

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051127.D
 Acq On : 11 Sep 2018 15:12
 Operator : MD\SY
 Sample : J4849-03DL 25X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-CDL

Quant Time: Sep 12 09:26:43 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	701465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1077937	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	920052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	355239	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	413397	52.96	ug/l	0.00
Spiked Amount						
			Recovery	=	105.92%	
35) Dibromofluoromethane	7.59	113	400244	49.41	ug/l	0.00
Spiked Amount						
			Recovery	=	98.82%	
50) Toluene-d8	10.09	98	1485260	48.32	ug/l	0.00
Spiked Amount						
			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.40	95	436813	42.96	ug/l	0.00
Spiked Amount						
			Recovery	=	85.92%	

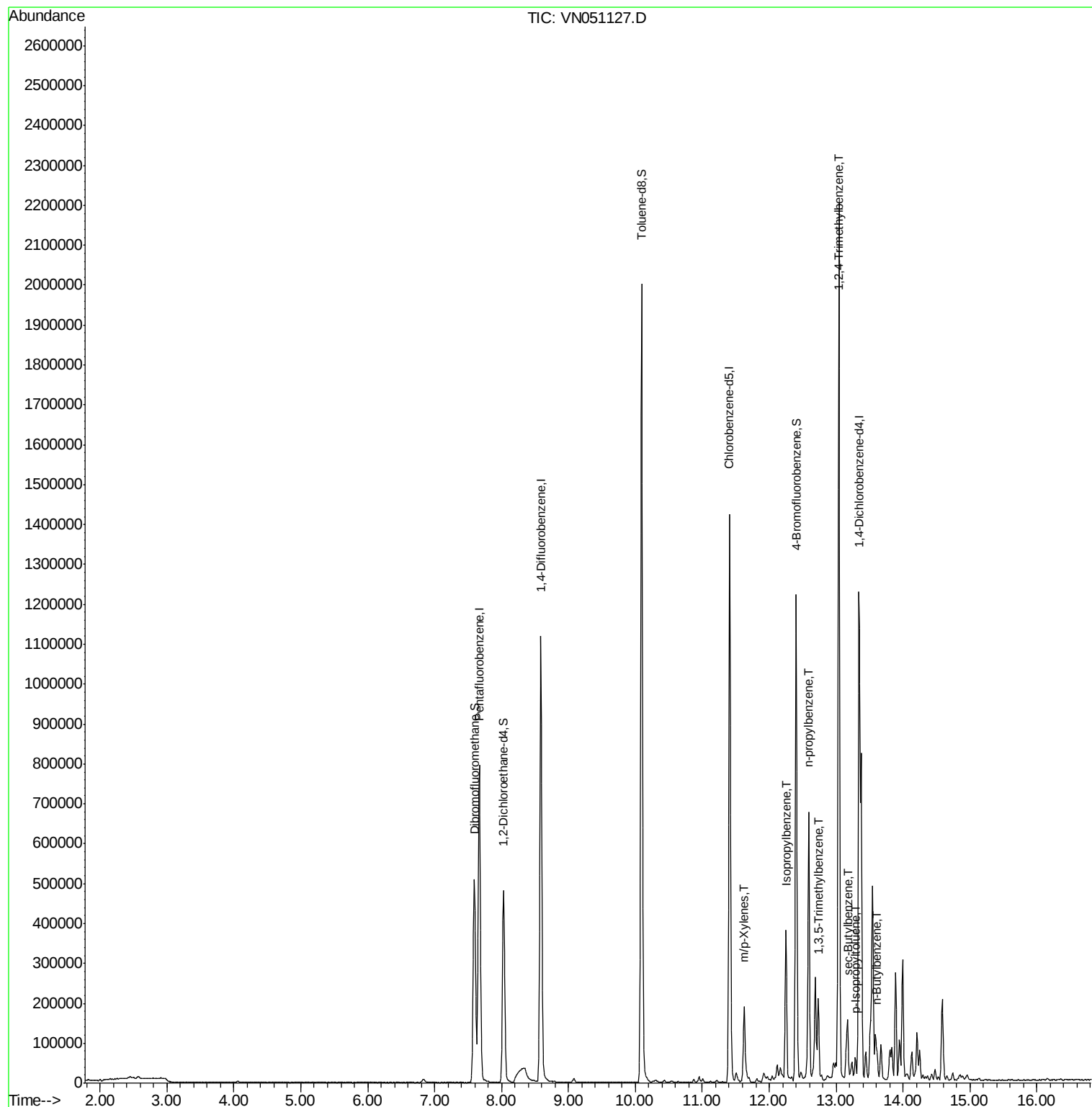
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
68) m/p-Xylenes	11.63	106	58009	4.02	ug/l	96
73) Isopropylbenzene	12.25	105	251472	8.44	ug/l	99
78) n-propylbenzene	12.59	91	548130	16.74	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	99752	4.14	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1281487	54.11	ug/l	100
85) sec-Butylbenzene	13.17	105	94097	3.45	ug/l #	77
86) p-Isopropyltoluene	13.29	119	27837	1.20	ug/l	97
89) n-Butylbenzene	13.61	91	44056	2.45	ug/l #	74

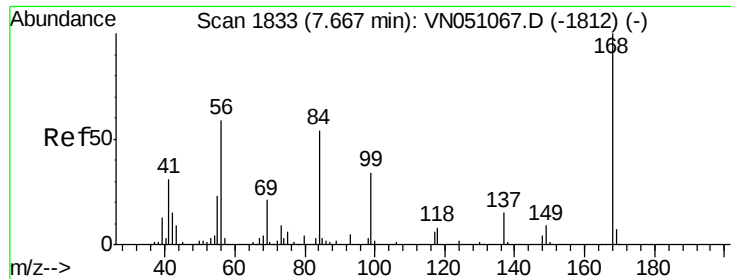
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
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Quant Time: Sep 12 09:26:43 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051127.D

Acq: 11 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

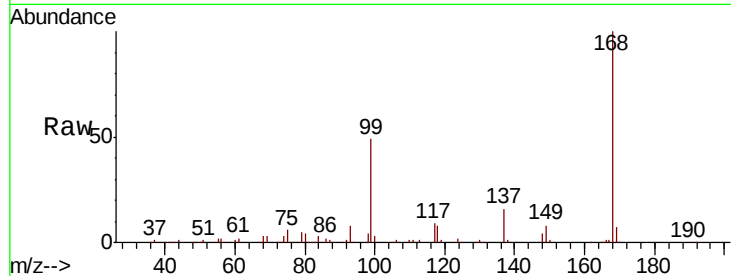
EP1-MW-CDL

Tot Ion:168 Resp: 701465

Ion Ratio Lower Upper

168 100

99 48.5 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051127.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051127.D (-1740) (-)

7.67

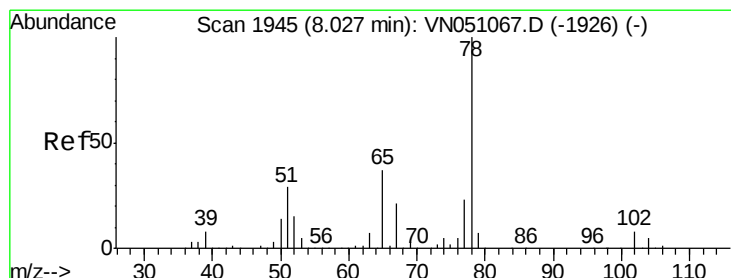
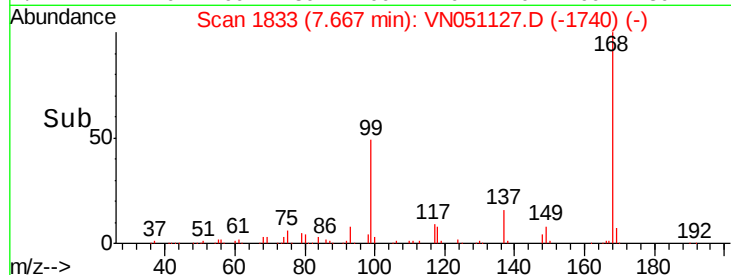
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.96 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051127.D

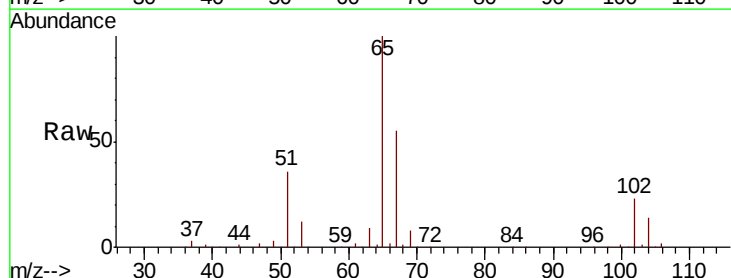
Acq: 11 Sep 2018 15:12

Tgt Ion: 65 Resp: 413397

Ion Ratio Lower Upper

65 100

67 54.9 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN051127.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN051127.D (-1852) (-)

8.03

200000

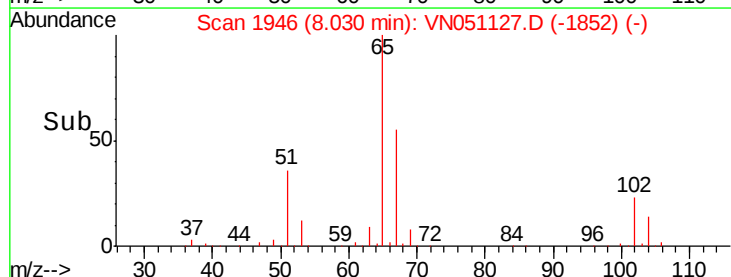
150000

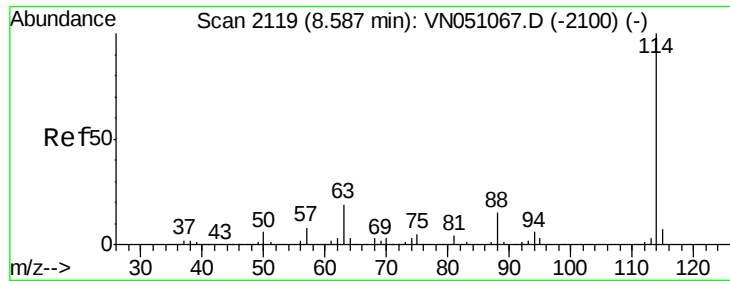
100000

50000

0

Time-->



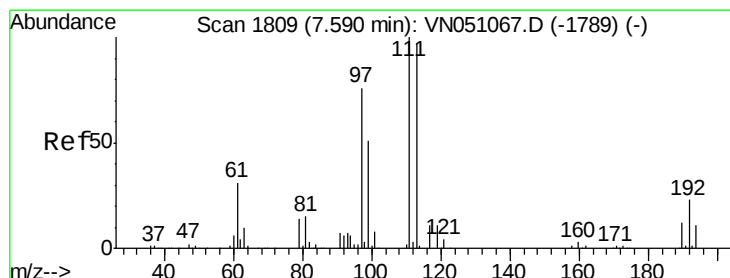
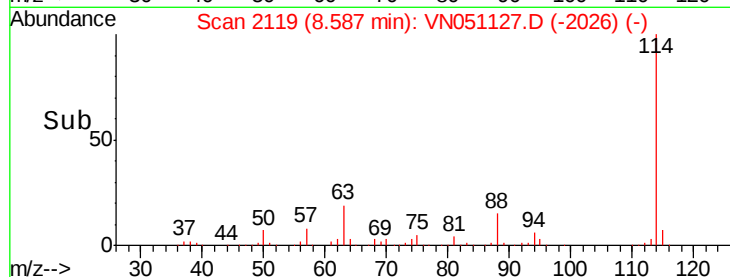
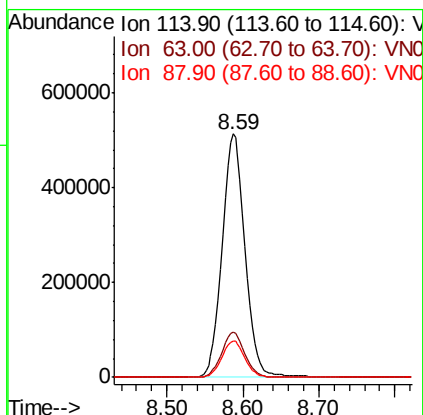
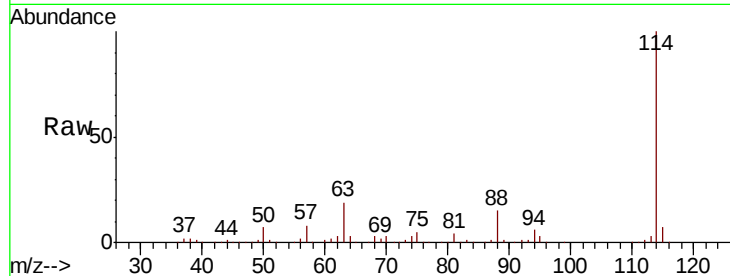


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051127.D
 Acq: 11 Sep 2018 15:12

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-CDL

Tot Ion:114 Resp: 1077937

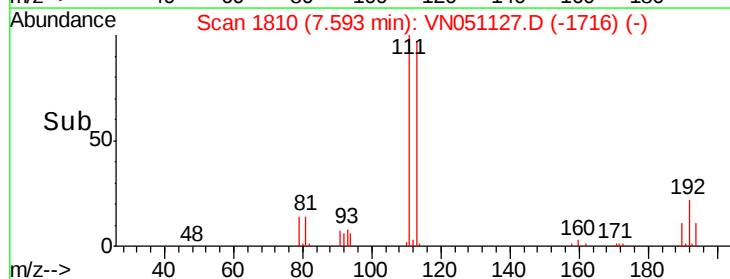
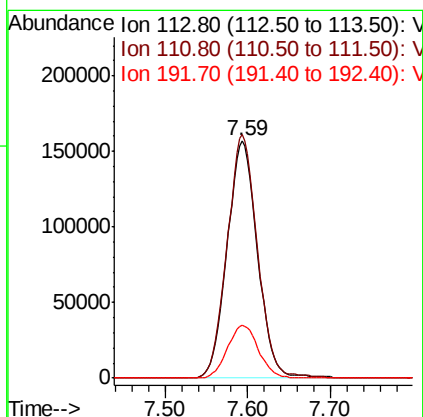
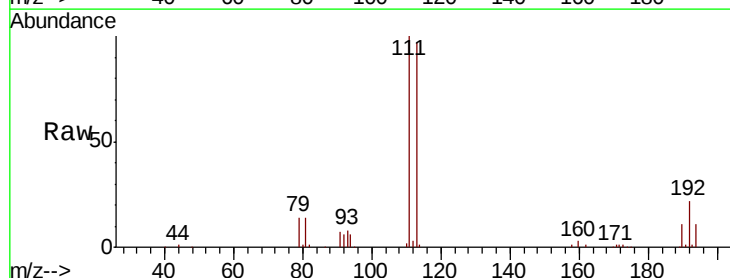
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	37.8
88	15.0	0.0	30.8

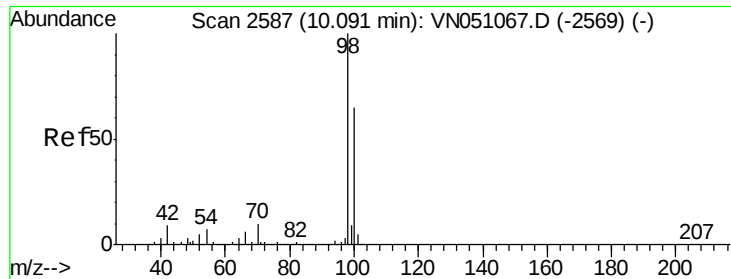


#35
 Dibromofluoromethane
 Concen: 49.41 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051127.D
 Acq: 11 Sep 2018 15:12

Tgt Ion:113 Resp: 400244

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.6
192	22.8	18.7	28.1





#50

Toluene-d8

Concen: 48.32 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051127.D

Acq: 11 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

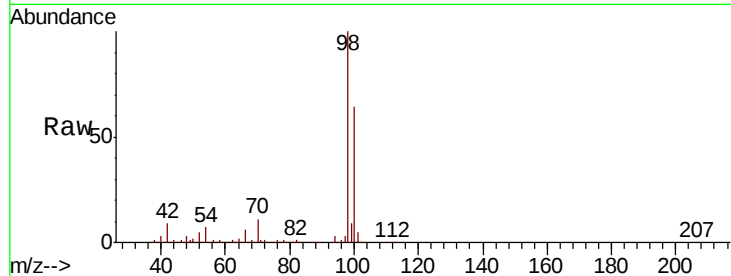
EP1-MW-CDL

Tot Ion: 98 Resp: 1485260

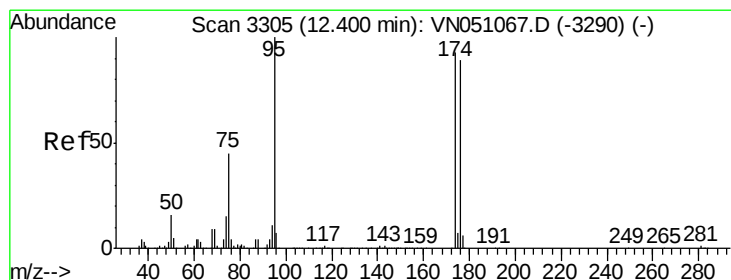
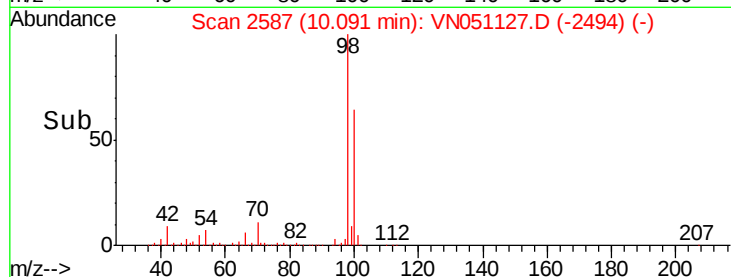
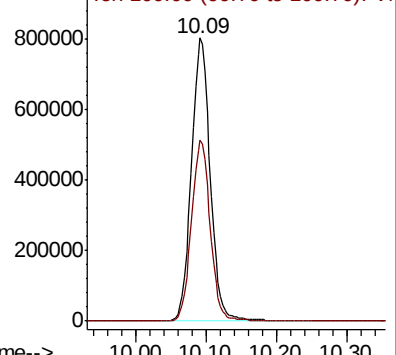
Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051127.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: 42.96 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051127.D

Acq: 11 Sep 2018 15:12

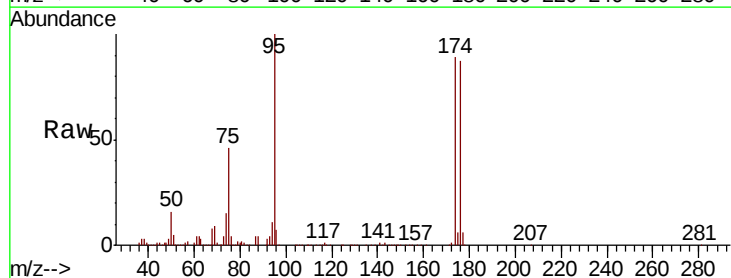
Tgt Ion: 95 Resp: 436813

Ion Ratio Lower Upper

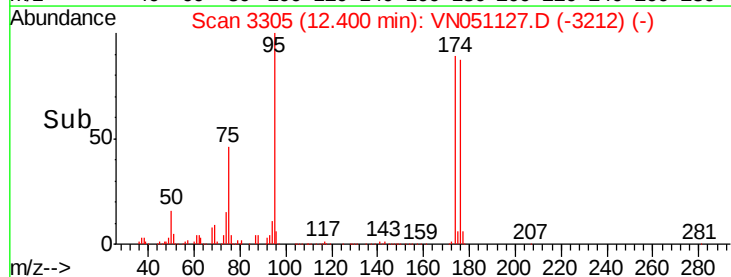
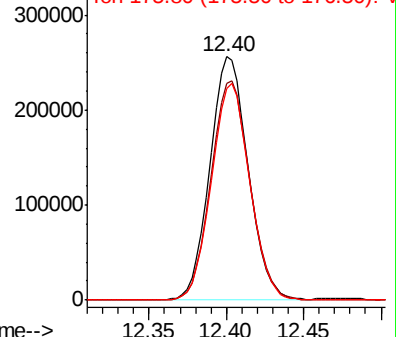
95 100

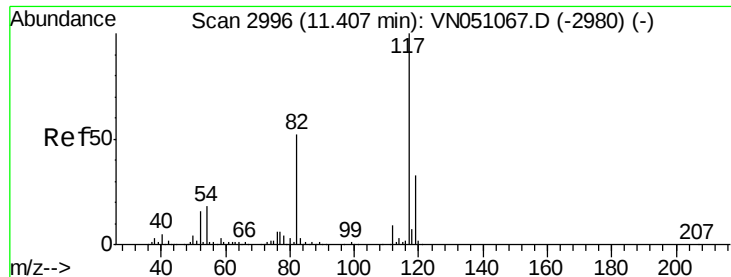
174 92.3 0.0 184.8

176 89.9 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN051127.D (-3212) (-)

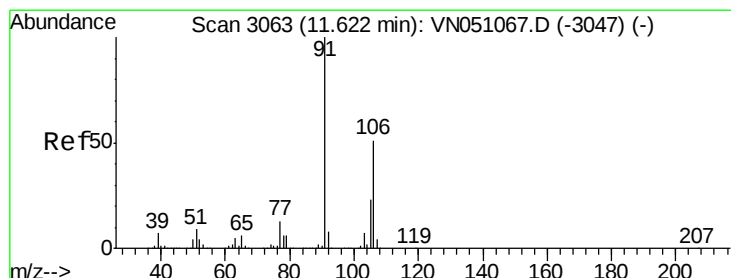
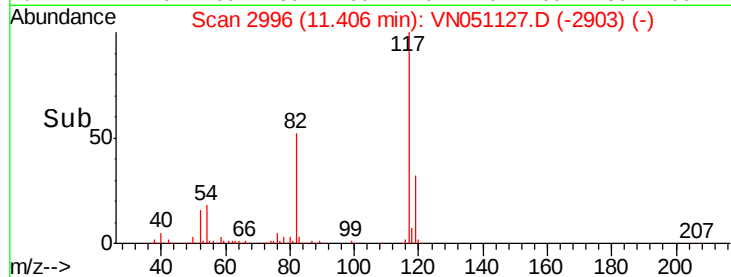
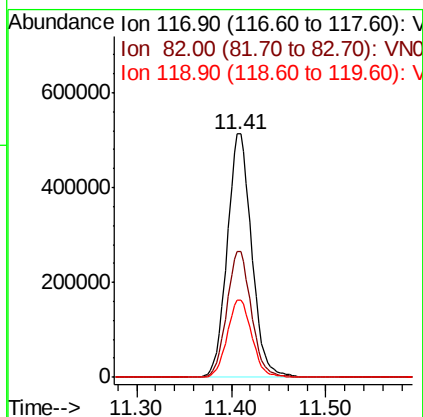
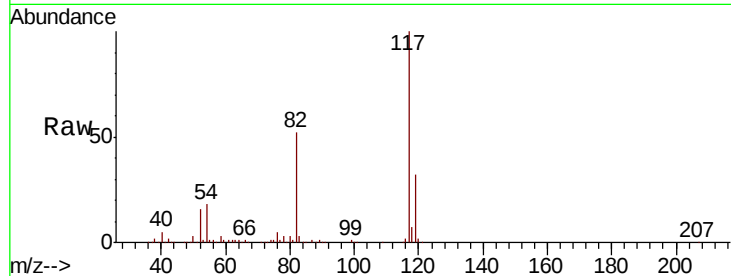




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051127.D
Acq: 11 Sep 2018 15:12

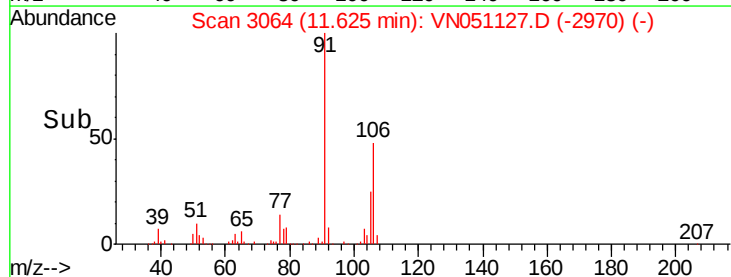
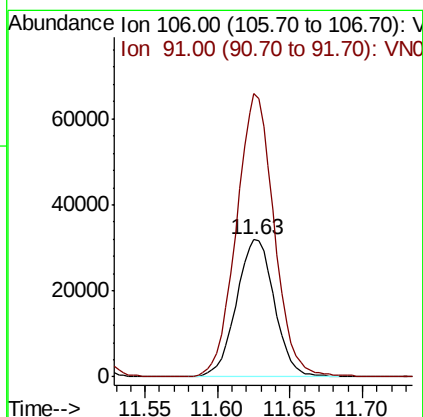
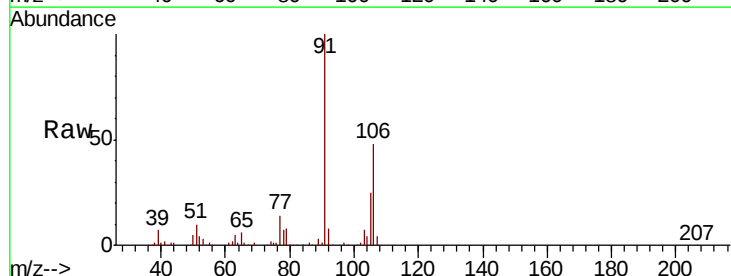
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-CDL

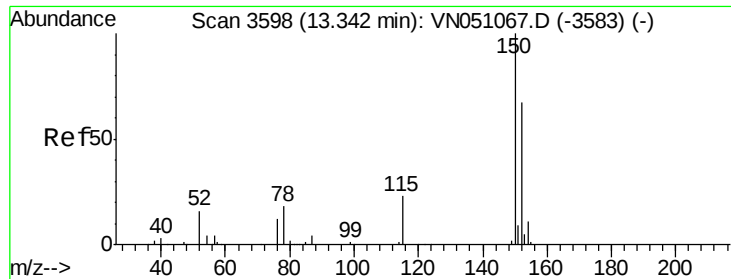
Tot Ion:117 Resp: 920052
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.6
119 31.8 26.2 39.2



#68
m/p-Xylenes
Concen: 4.02 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN051127.D
Acq: 11 Sep 2018 15:12

Tgt Ion:106 Resp: 58009
Ion Ratio Lower Upper
106 100
91 205.4 159.8 239.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051127.D

Acq: 11 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-CDL

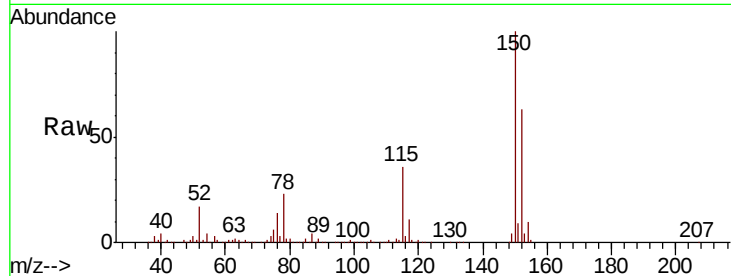
Tot Ion:152 Resp: 355239

Ion Ratio Lower Upper

152 100

115 61.5 28.2 84.7

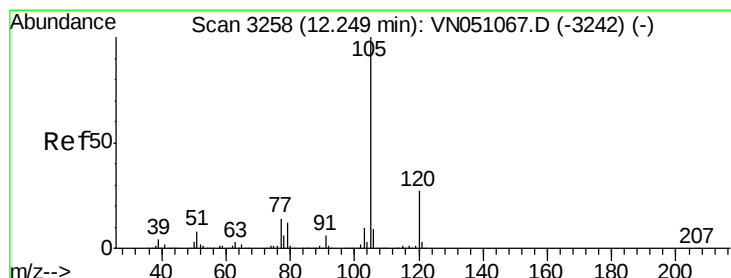
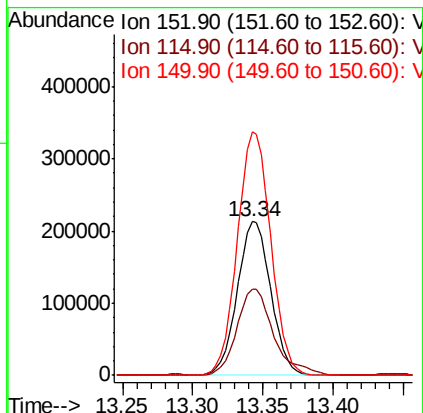
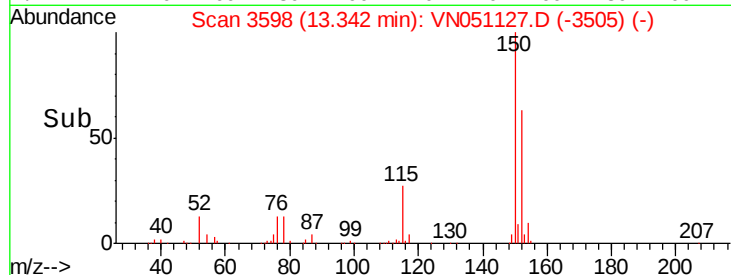
150 158.0 0.0 349.0



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: 8.44 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051127.D

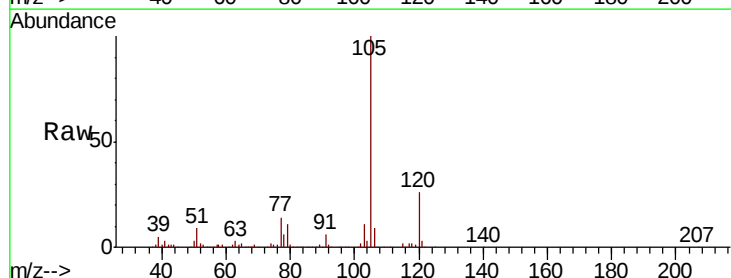
Acq: 11 Sep 2018 15:12

Tgt Ion:105 Resp: 251472

Ion Ratio Lower Upper

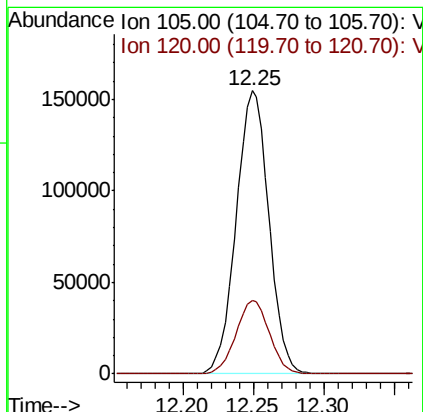
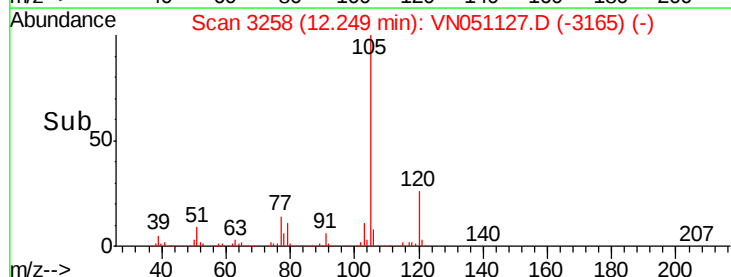
105 100

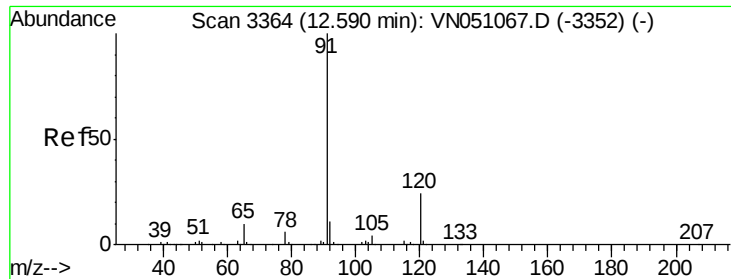
120 26.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 16.74 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051127.D

Acq: 11 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

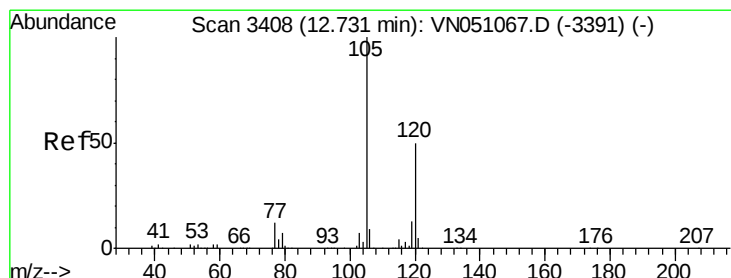
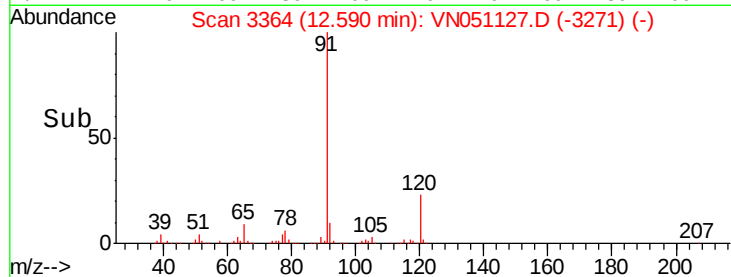
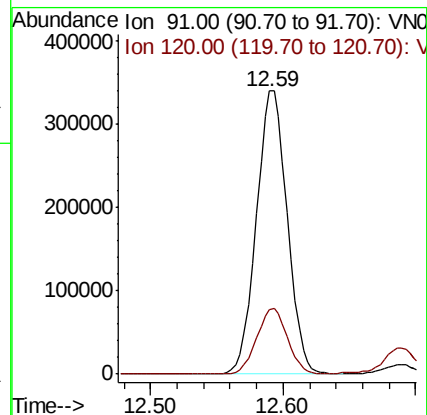
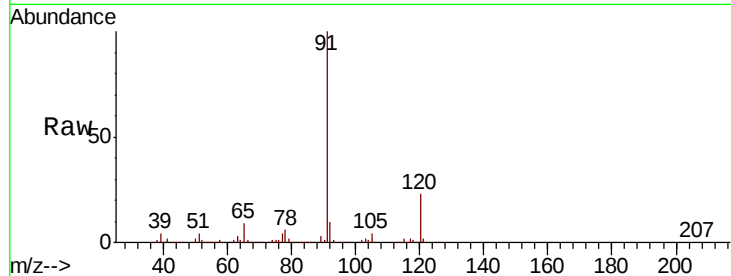
EP1-MW-CDL

Tot Ion: 91 Resp: 548130

Ion Ratio Lower Upper

91 100

120 23.1 12.0 36.0



#80

1,3,5-Trimethylbenzene

Concen: 4.14 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051127.D

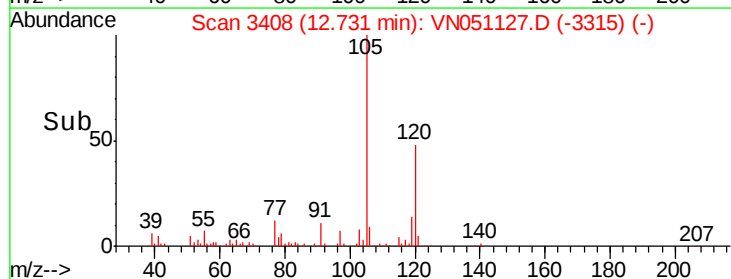
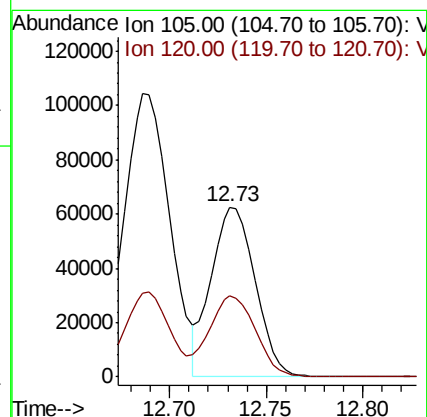
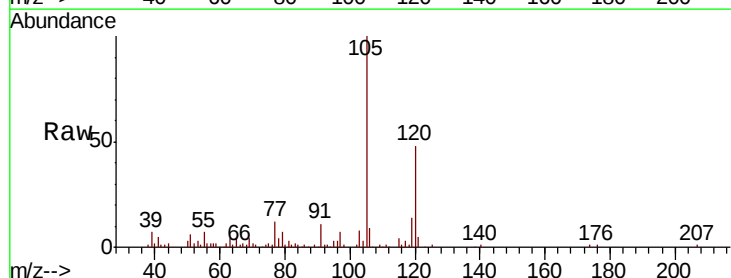
Acq: 11 Sep 2018 15:12

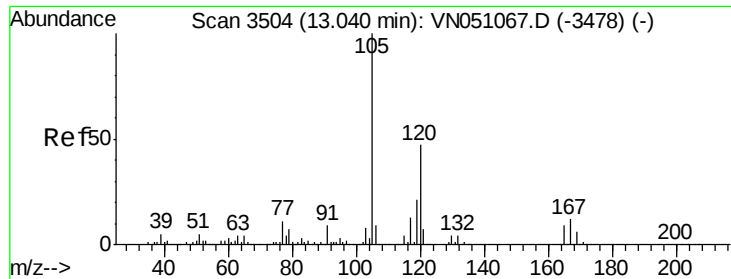
Tgt Ion: 105 Resp: 99752

Ion Ratio Lower Upper

105 100

120 50.6 24.9 74.6





#84

1,2,4-Trimethylbenzene

Concen: 54.11 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051127.D

Acq: 11 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampled :

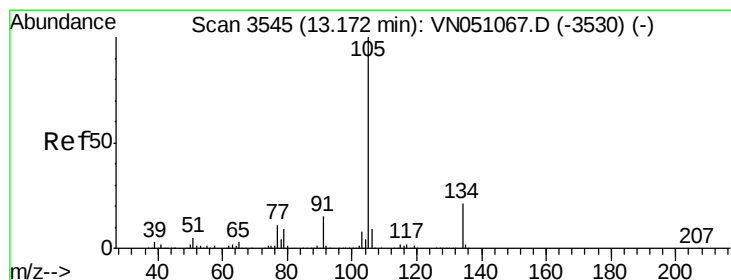
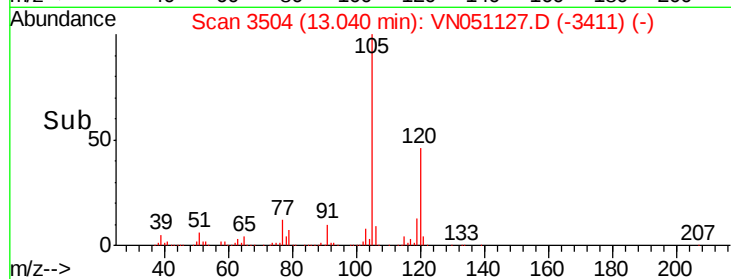
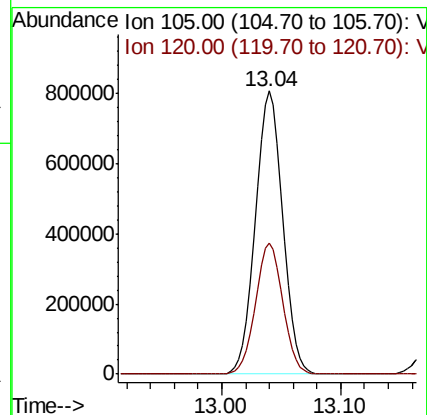
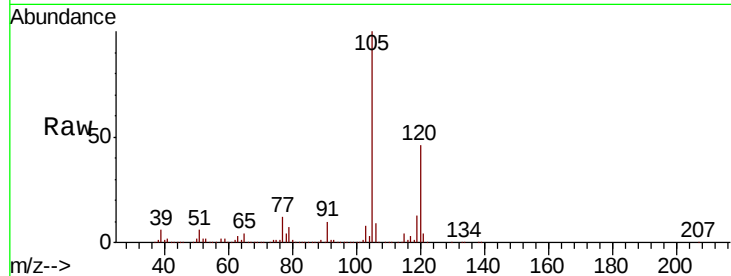
EP1-MW-CDL

Tot Ion:105 Resp: 1281487

Ion Ratio Lower Upper

105 100

120 46.2 23.3 69.8



#85

sec-Butylbenzene

Concen: 3.45 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051127.D

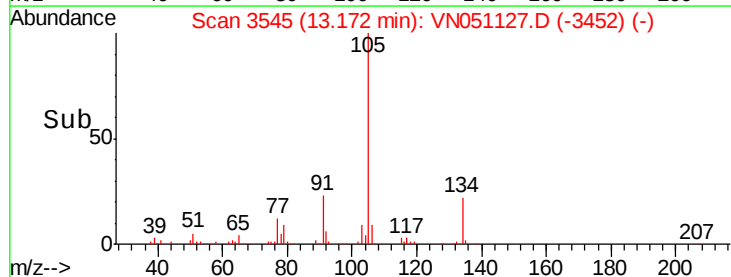
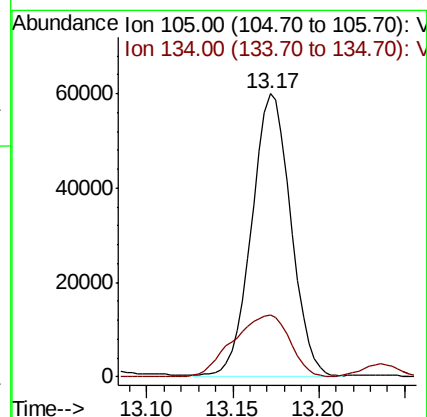
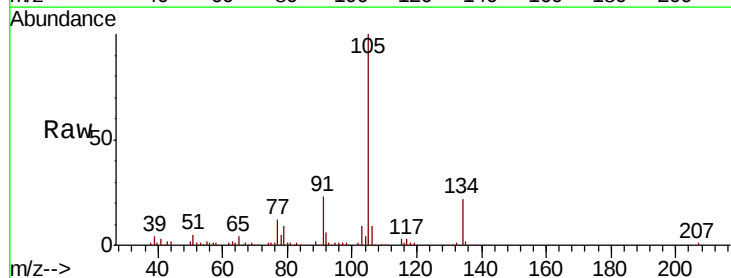
Acq: 11 Sep 2018 15:12

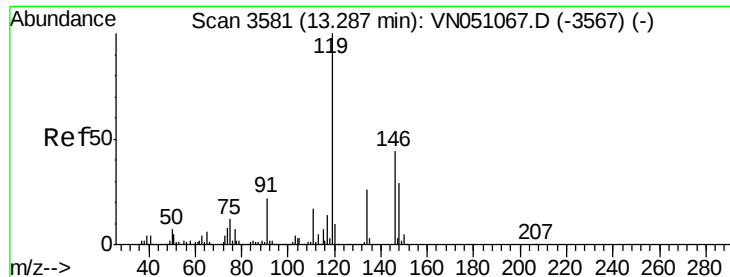
Tgt Ion:105 Resp: 94097

Ion Ratio Lower Upper

105 100

134 31.8 10.4 31.4#

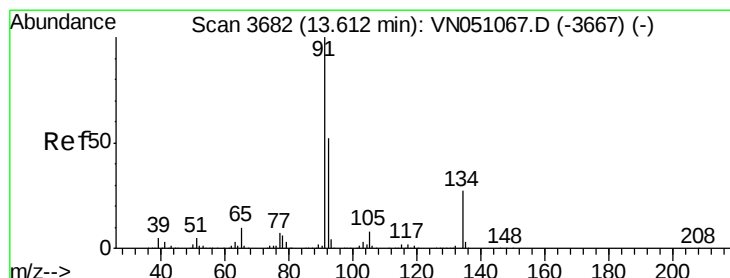
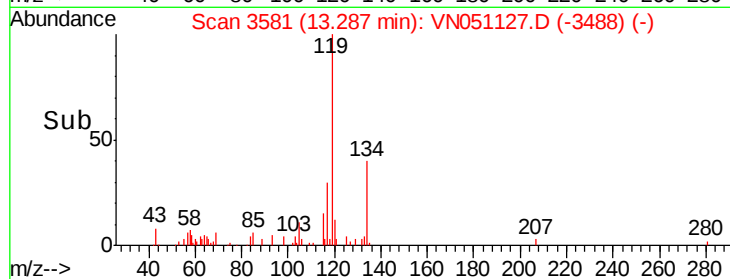
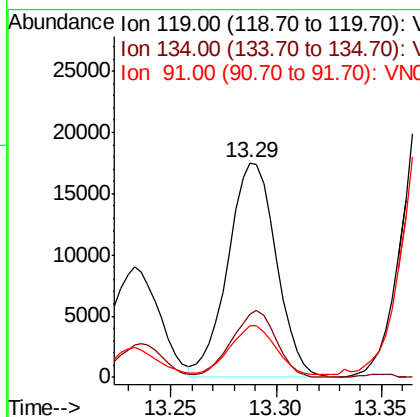
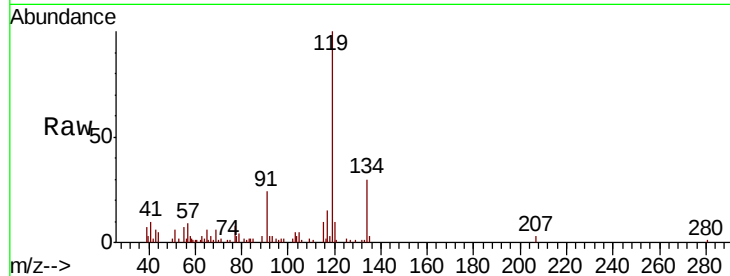




#86
p-Isopropyltoluene
Concen: 1.20 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN051127.D
Acq: 11 Sep 2018 15:12

Instrument :
MSVOA_N
ClientSampled :
EP1-MW-CDL

Tot Ion:119 Resp: 27837
Ion Ratio Lower Upper
119 100
134 28.8 13.5 40.4
91 21.2 10.9 32.9



#89
n-Butylbenzene
Concen: 2.45 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051127.D
Acq: 11 Sep 2018 15:12

Tgt Ion: 91 Resp: 44056
Ion Ratio Lower Upper
91 100
92 43.7 26.2 78.6
134 0.0 13.7 41.1#

