

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090718\
 Data File : VN051055.D
 Acq On : 7 Sep 2018 15:50
 Operator : MD\SY
 Sample : J4693-09 5X
 Misc : 5.82g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Sep 10 11:20:29 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	655936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	985215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	940925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	521070	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	380898	48.24	ug/l	0.00
Spiked Amount						
			Recovery	=	96.48%	
35) Dibromofluoromethane	7.59	113	361883	46.17	ug/l	0.00
Spiked Amount						
			Recovery	=	92.34%	
50) Toluene-d8	10.09	98	1557041	53.13	ug/l	0.00
Spiked Amount						
			Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.40	95	1065984	109.47	ug/l	0.00
Spiked Amount						
			Recovery	=	218.94%	

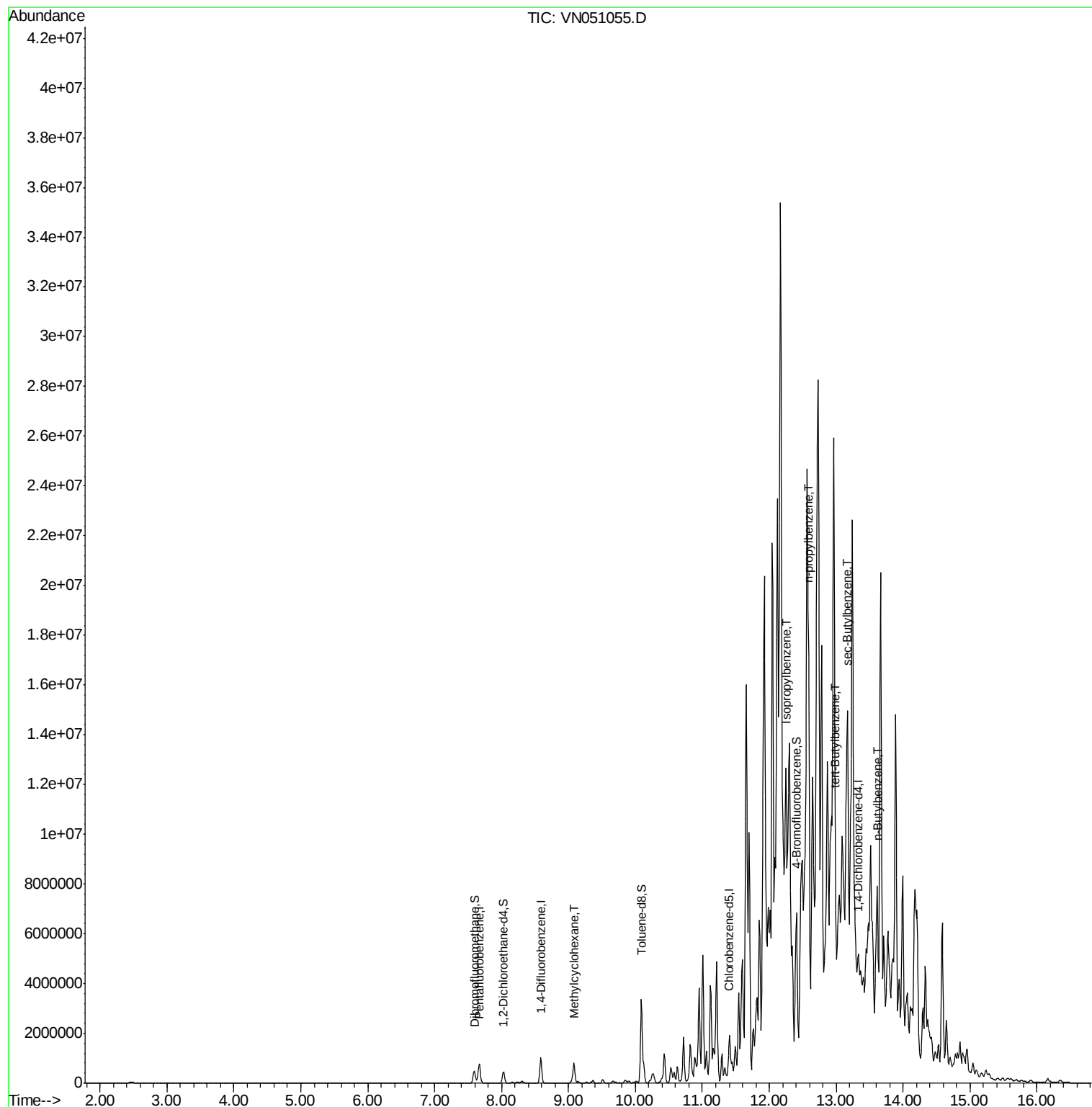
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.08	83	350661	27.88	ug/l	99
73) Isopropylbenzene	12.25	105	3665002	84.94	ug/l	99
78) n-propylbenzene	12.59	91	10354652	214.83	ug/l	99
83) tert-Butylbenzene	12.99	119	619885	20.56	ug/l	89
85) sec-Butylbenzene	13.17	105	4498844	113.87	ug/l #	64
89) n-Butylbenzene	13.62	91	2958870	109.89	ug/l	90

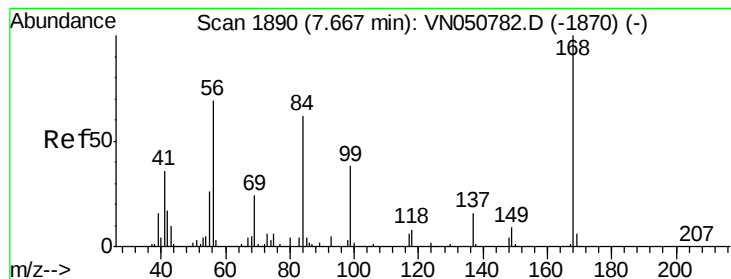
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP1-MW-C(10-15)

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QLast Update : Wed Aug 22 05:38:12 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: VN051055.D

Acq: 7 Sep 2018 15:50

Instrument :

MSVOA_N

ClientSampleId :

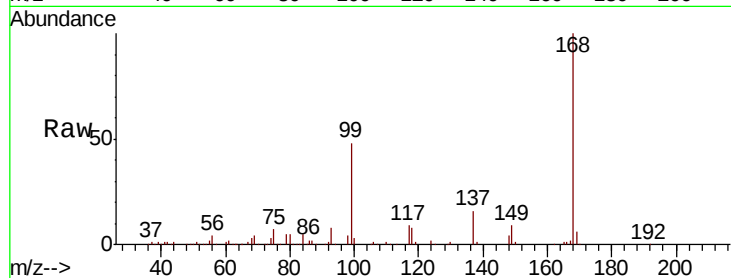
EP1-MW-C(10-15)

Tot Ion:168 Resp: 655936

Ion Ratio Lower Upper

168 100

99 48.3 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

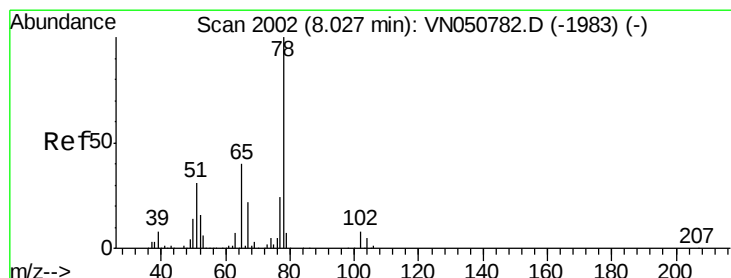
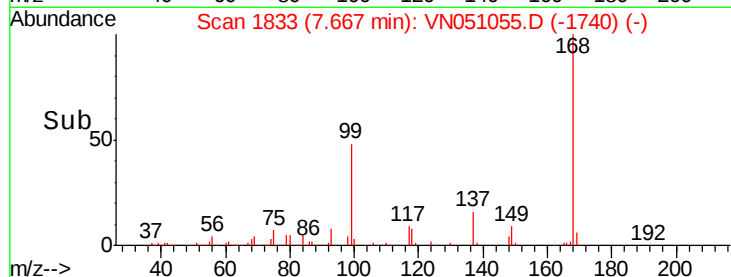
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.24 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051055.D

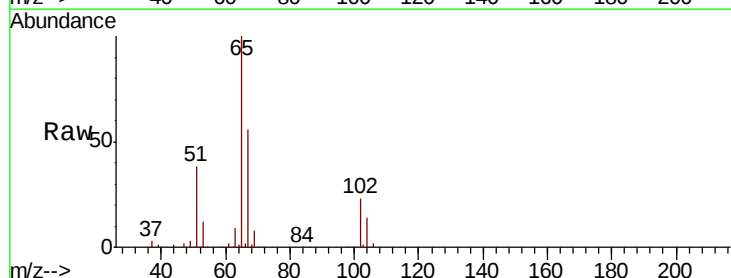
Acq: 7 Sep 2018 15:50

Tgt Ion: 65 Resp: 380898

Ion Ratio Lower Upper

65 100

67 55.2 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VN0

8.03

150000

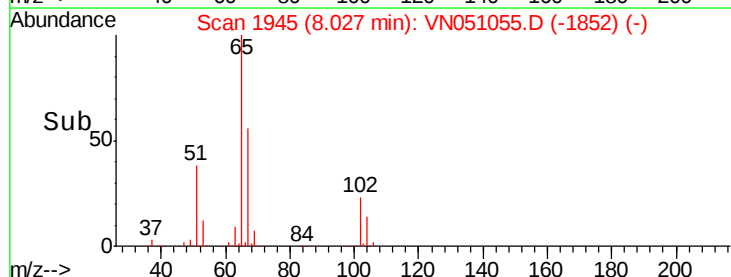
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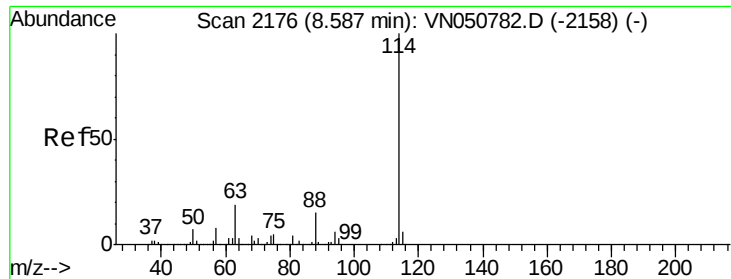
50000

0

7.90 8.00 8.10

Time-->

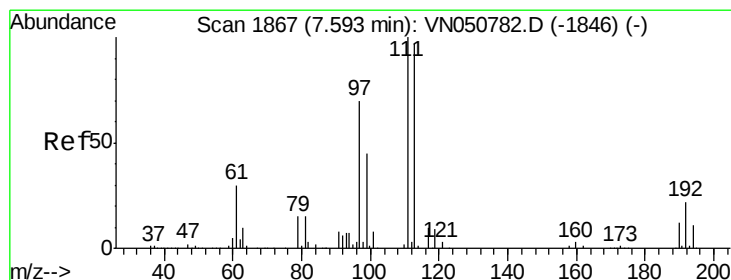
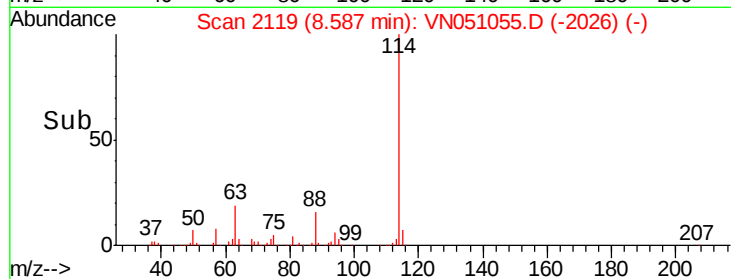
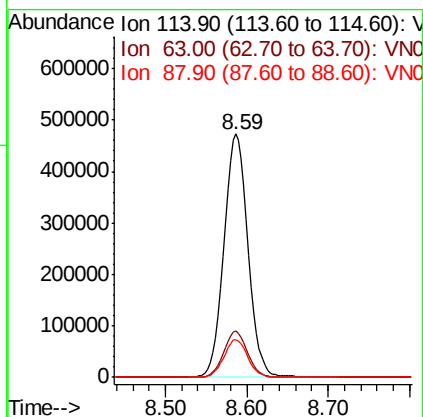
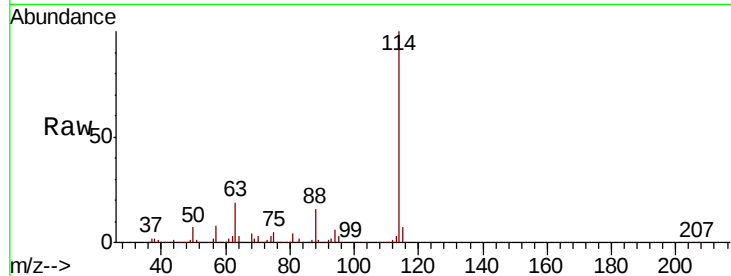




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051055.D
 Acq: 7 Sep 2018 15:50

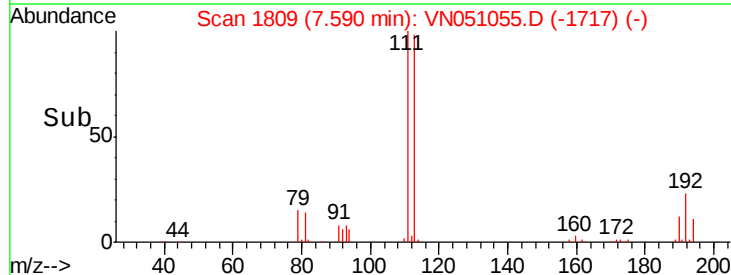
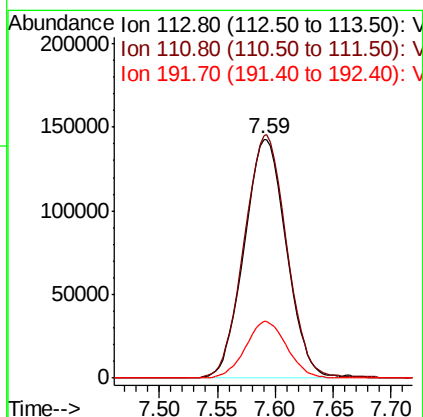
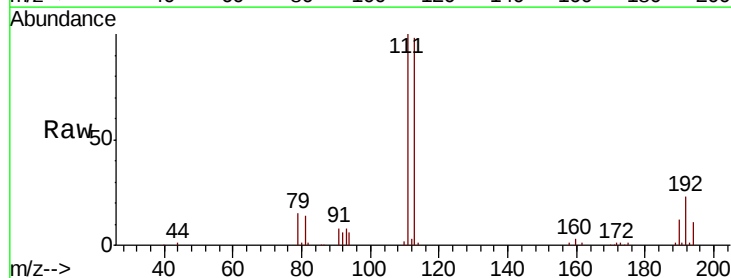
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(10-15)

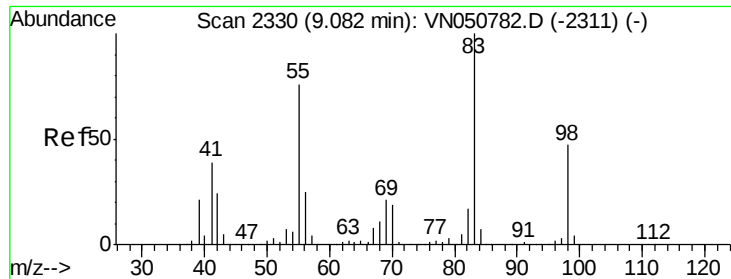
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.6
88	15.6	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 46.17 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051055.D
 Acq: 7 Sep 2018 15:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	23.4	18.0	27.0

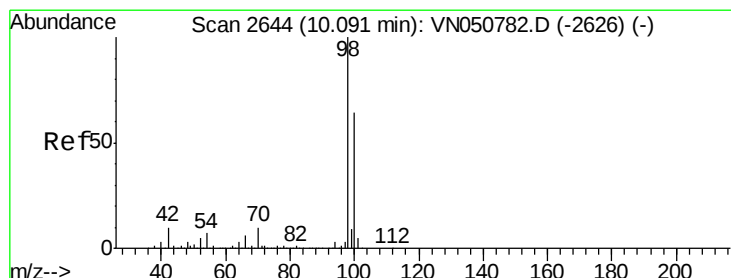
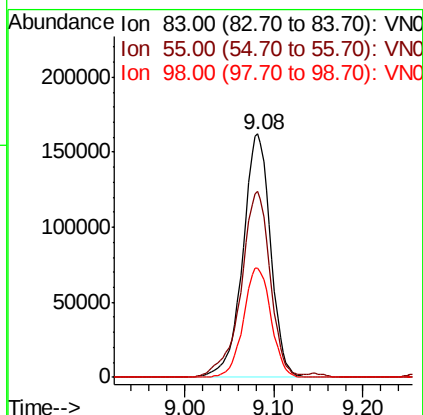
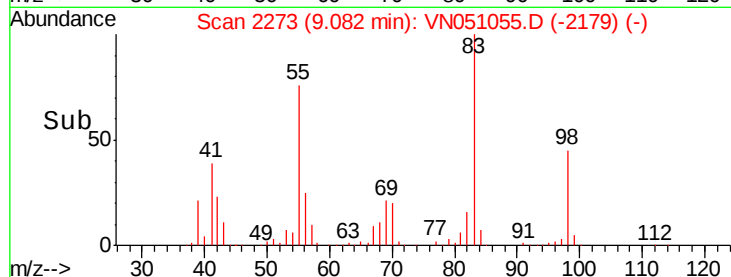
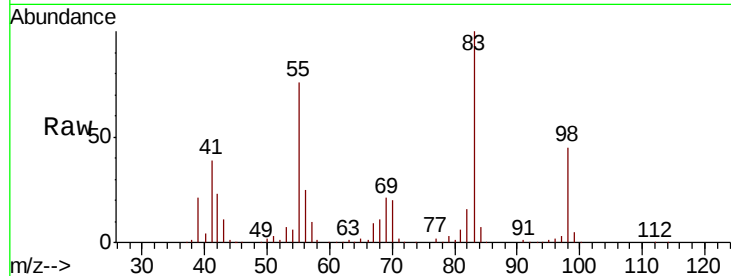




#39
Methvlcvclohexane
Concen: 27.88 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051055.D
Acq: 7 Sep 2018 15:50

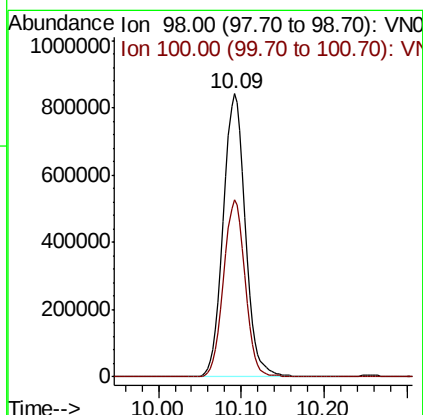
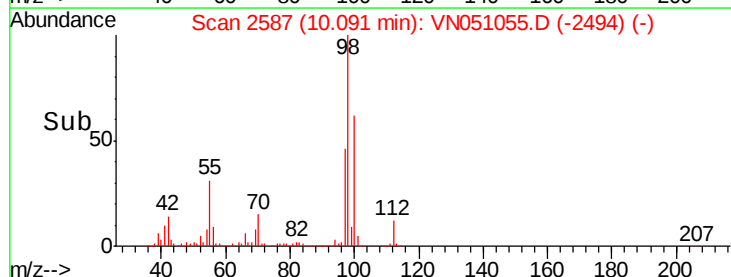
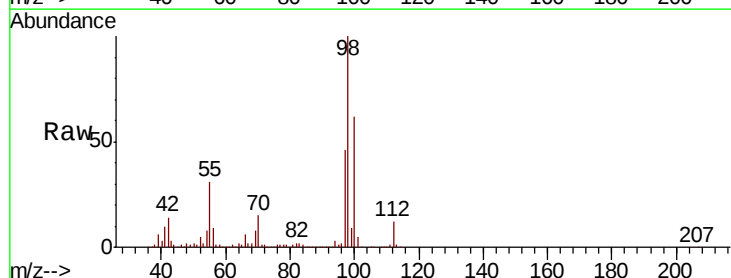
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(10-15)

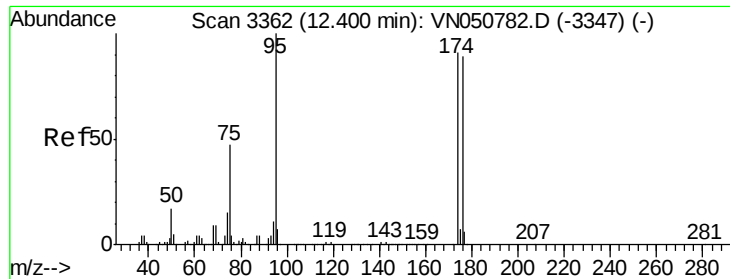
Tot Ion: 83 Resp: 350661
Ion Ratio Lower Upper
83 100
55 76.5 61.0 91.4
98 44.9 37.5 56.3



#50
Toluene-d8
Concen: 53.13 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051055.D
Acq: 7 Sep 2018 15:50

Tgt Ion: 98 Resp: 1557041
Ion Ratio Lower Upper
98 100
100 61.2 51.5 77.3

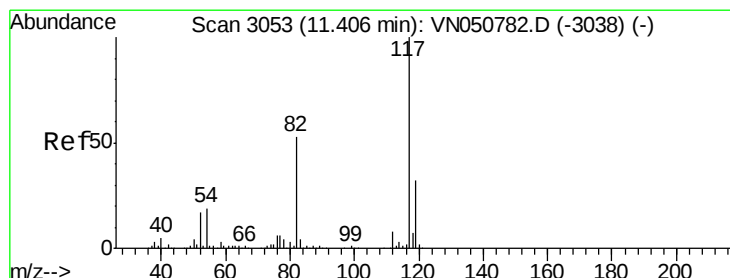
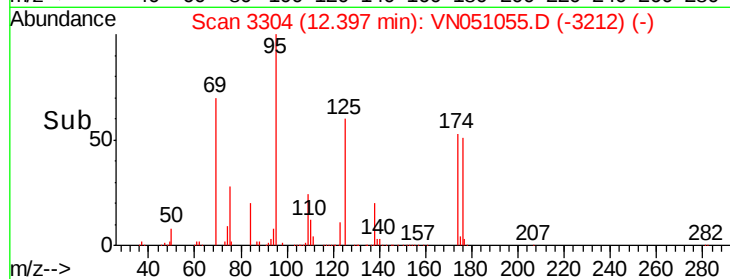
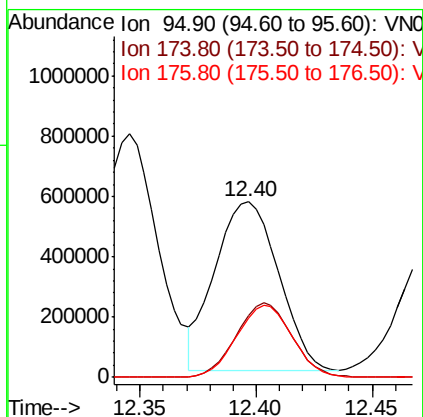
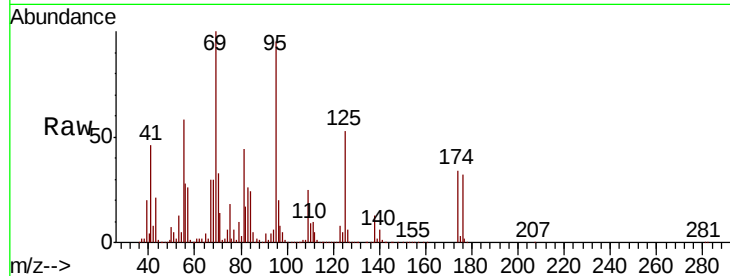




#62
4-Bromofluorobenzene
Concen: 109.47 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN051055.D
Acq: 7 Sep 2018 15:50

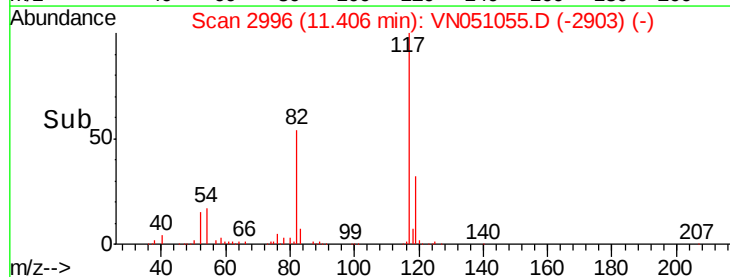
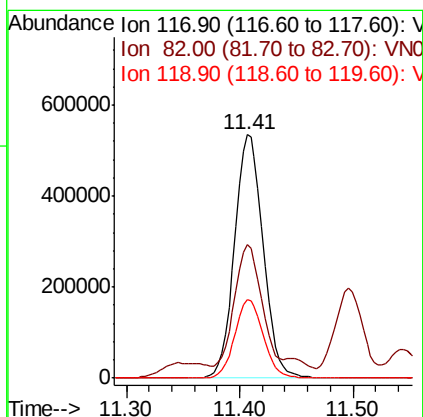
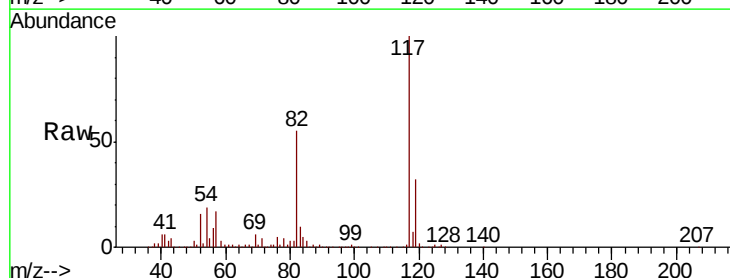
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(10-15)

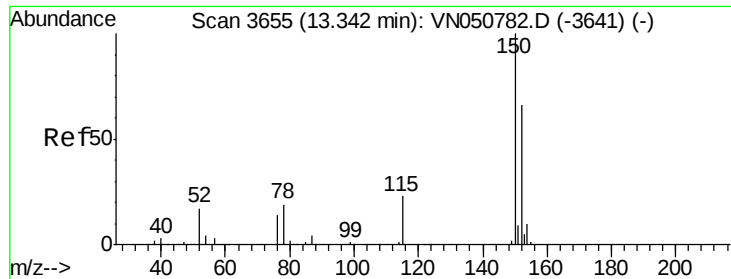
Tot Ion: 95 Resp: 1065984
Ion Ratio Lower Upper
95 100
174 39.1 0.0 183.0
176 38.0 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051055.D
Acq: 7 Sep 2018 15:50

Tgt Ion: 117 Resp: 940925
Ion Ratio Lower Upper
117 100
82 48.5 42.6 64.0
119 32.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051055.D

Acq: 7 Sep 2018 15:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(10-15)

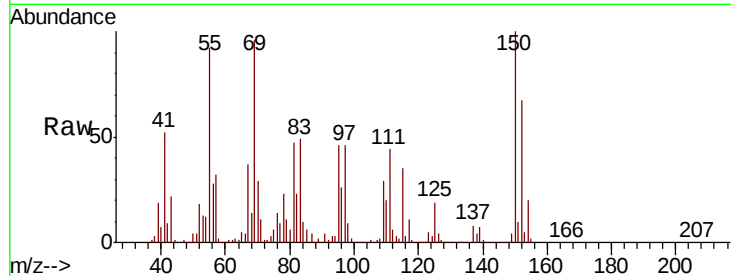
Tot Ion:152 Resp: 521070

Ion Ratio Lower Upper

152 100

115 40.6 27.8 83.4

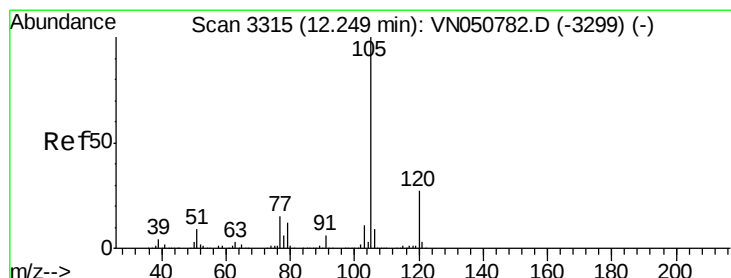
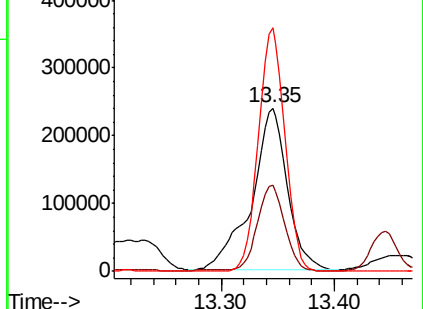
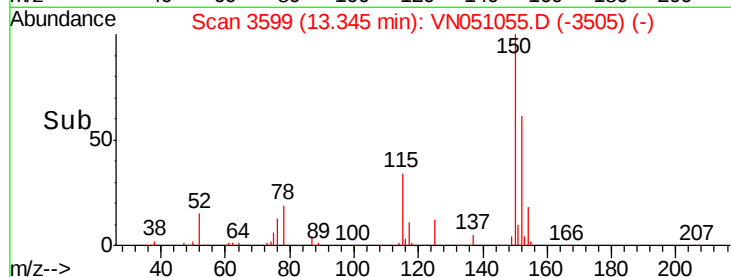
150 111.9 0.0 351.4



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: 84.94 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN051055.D

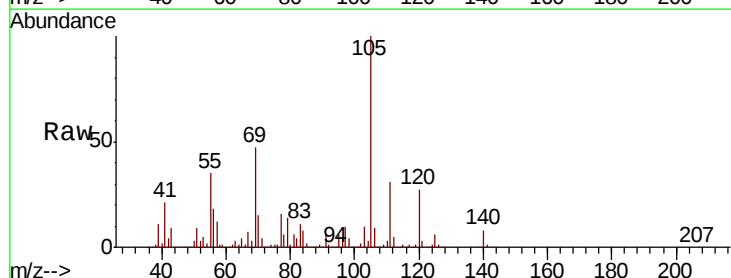
Acq: 7 Sep 2018 15:50

Tgt Ion:105 Resp: 3665002

Ion Ratio Lower Upper

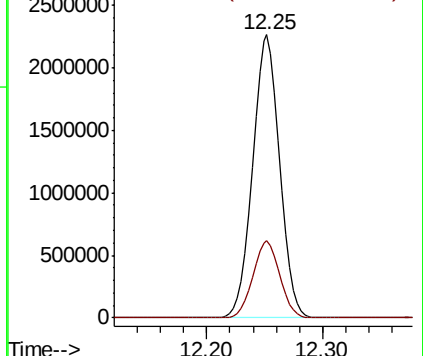
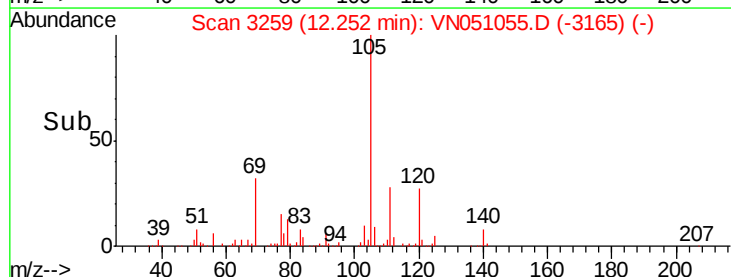
105 100

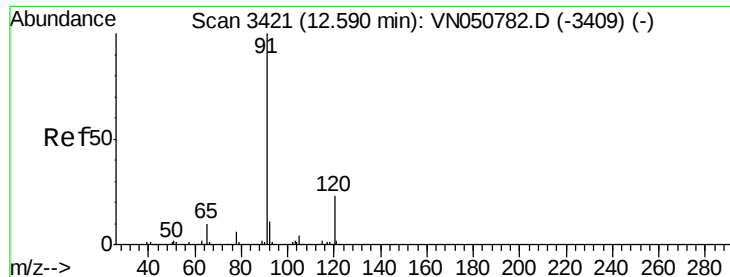
120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 214.83 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051055.D

Acq: 7 Sep 2018 15:50

Instrument :

MSVOA_N

ClientSampleId :

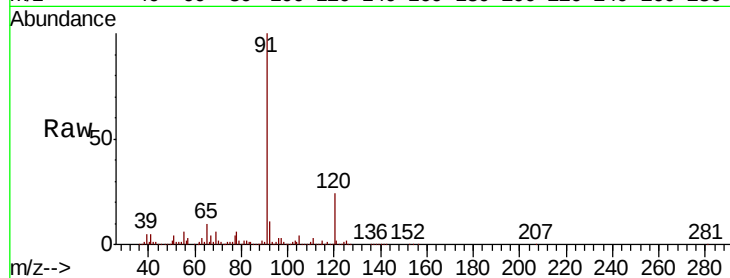
EP1-MW-C(10-15)

Tot Ion: 91 Resp:10354652

Ion Ratio Lower Upper

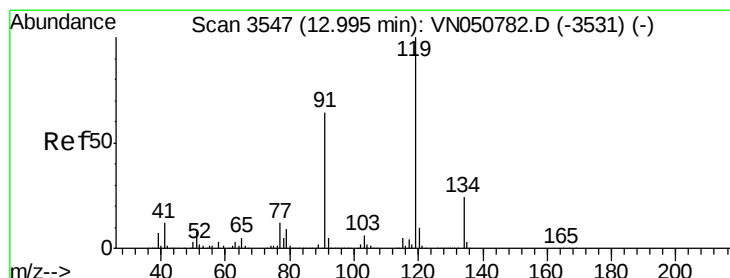
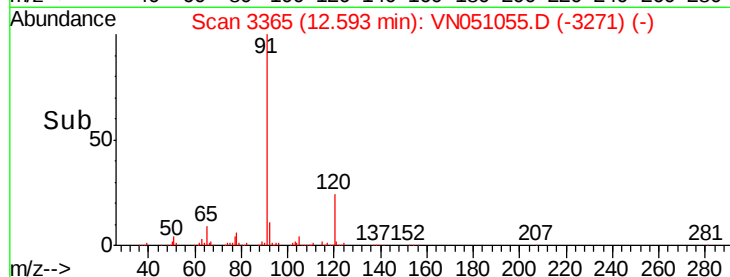
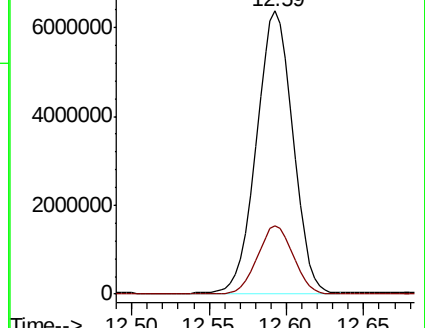
91 100

120 23.9 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) (-)



#83

tert-Butylbenzene

Concen: 20.56 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN051055.D

Acq: 7 Sep 2018 15:50

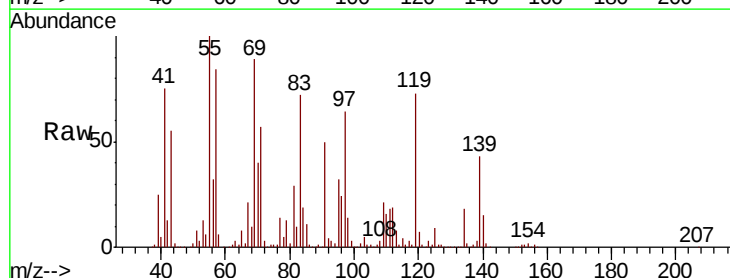
Tgt Ion:119 Resp: 619885

Ion Ratio Lower Upper

119 100

91 74.2 31.6 94.7

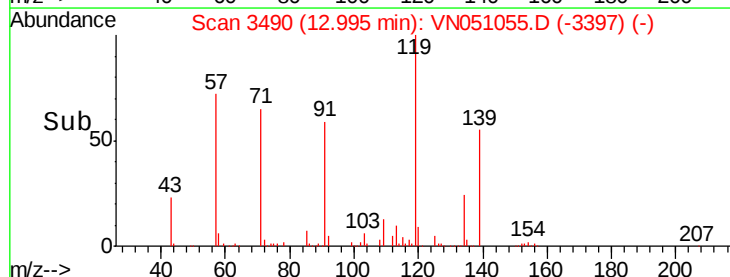
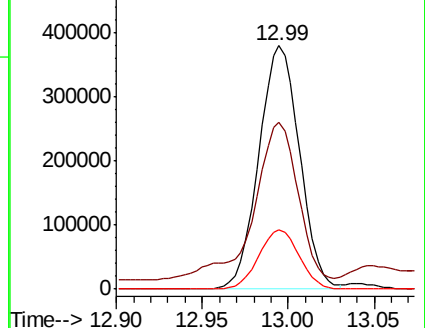
134 24.3 13.4 40.1

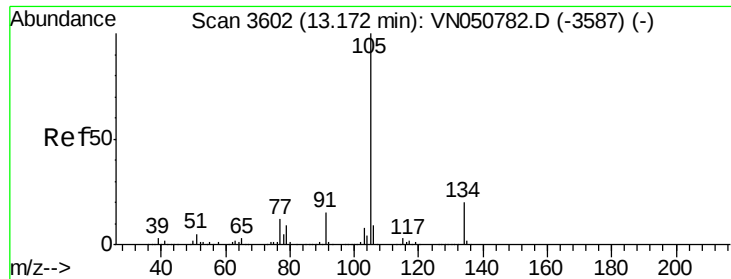


Abundance Ion 119.00 (118.70 to 119.70): VN050782.D (-3531) (-)

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

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

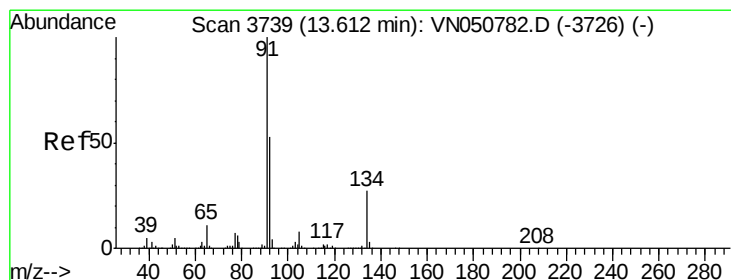
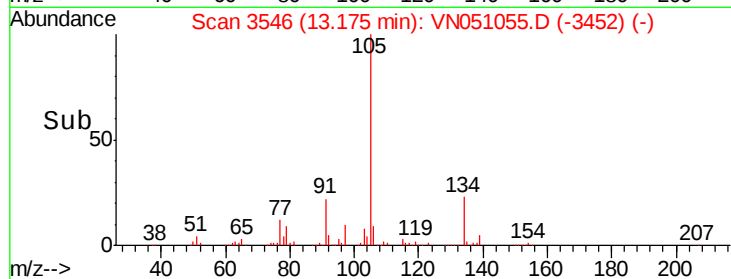
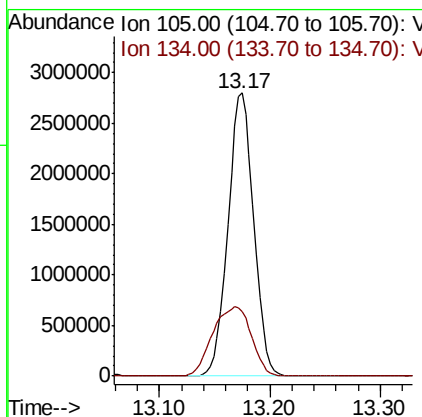
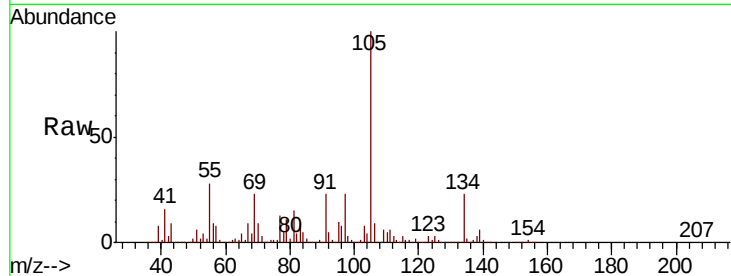




#85
 sec-Butylbenzene
 Concen: 113.87 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN051055.D
 Acq: 7 Sep 2018 15:50

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

Tot Ion:105 Resp: 4498844
 Ion Ratio Lower Upper
 105 100
 134 37.0 10.3 30.8#



#89
 n-Butylbenzene
 Concen: 109.89 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN051055.D
 Acq: 7 Sep 2018 15:50

Tgt Ion: 91 Resp: 2958870
 Ion Ratio Lower Upper
 91 100
 92 50.6 26.1 78.2
 134 39.5 13.2 39.6

