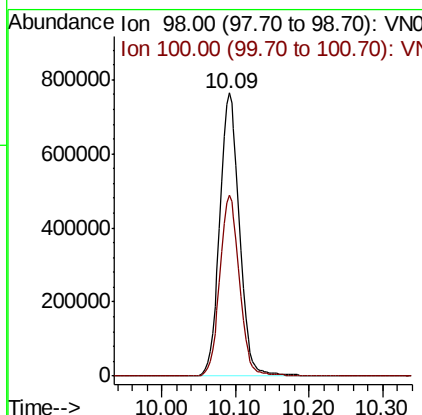
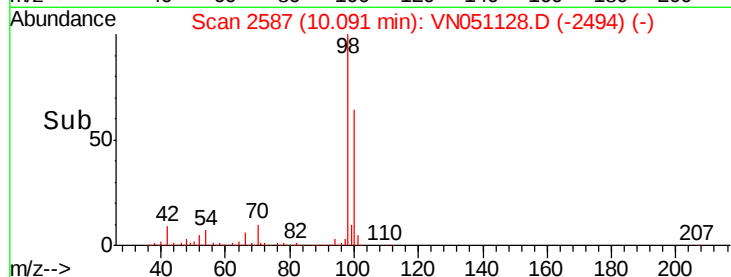
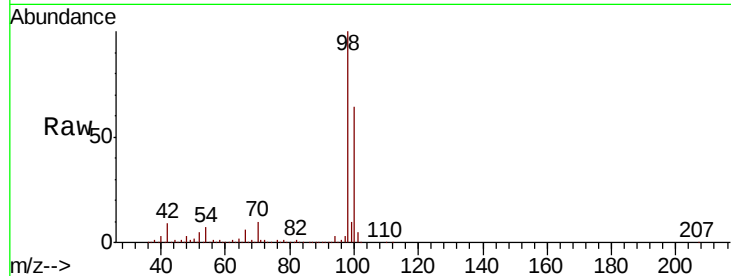
EP1-MW-FDDL

Tot Ion: 98 Resp: 1415991

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.83 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051128.D

Acq: 11 Sep 2018 15:37

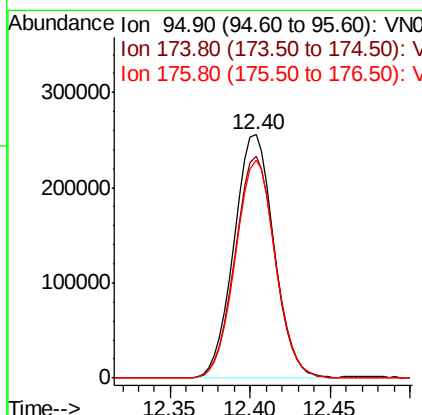
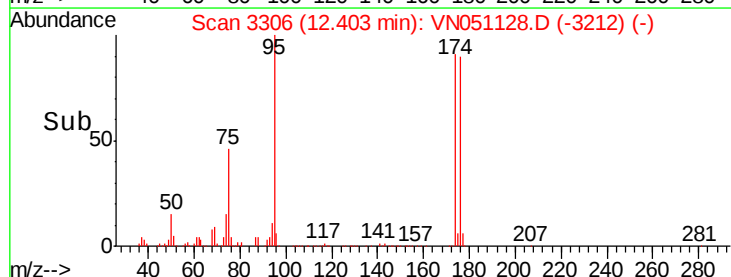
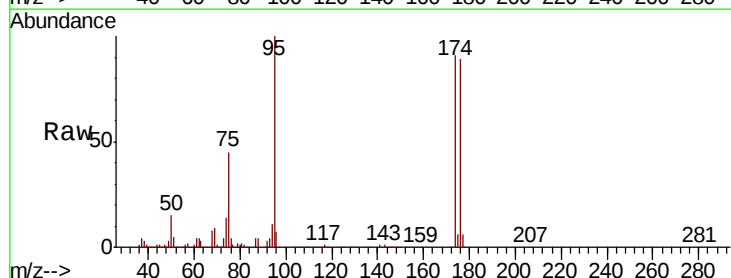
Tgt Ion: 95 Resp: 432460

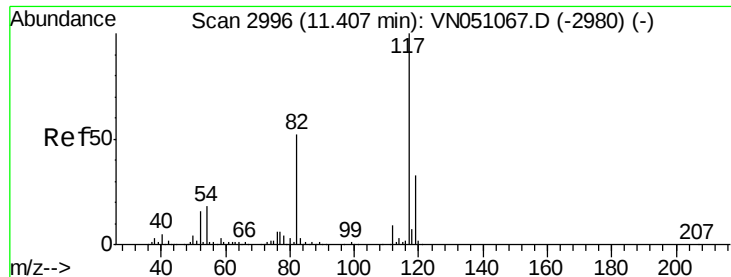
Ion Ratio Lower Upper

95 100

174 91.9 0.0 184.8

176 90.0 0.0 178.6

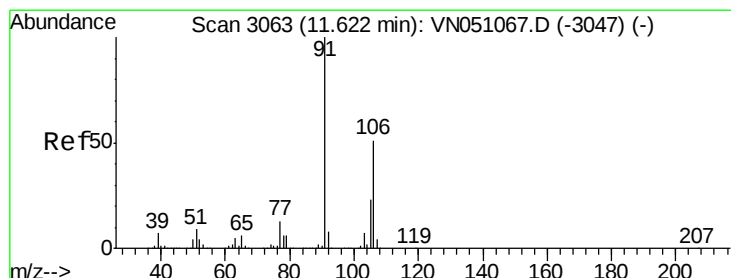
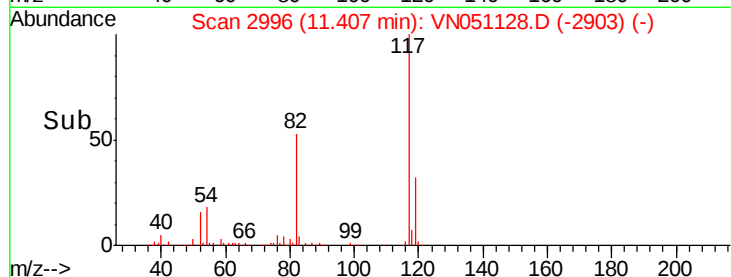
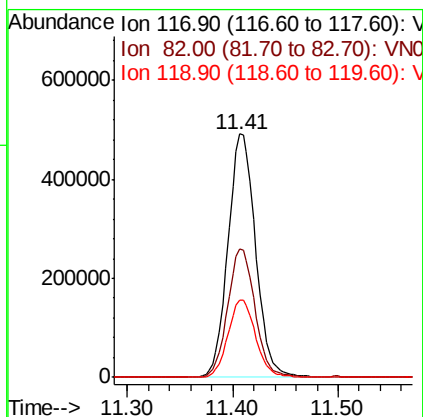
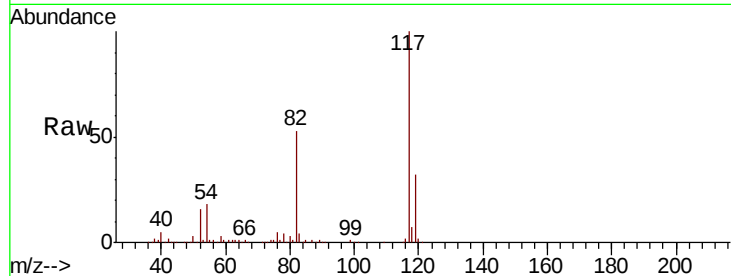




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051128.D
Acq: 11 Sep 2018 15:37

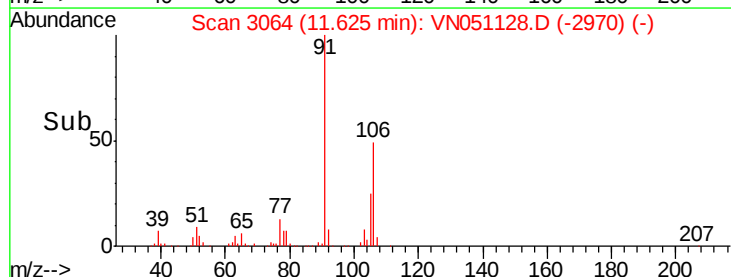
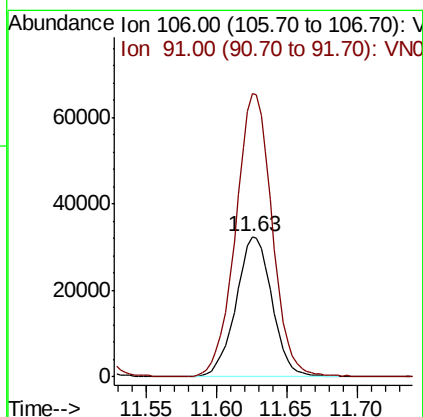
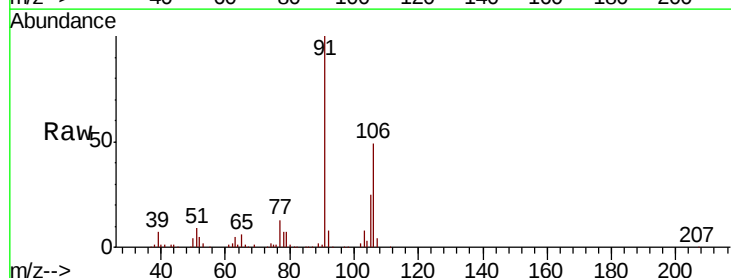
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FDDL

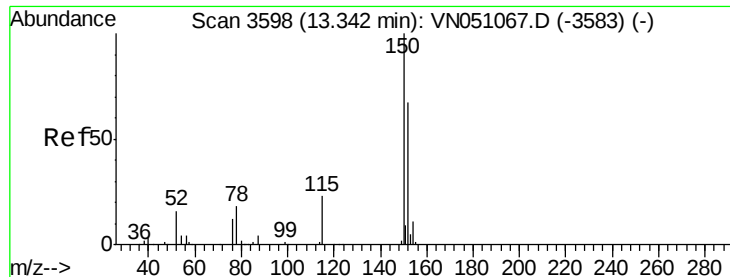
Tot Ion:117 Resp: 888997
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.6
119 32.0 26.2 39.2



#68
m/p-Xylenes
Concen: 4.16 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN051128.D
Acq: 11 Sep 2018 15:37

Tgt Ion:106 Resp: 58061
Ion Ratio Lower Upper
106 100
91 205.2 159.8 239.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051128.D

Acq: 11 Sep 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FDDL

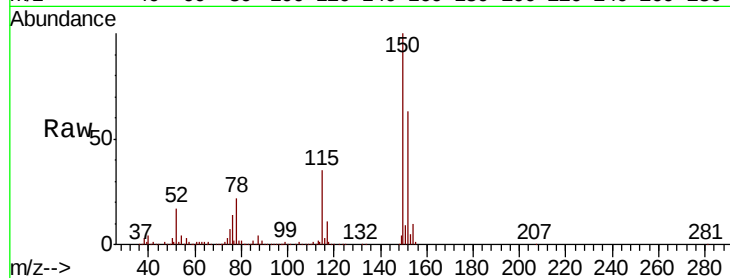
Tot Ion:152 Resp: 360881

Ion Ratio Lower Upper

152 100

115 60.5 28.2 84.7

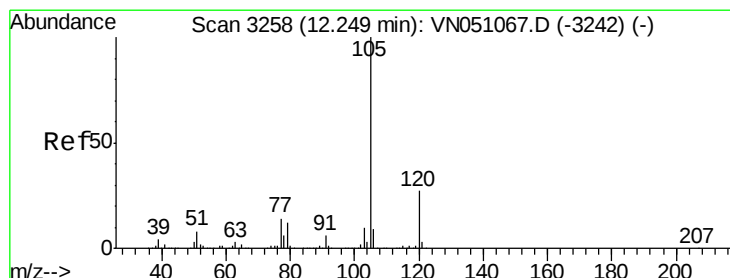
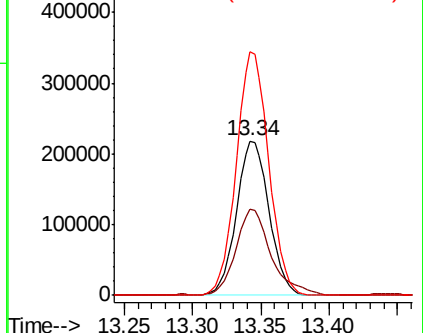
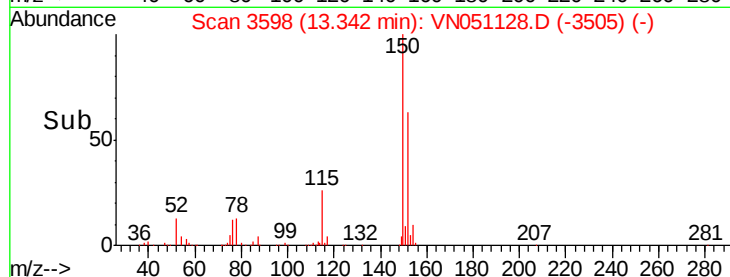
150 156.9 0.0 349.0



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: 8.00 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051128.D

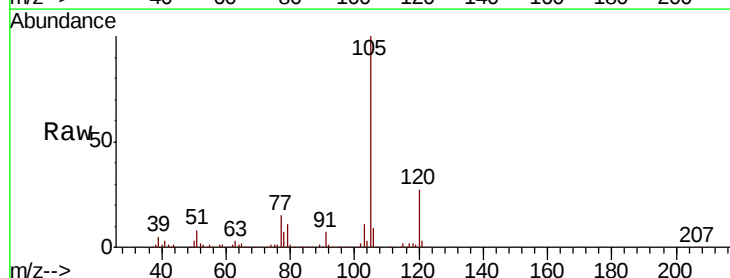
Acq: 11 Sep 2018 15:37

Tgt Ion:105 Resp: 241983

Ion Ratio Lower Upper

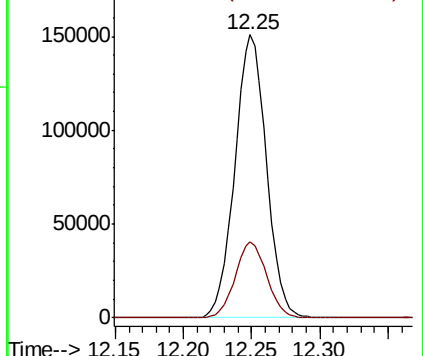
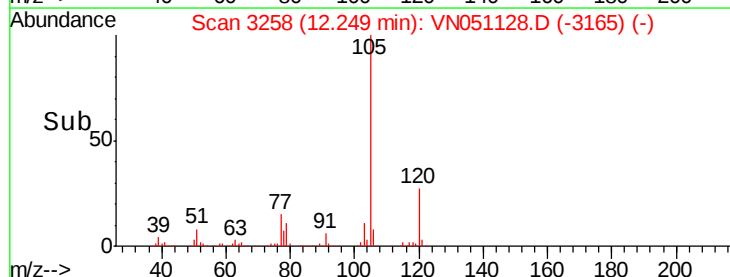
105 100

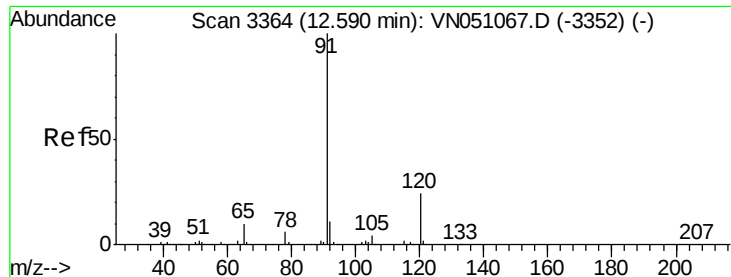
120 26.8 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 15.93 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051128.D

Acq: 11 Sep 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

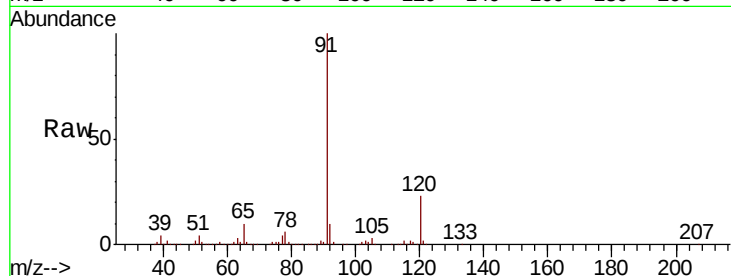
EP1-MW-FDDL

Tot Ion: 91 Resp: 529814

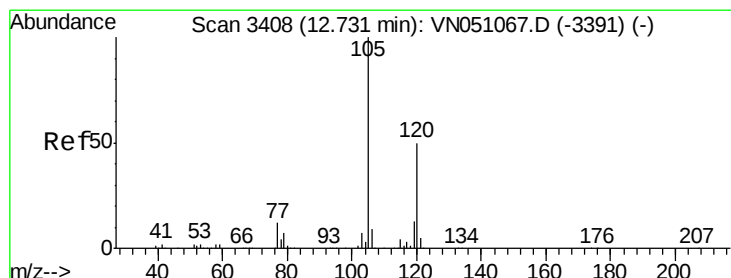
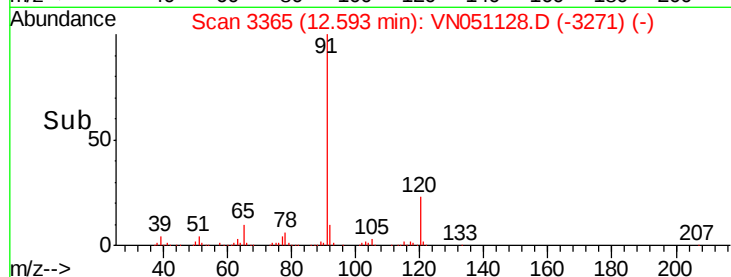
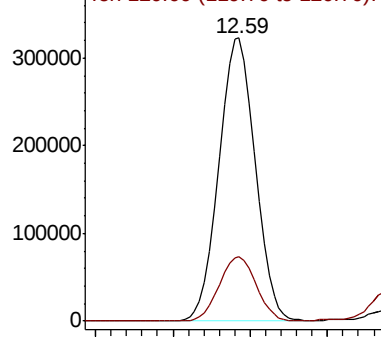
Ion Ratio Lower Upper

91 100

120 23.2 12.0 36.0



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



#80

1,3,5-Trimethylbenzene

Concen: 4.10 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051128.D

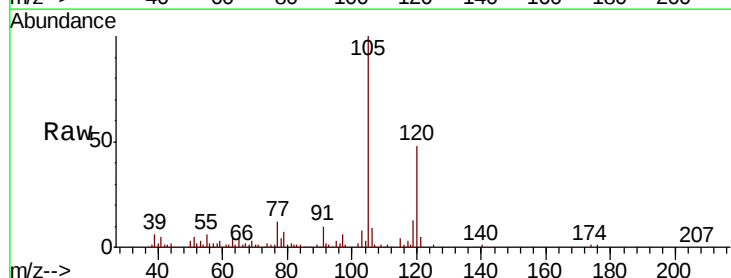
Acq: 11 Sep 2018 15:37

Tgt Ion:105 Resp: 100397

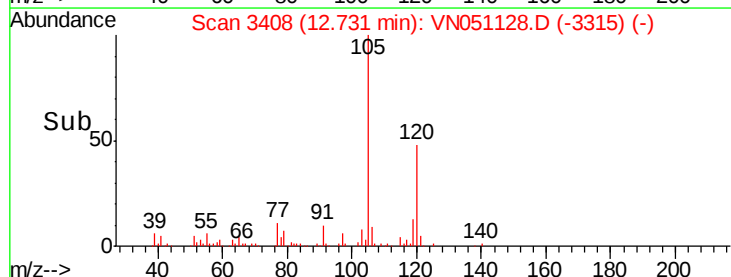
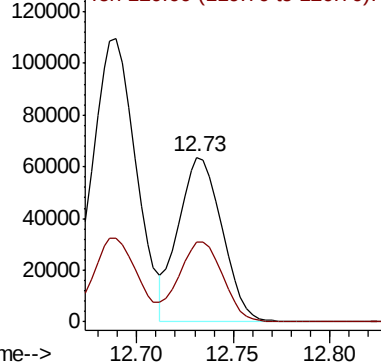
Ion Ratio Lower Upper

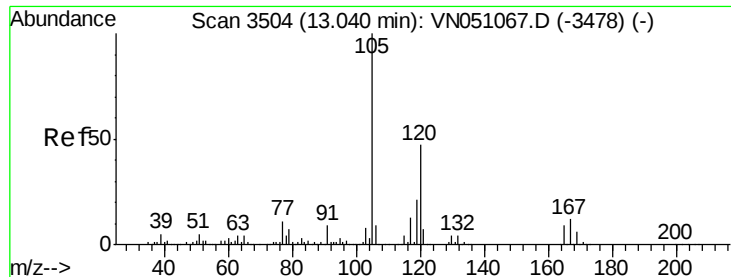
105 100

120 48.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN051067.D (-3391) (-)

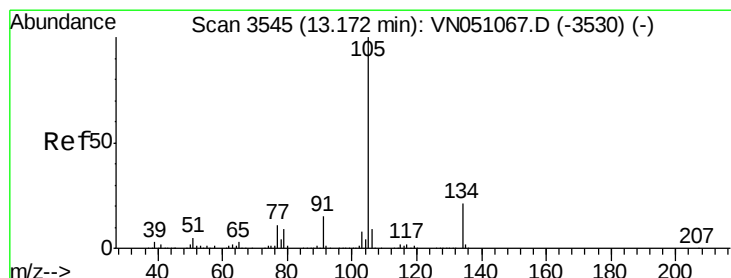
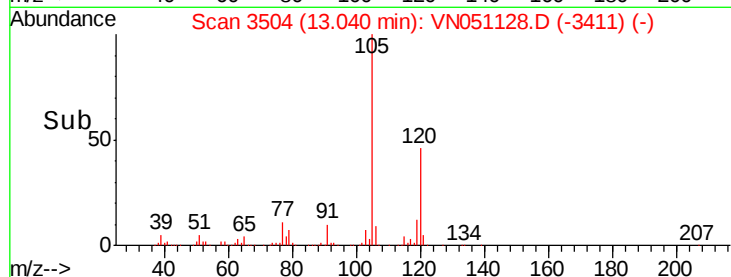
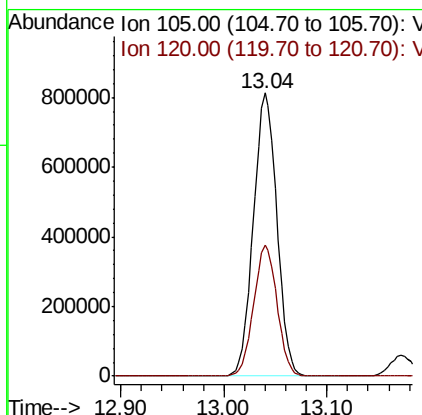
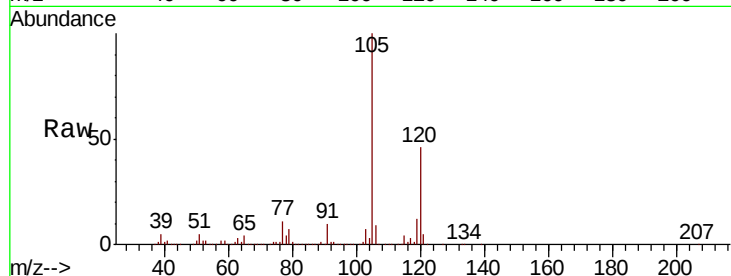




#84
1,2,4-Trimethylbenzene
Concen: 53.12 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051128.D
Acq: 11 Sep 2018 15:37

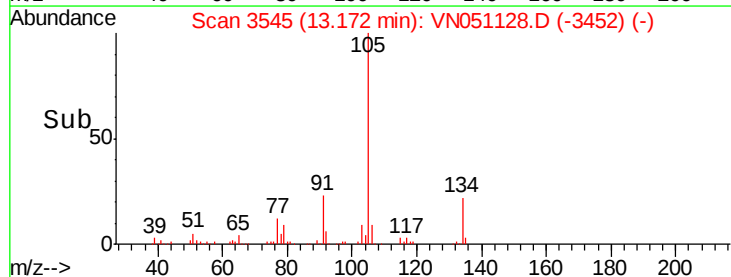
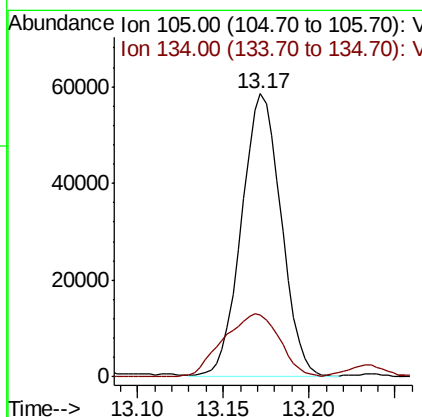
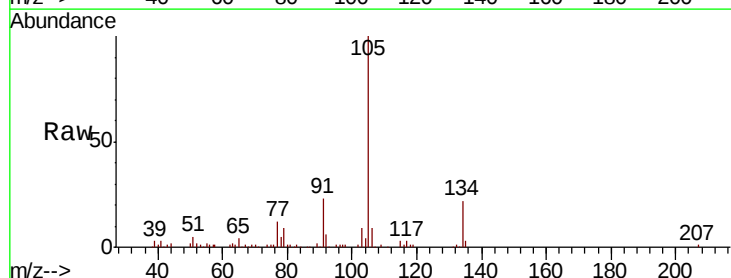
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-FDDL

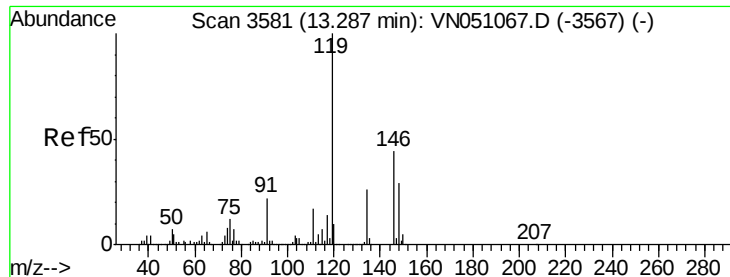
Tot Ion:105 Resp: 1277971
Ion Ratio Lower Upper
105 100
120 46.3 23.3 69.8



#85
sec-Butylbenzene
Concen: 3.35 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN051128.D
Acq: 11 Sep 2018 15:37

Tgt Ion:105 Resp: 92861
Ion Ratio Lower Upper
105 100
134 31.9 10.4 31.4#

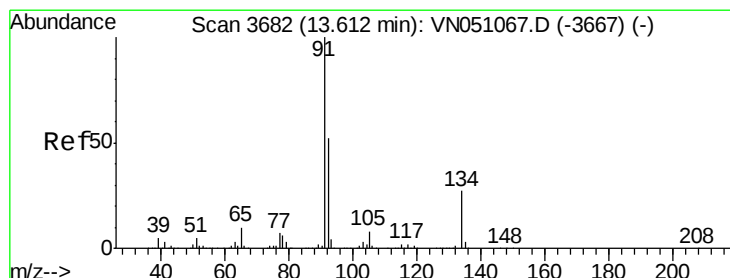
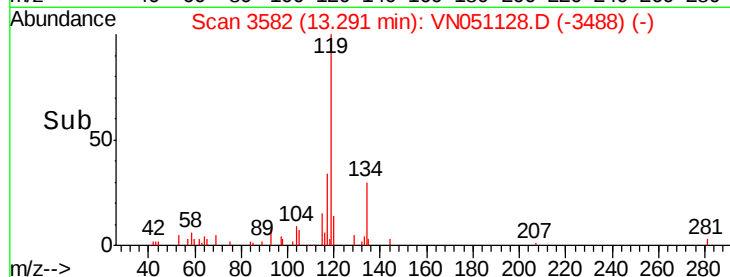
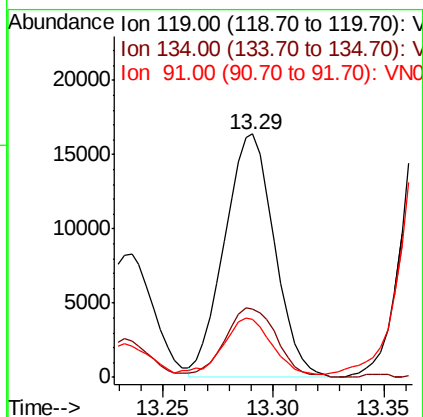
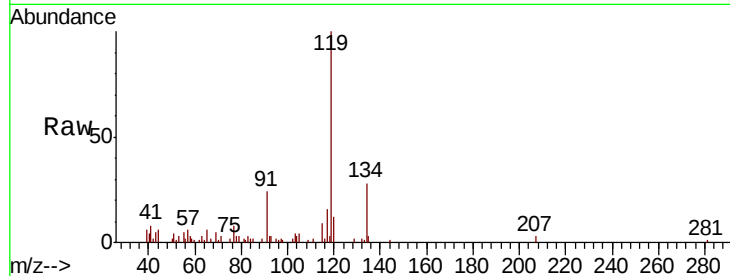




#86
 p-Isopropyltoluene
 Concen: 1.10 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051128.D
 Acq: 11 Sep 2018 15:37

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FDDL

Tot Ion:119 Resp: 25794
 Ion Ratio Lower Upper
 119 100
 134 29.8 13.5 40.4
 91 22.5 10.9 32.9



#89
 n-Butylbenzene
 Concen: 2.17 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN051128.D
 Acq: 11 Sep 2018 15:37

Tgt Ion: 91 Resp: 39615
 Ion Ratio Lower Upper
 91 100
 92 45.1 26.2 78.6
 134 0.0 13.7 41.1#

