

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090718\
 Data File : VN051051.D
 Acq On : 7 Sep 2018 14:11
 Operator : MD\SY
 Sample : J4693-10
 Misc : 5.91g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)

Quant Time: Sep 10 11:10:45 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	7.66	168	582816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	875116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	882229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	549524	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	343027	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
35) Dibromofluoromethane	7.59	113	326095	46.84	ug/l	0.00
Spiked Amount			Recovery	=	93.68%	
50) Toluene-d8	10.09	98	1431088	54.98	ug/l	0.00
Spiked Amount			Recovery	=	109.96%	
62) 4-Bromofluorobenzene	12.40	95	897383	103.75	ug/l	0.00
Spiked Amount			Recovery	=	207.50%	

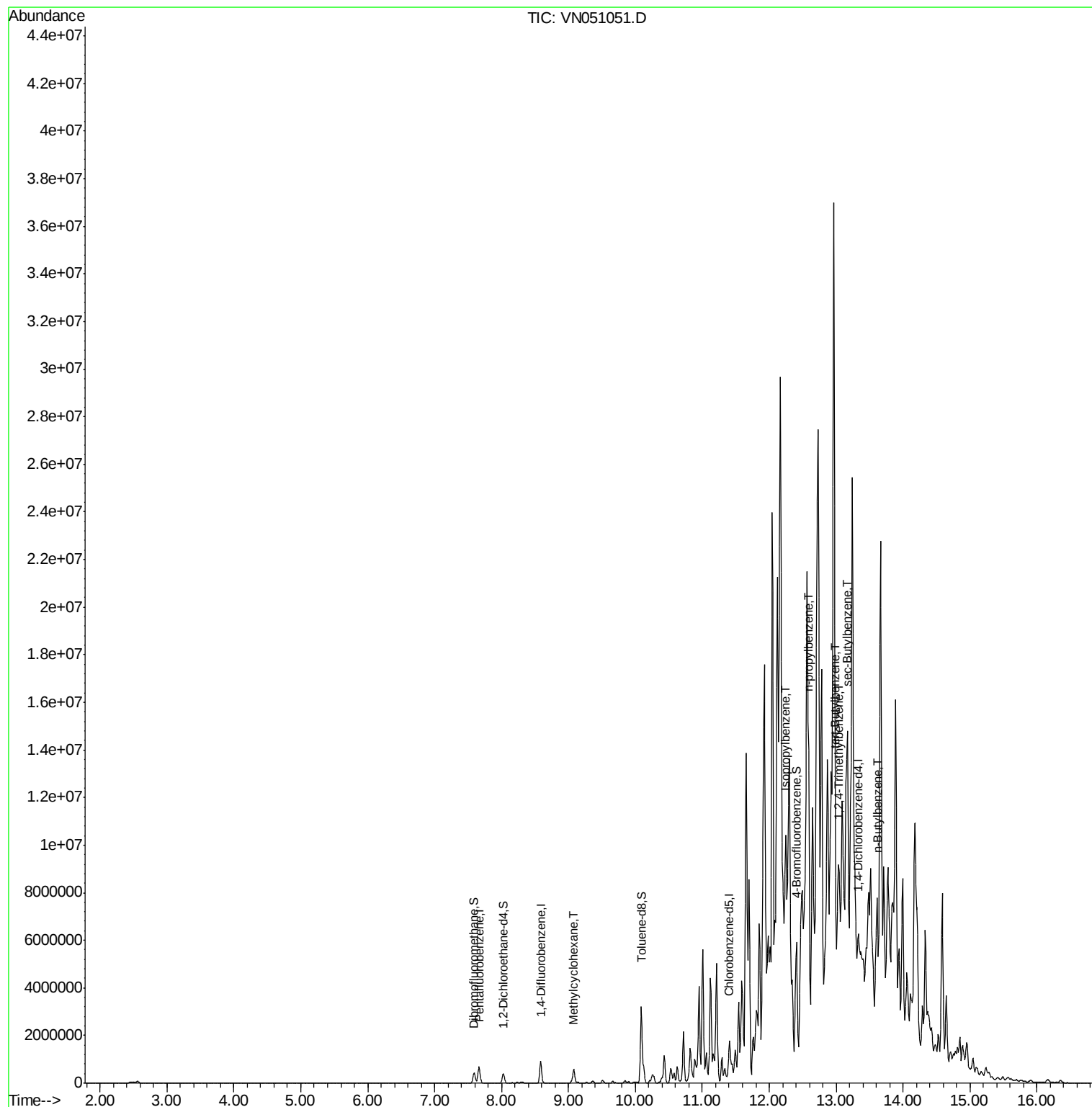
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.08	83	252801	22.63	ug/l	99
73) Isopropylbenzene	12.25	105	2787686	61.26	ug/l	100
78) n-propylbenzene	12.59	91	8366497	164.59	ug/l	99
83) tert-Butylbenzene	12.99	119	458006	14.40	ug/l	90
84) 1,2,4-Trimethylbenzene	13.04	105	310635	8.41	ug/l	99
85) sec-Butylbenzene	13.17	105	3440695	82.58	ug/l #	67
89) n-Butylbenzene	13.62	91	2333141	82.17	ug/l	90

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

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Misc : 5.91a/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

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EP1-MW-C(15-20)

Quant Time: Sep 10 11:10:45 2018
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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

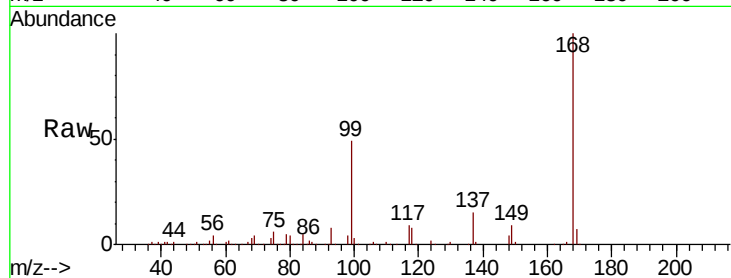
EP1-MW-C(15-20)

Tot Ion:168 Resp: 582816

Ion Ratio Lower Upper

168 100

99 49.3 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

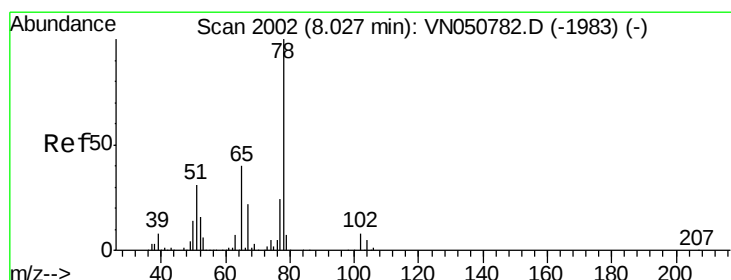
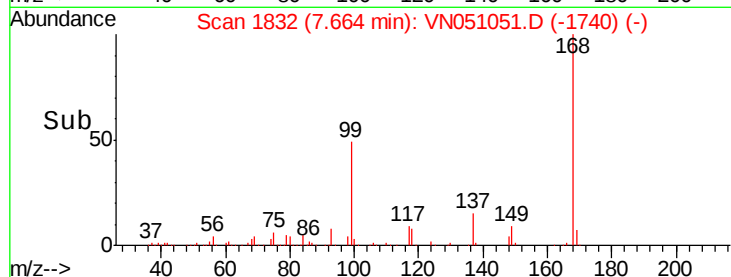
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.89 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN051051.D

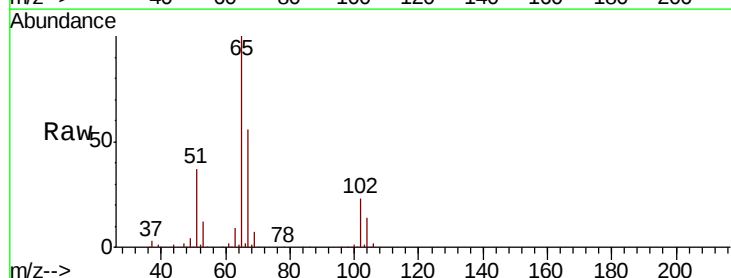
Acq: 7 Sep 2018 14:11

Tgt Ion: 65 Resp: 343027

Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.02

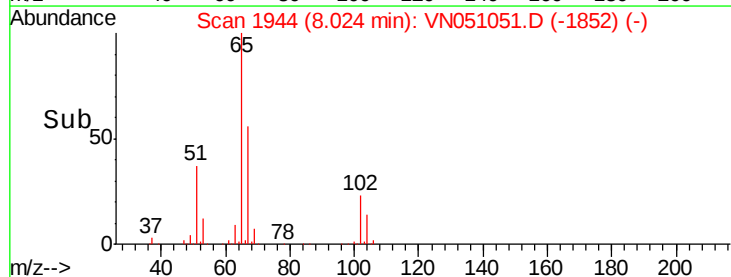
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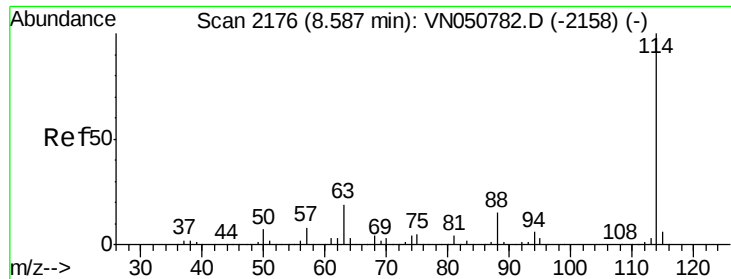
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Time-->

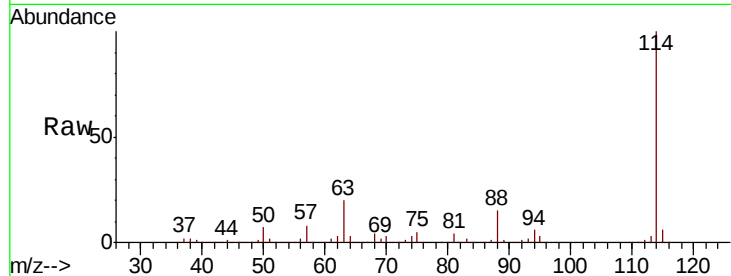




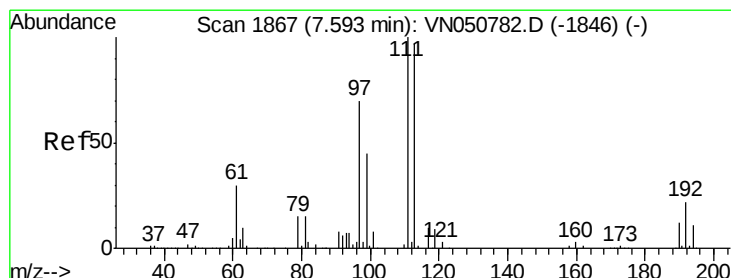
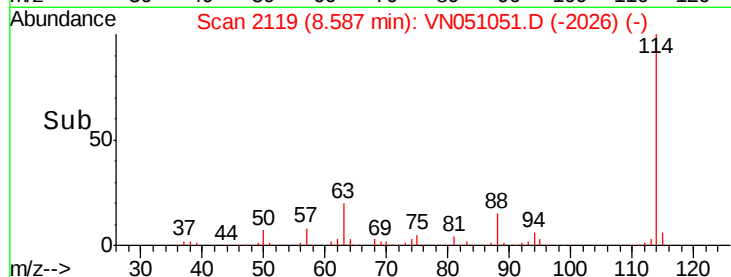
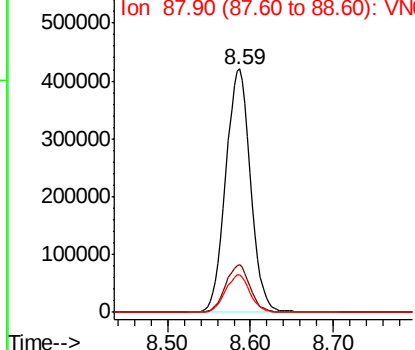
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051051.D
 Acq: 7 Sep 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)

Tot Ion:114 Resp: 875116
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.5 0.0 30.6

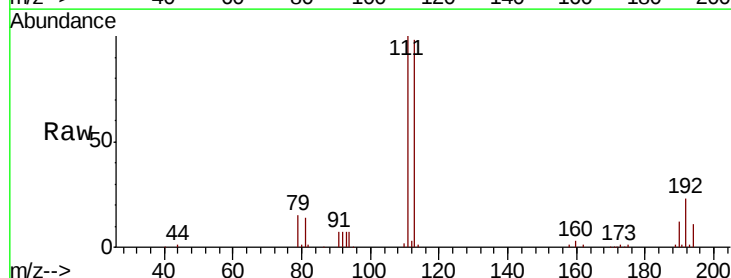


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

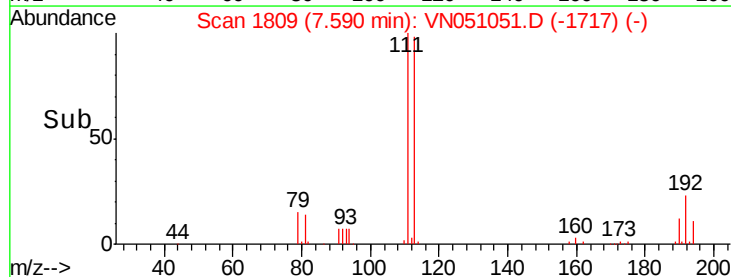
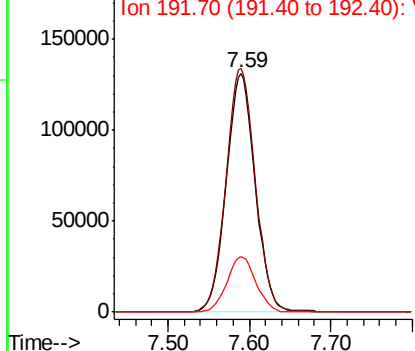


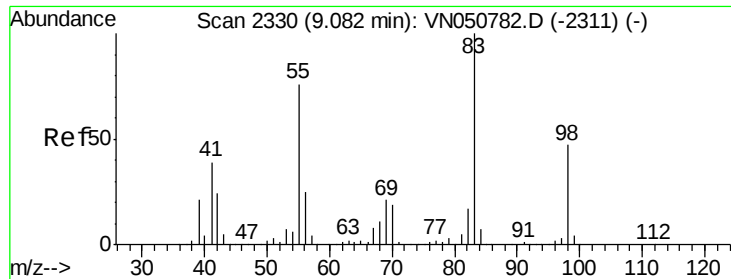
#35
 Dibromofluoromethane
 Concen: 46.84 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051051.D
 Acq: 7 Sep 2018 14:11

Tgt Ion:113 Resp: 326095
 Ion Ratio Lower Upper
 113 100
 111 103.7 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

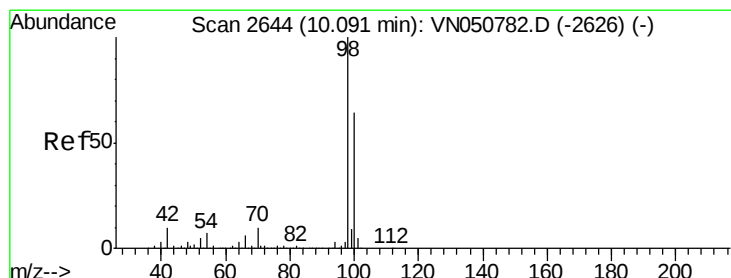
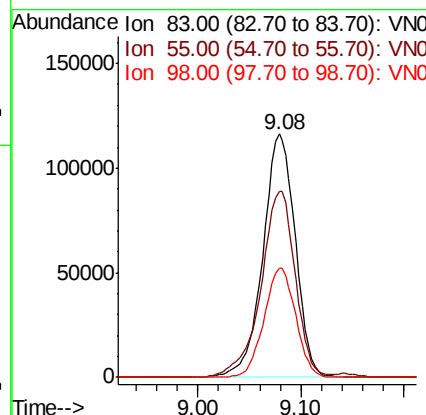
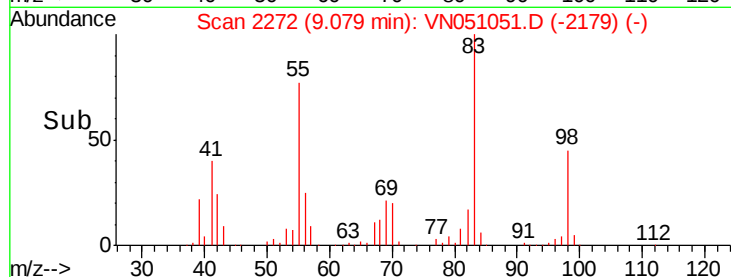
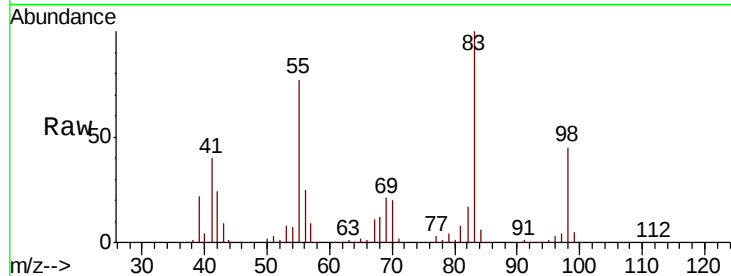




#39
Methylvlcyclohexane
Concen: 22.63 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

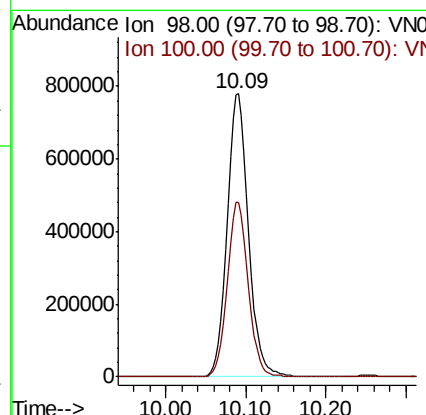
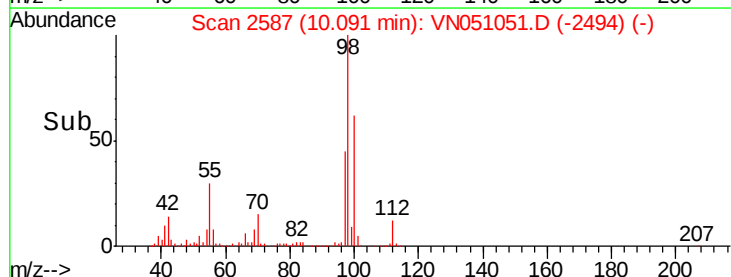
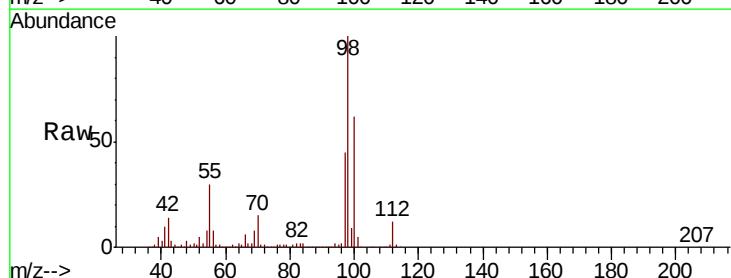
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)

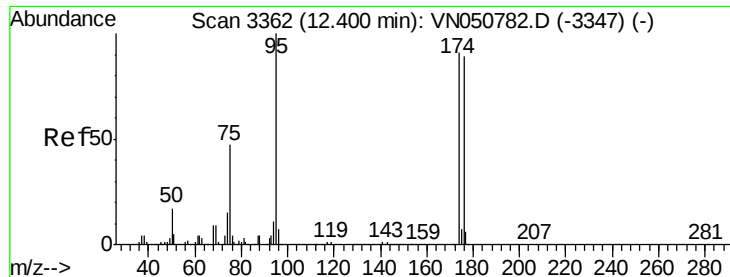
Tot Ion: 83 Resp: 252801
Ion Ratio Lower Upper
83 100
55 76.7 61.0 91.4
98 45.1 37.5 56.3



#50
Toluene-d8
Concen: 54.98 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

Tgt Ion: 98 Resp: 1431088
Ion Ratio Lower Upper
98 100
100 60.7 51.5 77.3

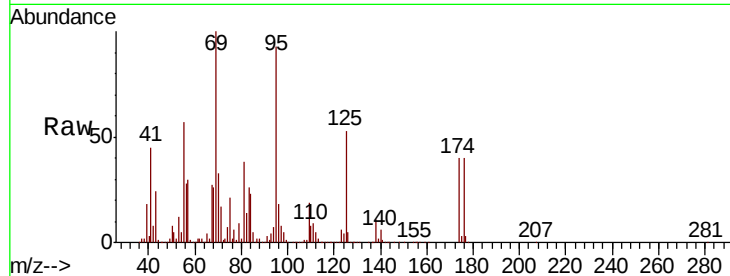




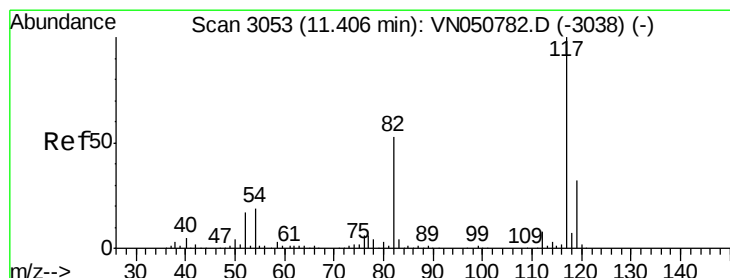
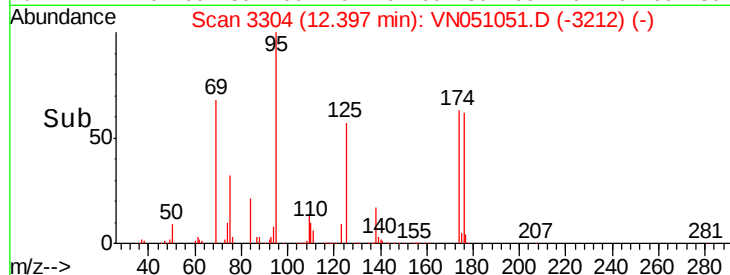
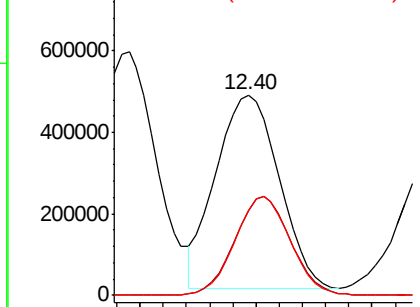
#62
4-Bromofluorobenzene
Concen: 103.75 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)

Tot Ion: 95 Resp: 897383
Ion Ratio Lower Upper
95 100
174 45.4 0.0 183.0
176 44.9 0.0 178.8

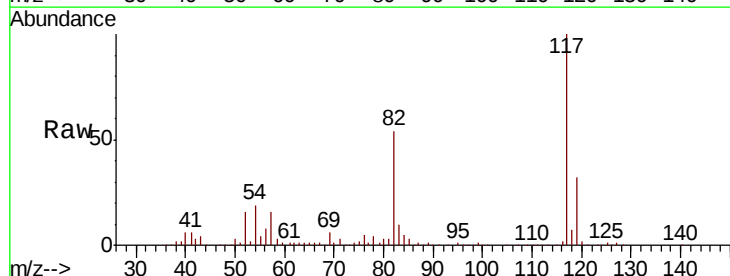


Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)
Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)
Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)

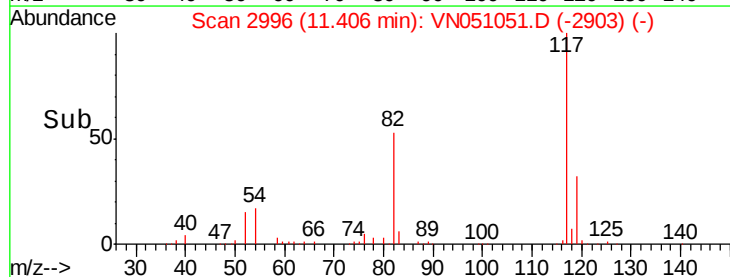
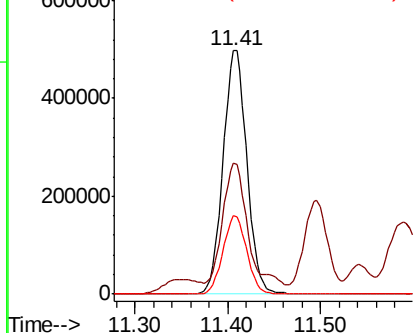


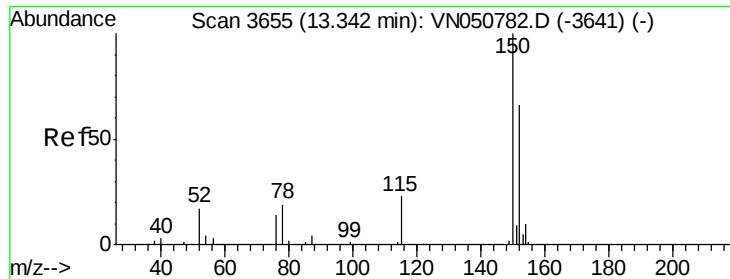
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

Tgt Ion: 117 Resp: 882229
Ion Ratio Lower Upper
117 100
82 48.2 42.6 64.0
119 32.0 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) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)

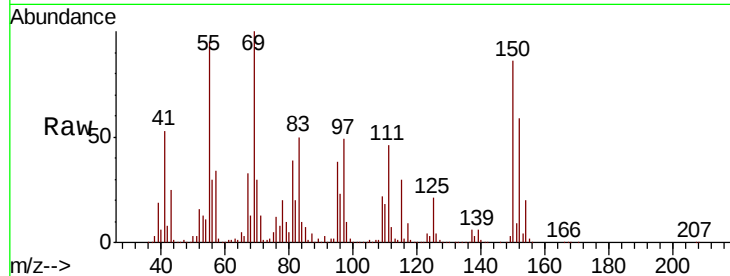
Tot Ion:152 Resp: 549524

Ion Ratio Lower Upper

152 100

115 42.3 27.8 83.4

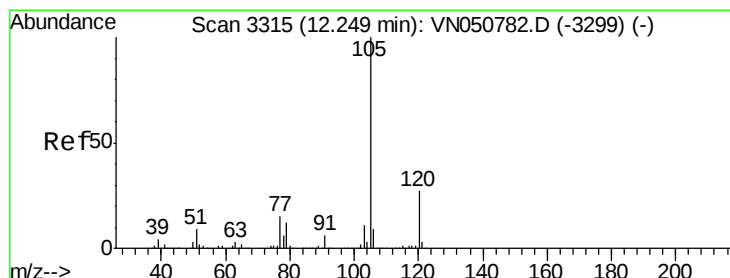
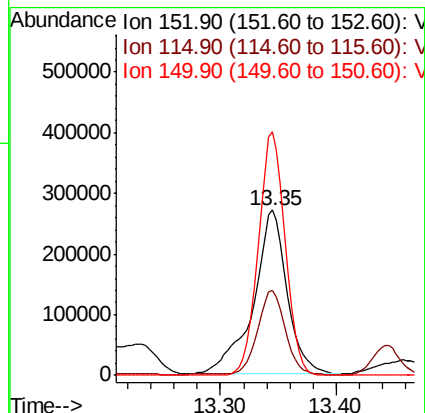
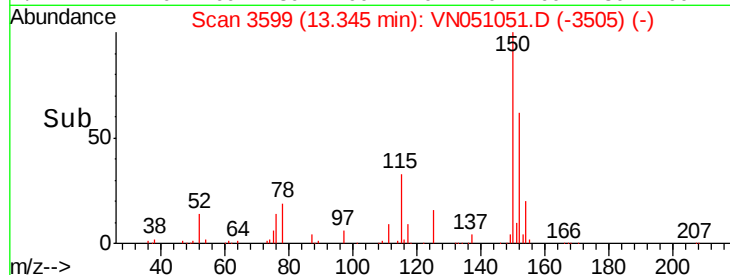
150 117.7 0.0 351.4



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: 61.26 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN051051.D

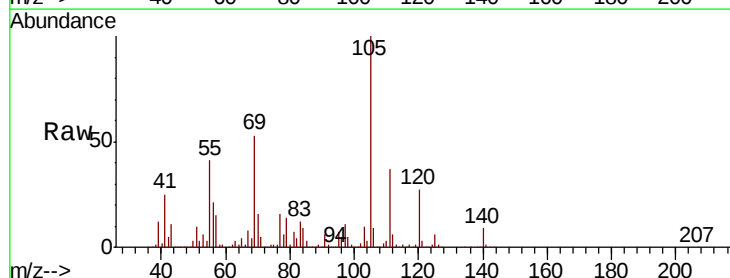
Acq: 7 Sep 2018 14:11

Tgt Ion:105 Resp: 2787686

Ion Ratio Lower Upper

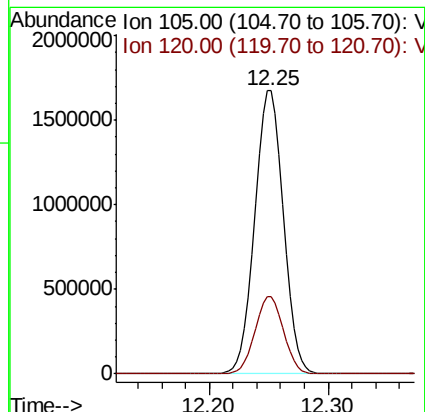
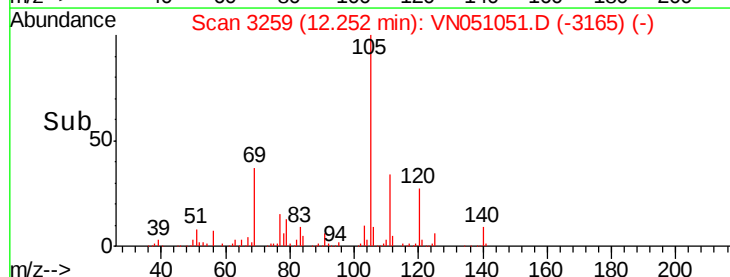
105 100

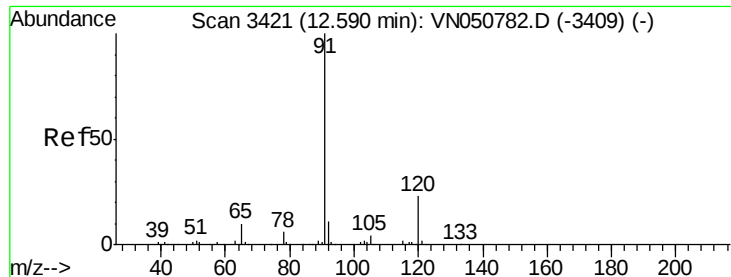
120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 164.59 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

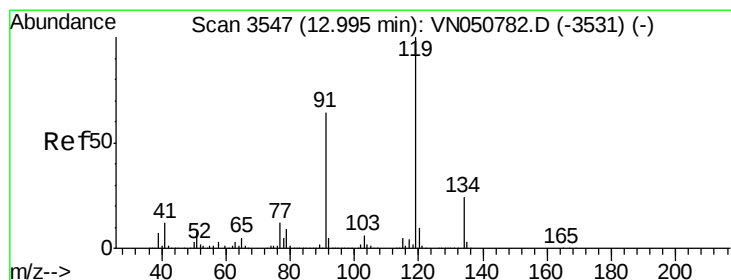
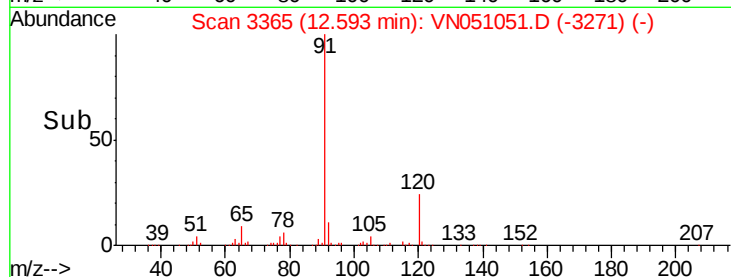
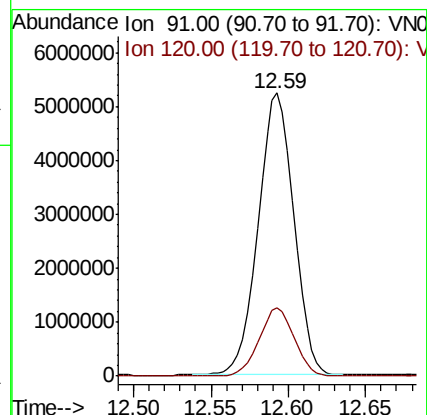
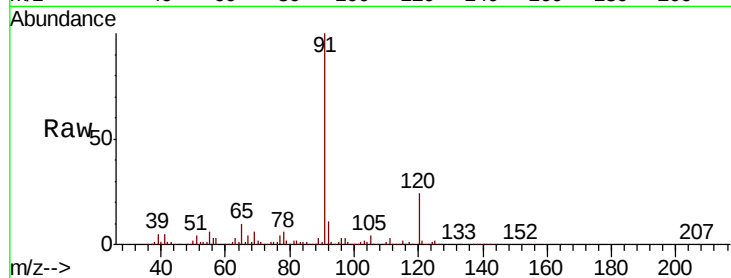
EP1-MW-C(15-20)

Tot Ion: 91 Resp: 8366497

Ion Ratio Lower Upper

91 100

120 23.9 11.7 35.0



#83

tert-Butylbenzene

Concen: 14.40 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

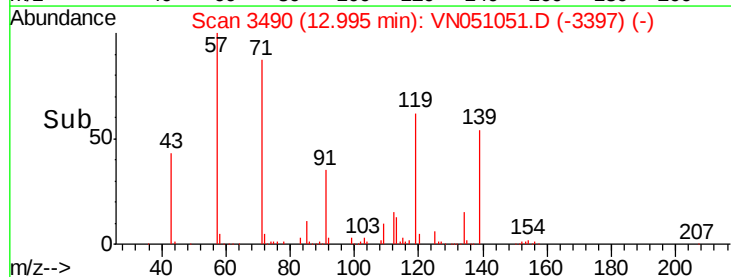
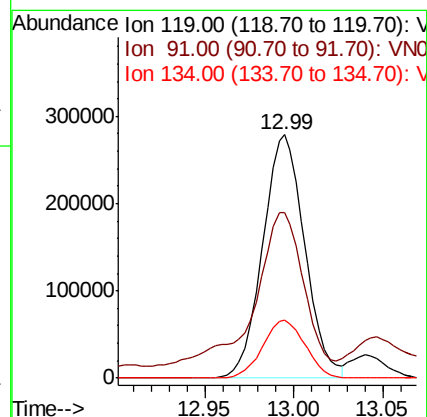
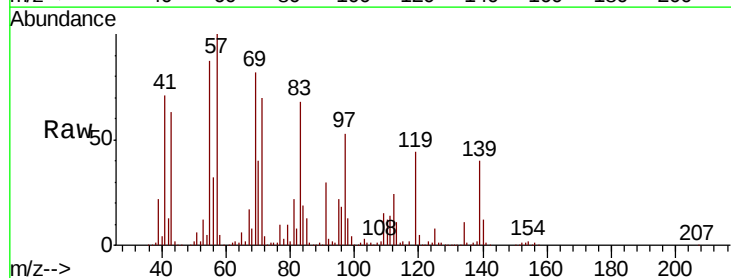
Tgt Ion: 119 Resp: 458006

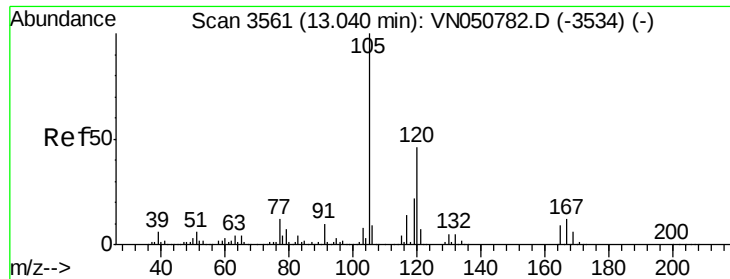
Ion Ratio Lower Upper

119 100

91 72.2 31.6 94.7

134 24.1 13.4 40.1

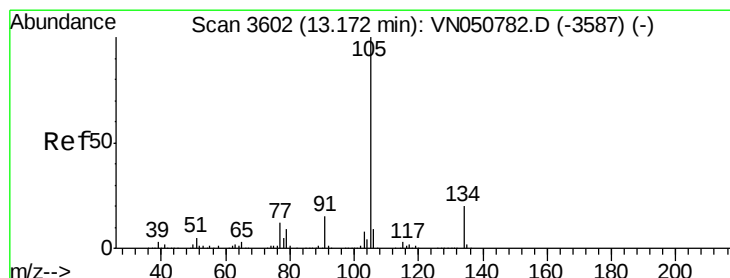
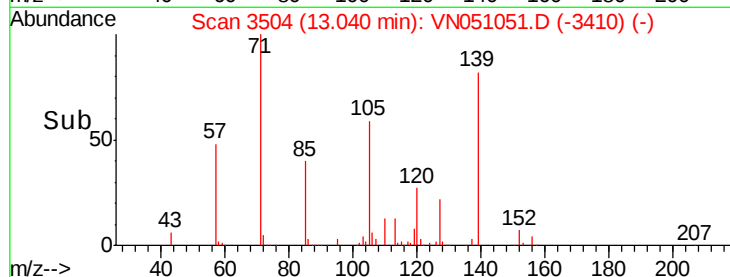
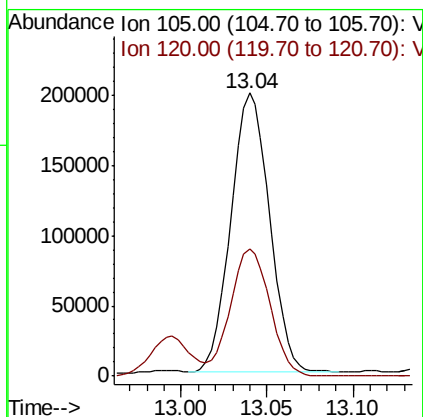
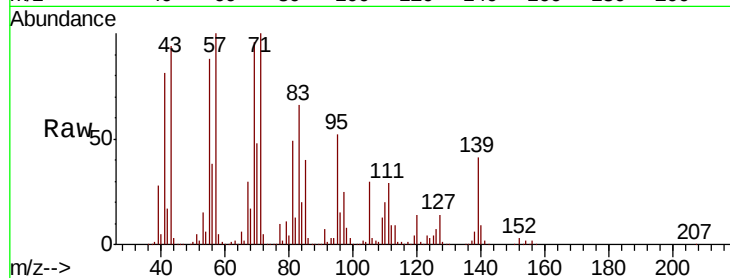




#84
1,2,4-Trimethylbenzene
Concen: 8.41 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

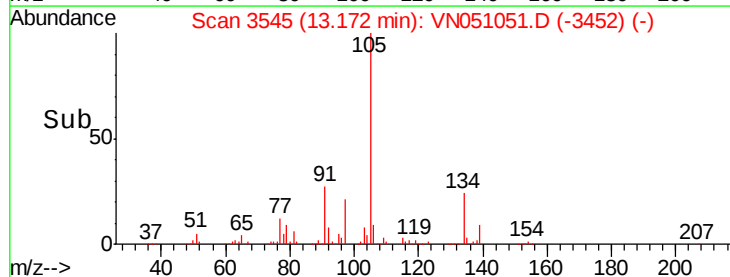
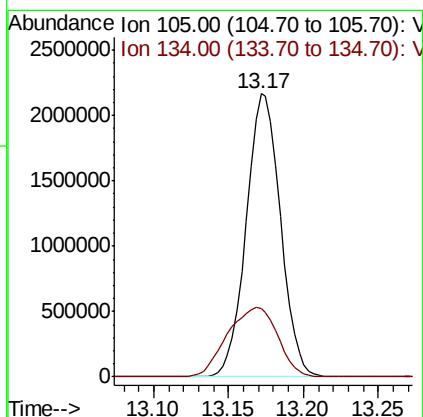
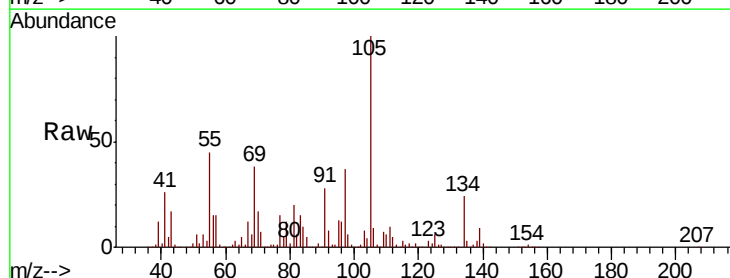
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)

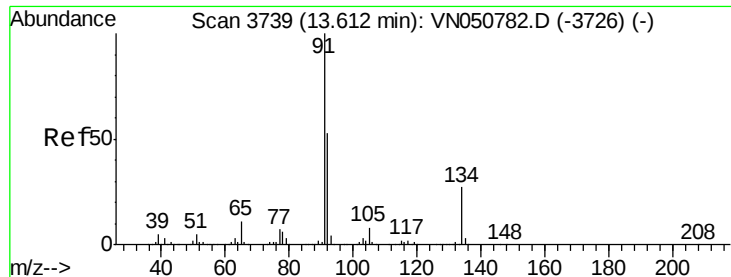
Tot Ion:105 Resp: 310635
Ion Ratio Lower Upper
105 100
120 46.5 22.9 68.8



#85
sec-Butylbenzene
Concen: 82.58 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN051051.D
Acq: 7 Sep 2018 14:11

Tgt Ion:105 Resp: 3440695
Ion Ratio Lower Upper
105 100
134 36.0 10.3 30.8#





#89

n-Butylbenzene

Concen: 82.17 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051051.D

Acq: 7 Sep 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)

Tot Ion: 91 Resp: 2333141

Ion Ratio Lower Upper

91 100

92 50.1 26.1 78.2

134 39.5 13.2 39.6

