

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
 Data File : VN051058.D
 Acq On : 7 Sep 2018 17:05
 Operator : MD\SY
 Sample : J4693-10DL 4X
 Misc : 5.91g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Sep 10 11:44:18 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

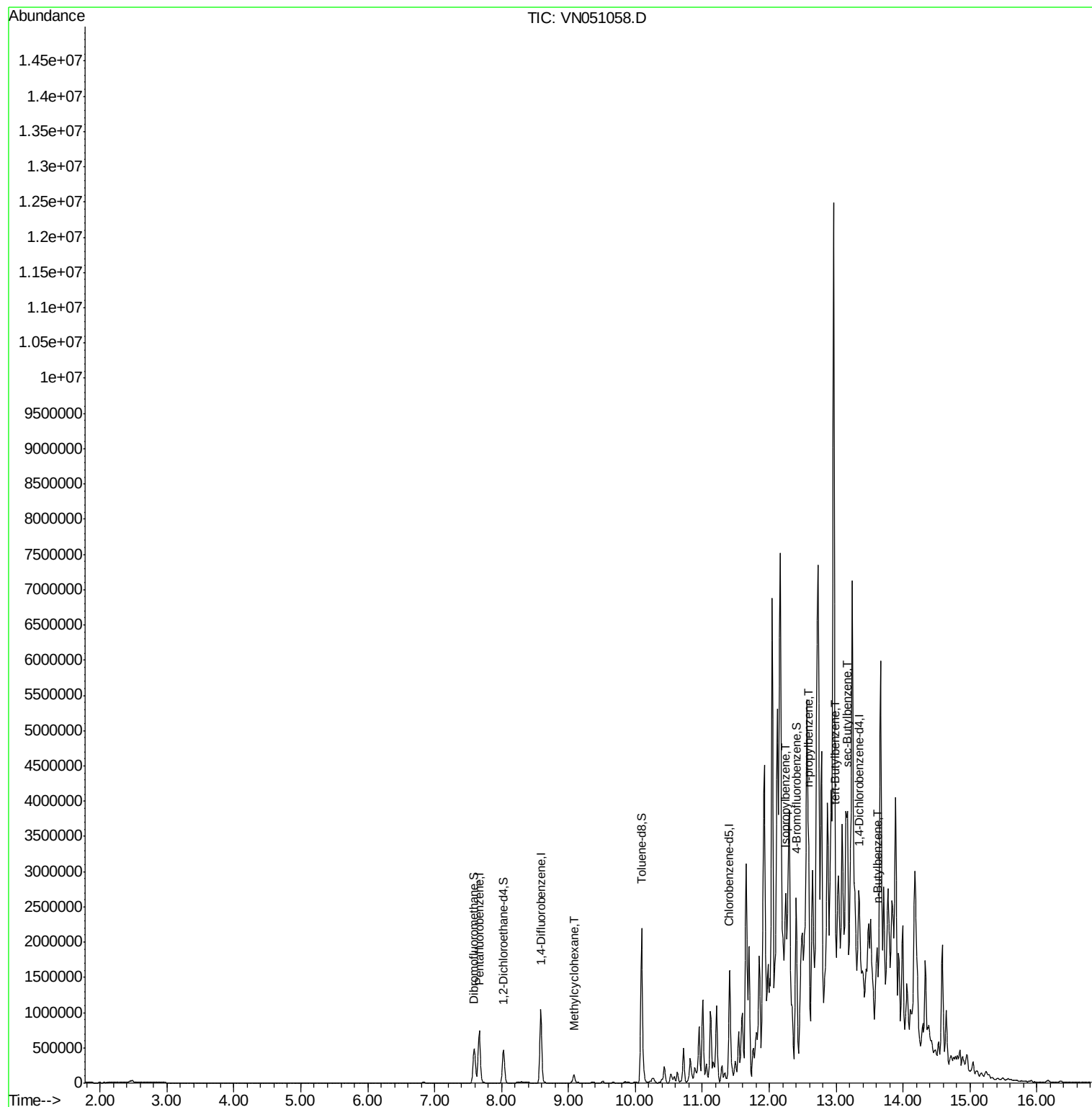
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	661797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1003252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	960079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	460040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	396505	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	7.59	113	373896	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
50) Toluene-d8	10.09	98	1465904	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	12.40	95	591486	59.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.30%	
Target Compounds						
39) Methylcyclohexane	9.08	83	49889	3.90	ug/l	98
73) Isopropylbenzene	12.25	105	691445	18.15	ug/l	100
78) n-propylbenzene	12.59	91	2026386	47.62	ug/l	99
83) tert-Butylbenzene	12.99	119	113633	4.27	ug/l	90
85) sec-Butylbenzene	13.17	105	822610	23.58	ug/l #	68
89) n-Butylbenzene	13.62	91	490544	20.64	ug/l #	88

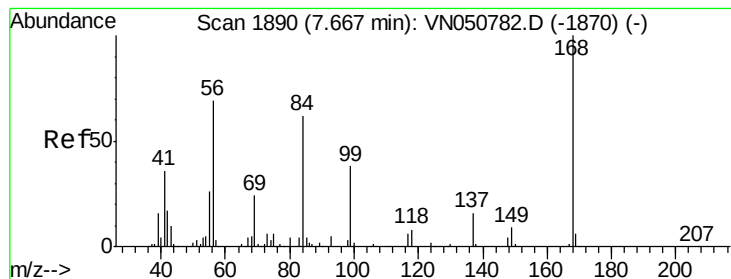
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090718\
Data File : VN051058.D
Acq On : 7 Sep 2018 17:05
Operator : MD\SY
Sample : J4693-10DL 4X
Misc : 5.91µ/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Sep 10 11:44:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
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: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

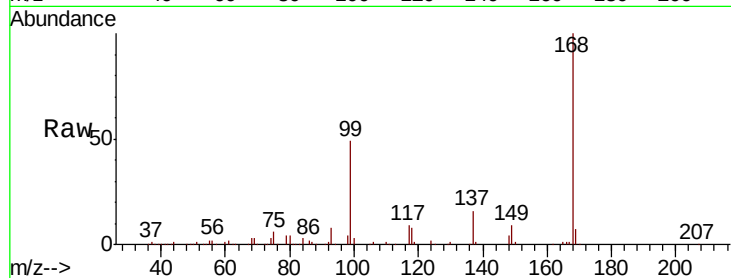
EP1-MW-C(15-20)DL

Tot Ion:168 Resp: 661797

Ion Ratio Lower Upper

168 100

99 49.3 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN051058.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN051058.D (-1870) (-)

7.67

250000

200000

150000

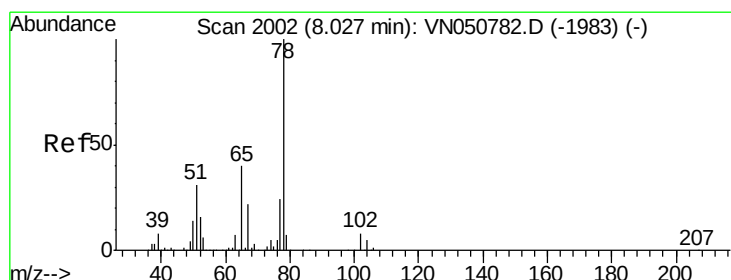
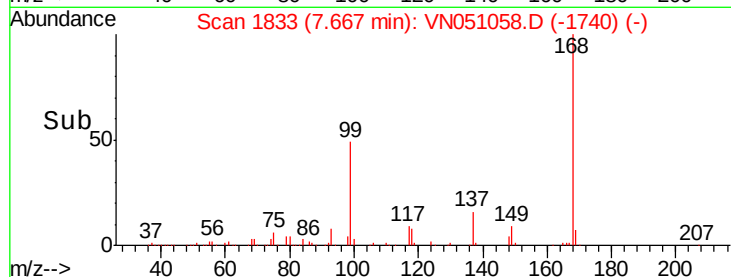
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.77 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN051058.D

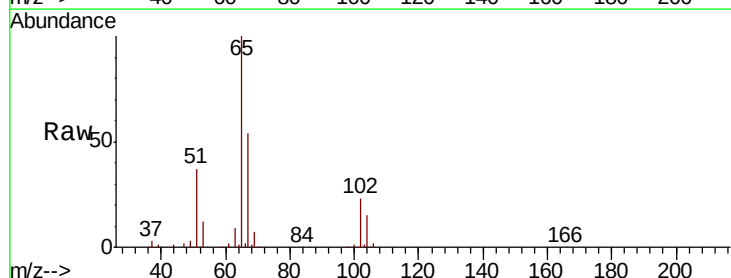
Acq: 7 Sep 2018 17:05

Tgt Ion: 65 Resp: 396505

Ion Ratio Lower Upper

65 100

67 54.5 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN051058.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN051058.D (-1983) (-)

8.03

200000

150000

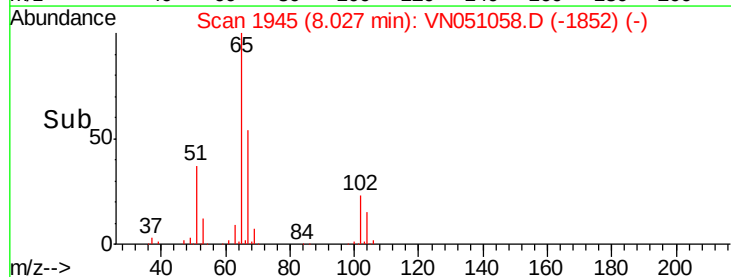
100000

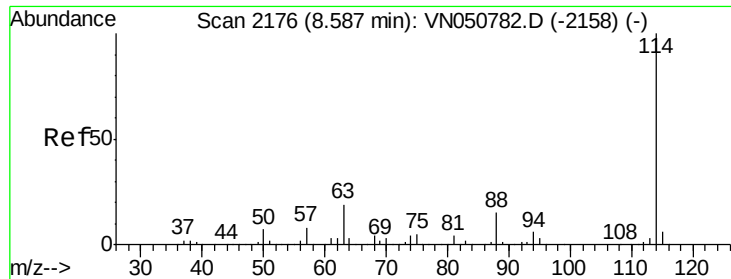
50000

0

7.90 8.00 8.10 8.20

Time-->

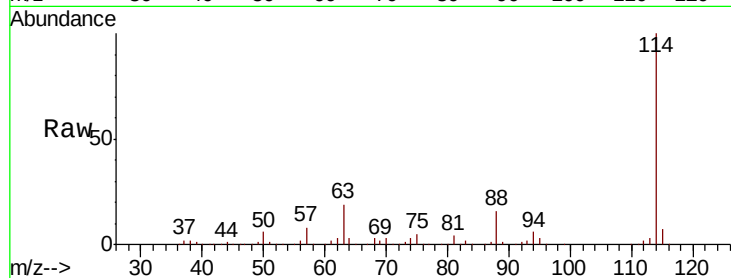




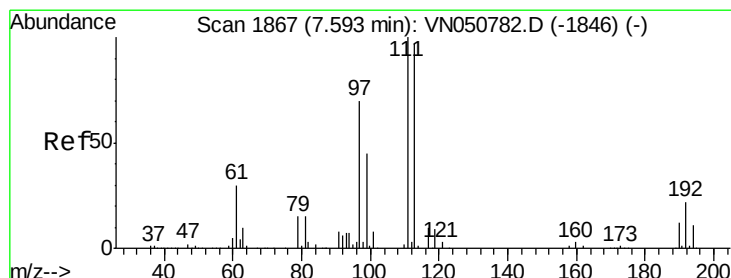
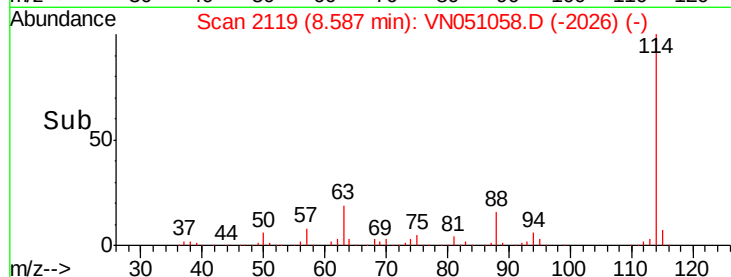
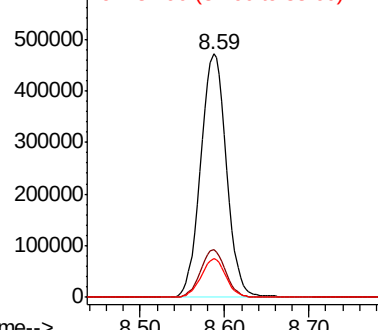
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051058.D
 Acq: 7 Sep 2018 17:05

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

Tot Ion:114 Resp: 1003252
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.8 0.0 30.6

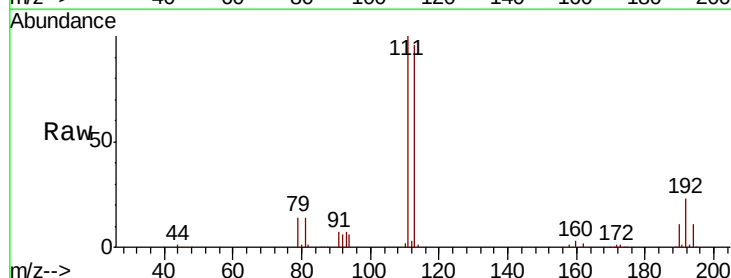


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

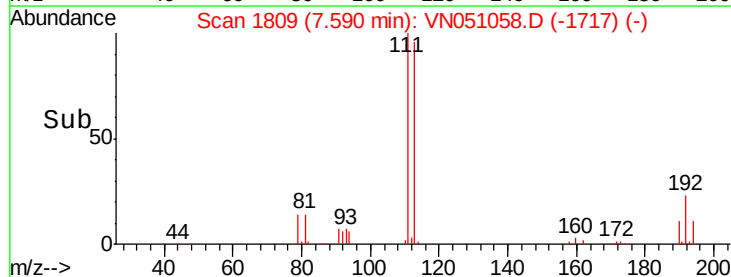
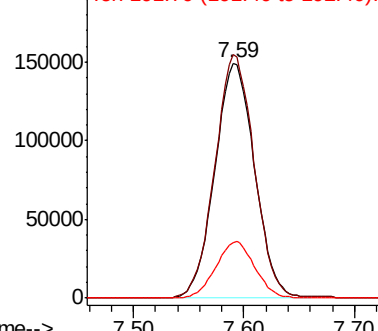


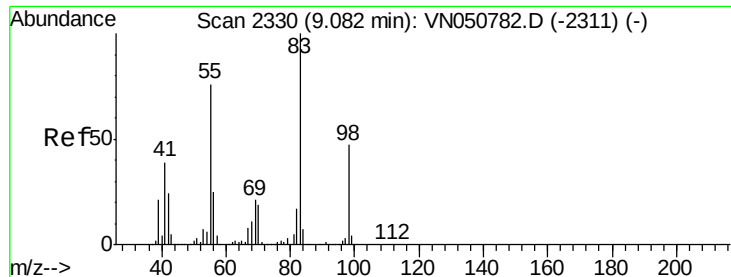
#35
 Dibromofluoromethane
 Concen: 46.85 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051058.D
 Acq: 7 Sep 2018 17:05

Tgt Ion:113 Resp: 373896
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.6 123.8
 192 23.7 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

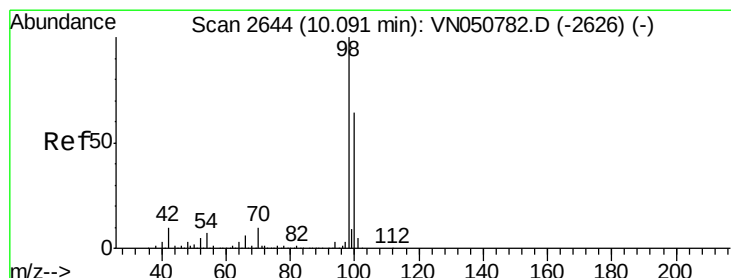
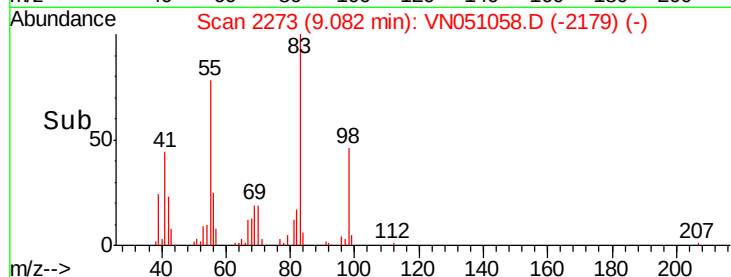
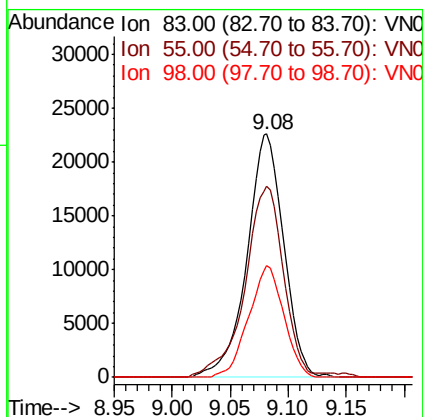
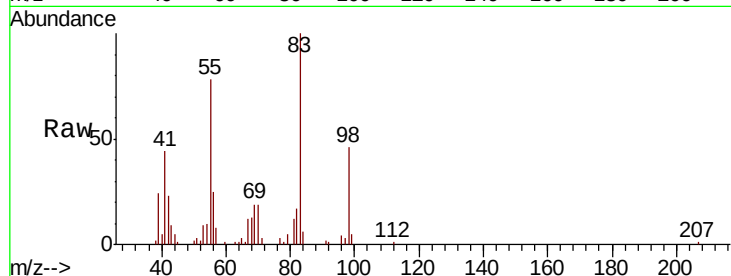




#39
Methylcyclohexane
Concen: 3.90 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051058.D
Acq: 7 Sep 2018 17:05

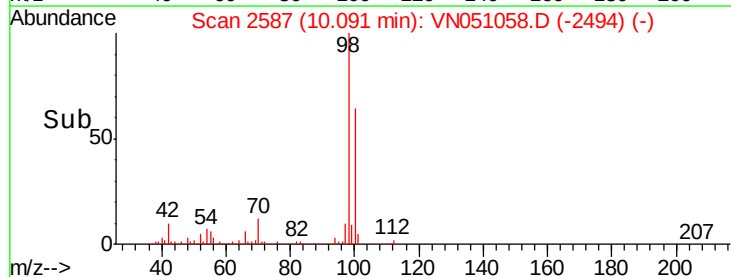
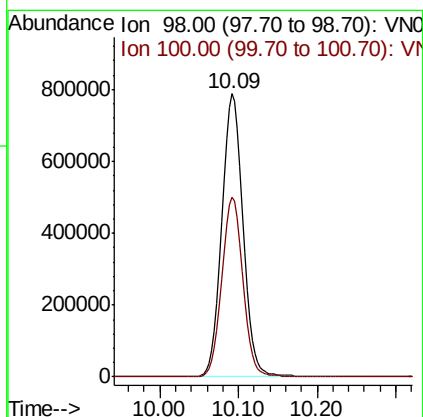
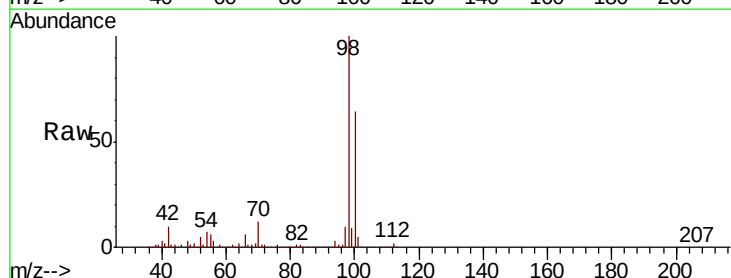
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)DL

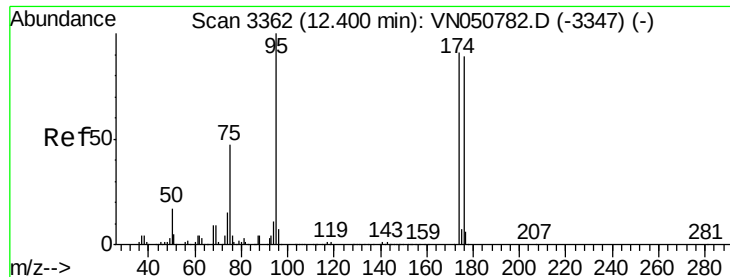
Tot Ion: 83 Resp: 49889
Ion Ratio Lower Upper
83 100
55 78.4 61.0 91.4
98 45.8 37.5 56.3



#50
Toluene-d8
Concen: 49.12 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051058.D
Acq: 7 Sep 2018 17:05

Tgt Ion: 98 Resp: 1465904
Ion Ratio Lower Upper
98 100
100 63.2 51.5 77.3

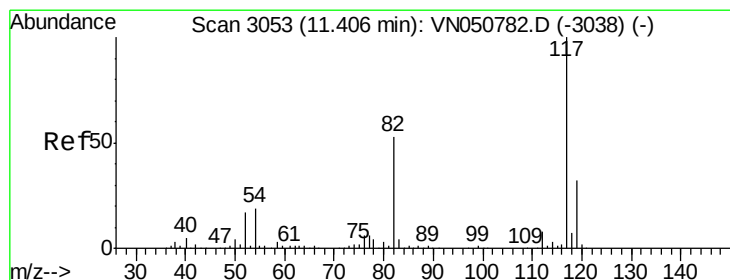
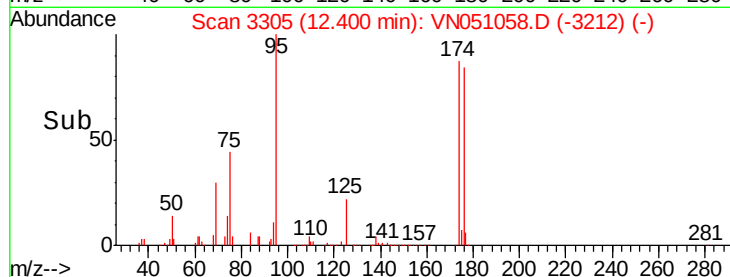
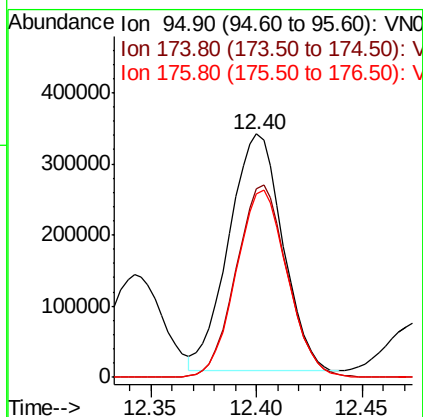
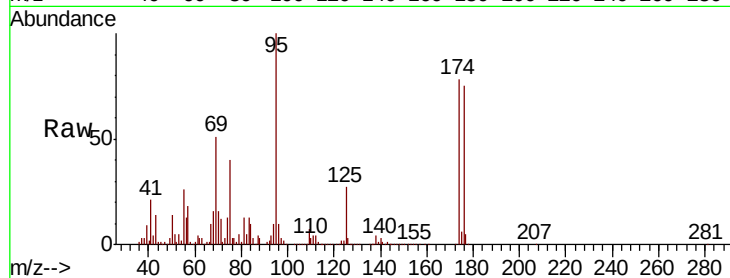




#62
4-Bromofluorobenzene
Concen: 59.65 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051058.D
Acq: 7 Sep 2018 17:05

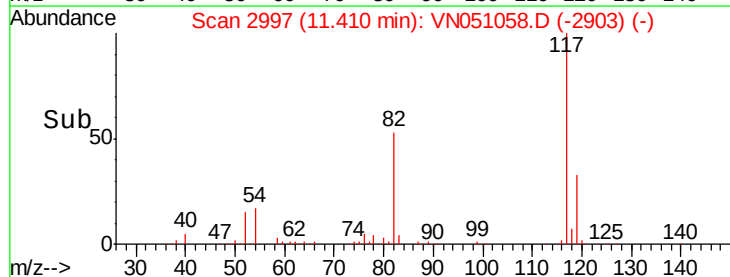
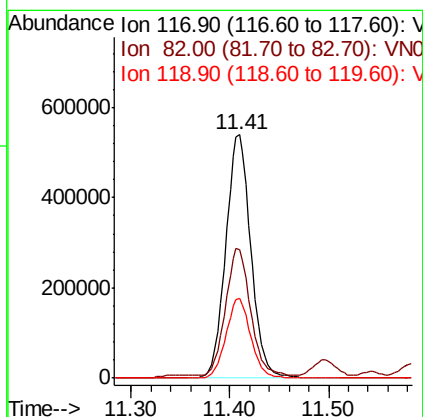
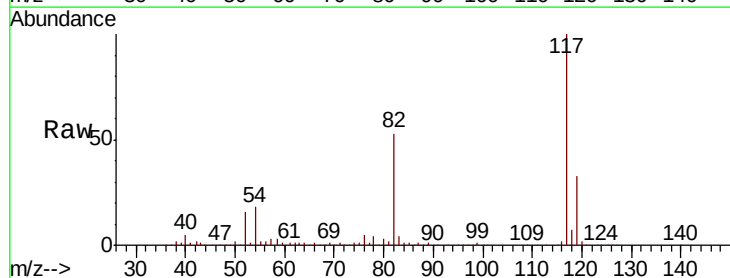
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)DL

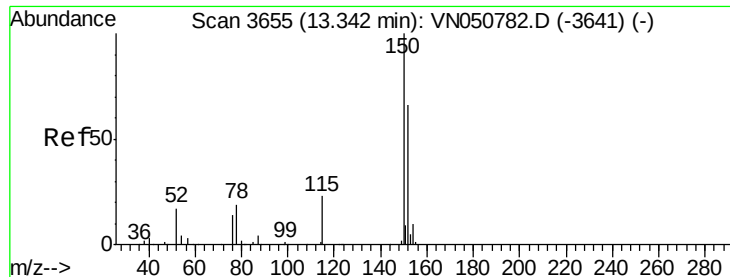
Tot Ion: 95 Resp: 591486
Ion Ratio Lower Upper
95 100
174 77.2 0.0 183.0
176 75.3 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051058.D
Acq: 7 Sep 2018 17:05

Tgt Ion: 117 Resp: 960079
Ion Ratio Lower Upper
117 100
82 51.7 42.6 64.0
119 32.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)DL

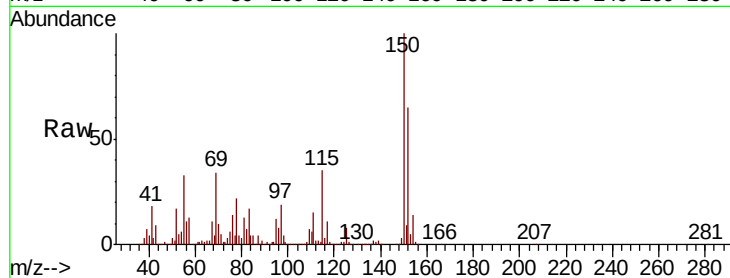
Tot Ion:152 Resp: 460040

Ion Ratio Lower Upper

152 100

115 51.9 27.8 83.4

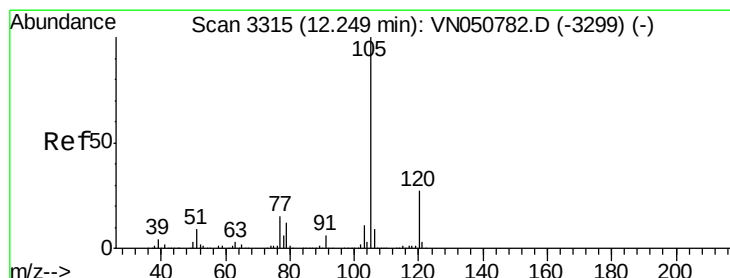
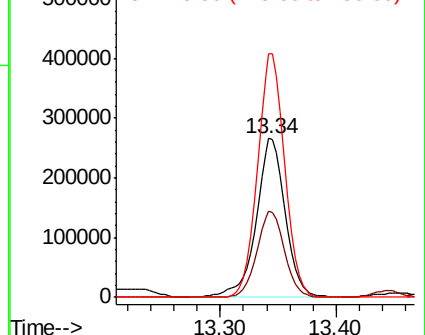
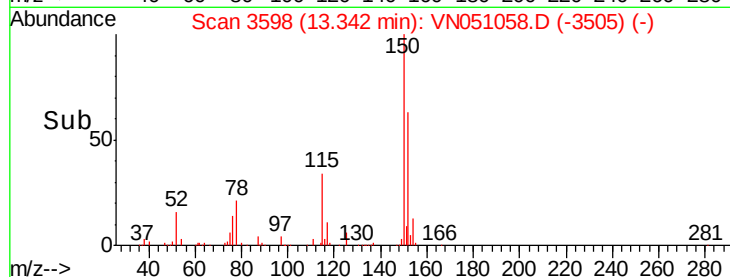
150 144.7 0.0 351.4



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: 18.15 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051058.D

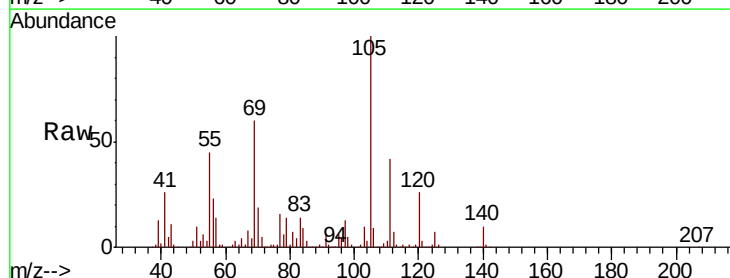
Acq: 7 Sep 2018 17:05

Tgt Ion:105 Resp: 691445

Ion Ratio Lower Upper

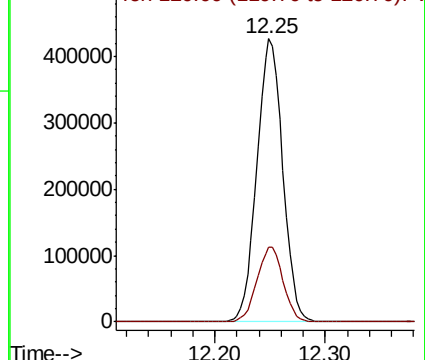
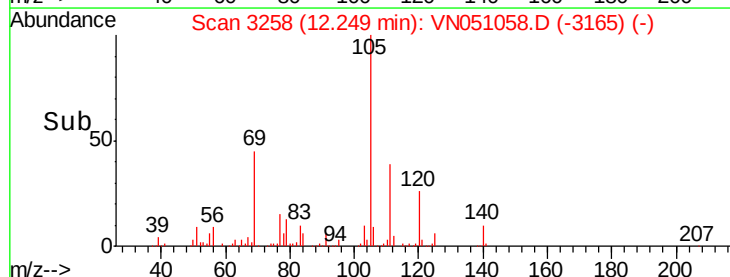
105 100

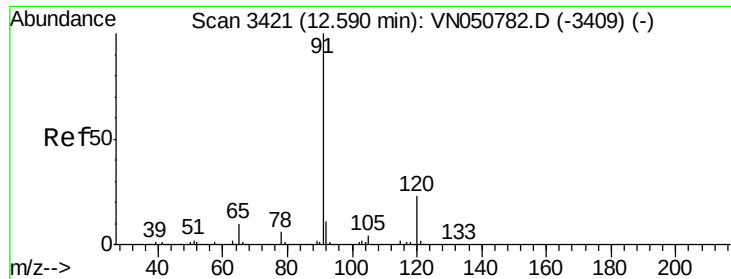
120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 47.62 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

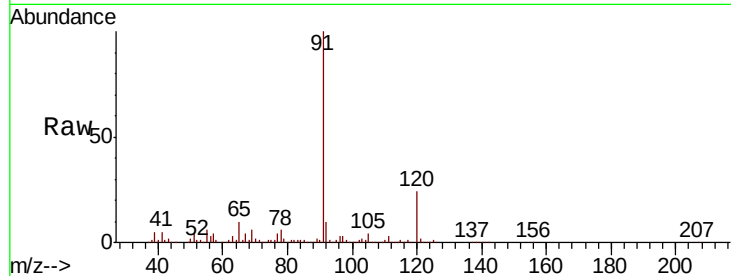
EP1-MW-C(15-20)DL

Tot Ion: 91 Resp: 2026386

Ion Ratio Lower Upper

91 100

120 23.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN051058.D (-3365) (-)

Ion 120.00 (119.70 to 120.70): VN051058.D (-3365) (-)

12.59

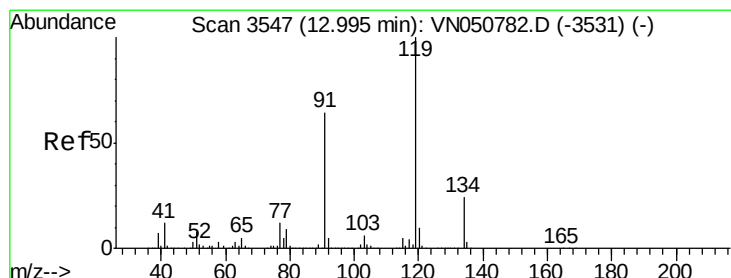
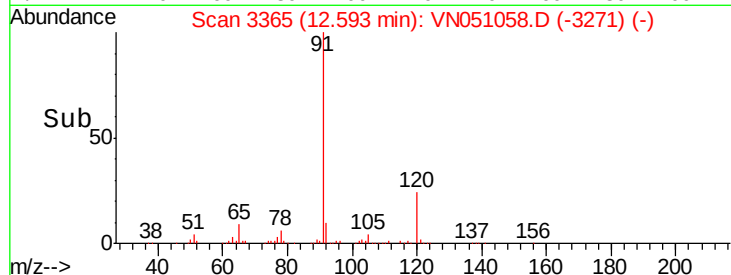
1500000

1000000

500000

0

Time-->



#83

tert-Butylbenzene

Concen: 4.27 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

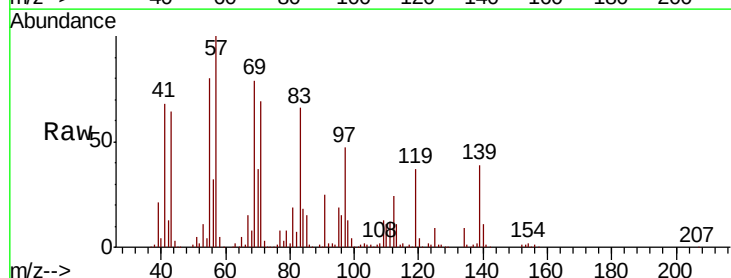
Tgt Ion: 119 Resp: 113633

Ion Ratio Lower Upper

119 100

91 72.8 31.6 94.7

134 24.8 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): VN051058.D (-3490) (-)

Ion 91.00 (90.70 to 91.70): VN051058.D (-3490) (-)

Ion 134.00 (133.70 to 134.70): VN051058.D (-3490) (-)

12.99

80000

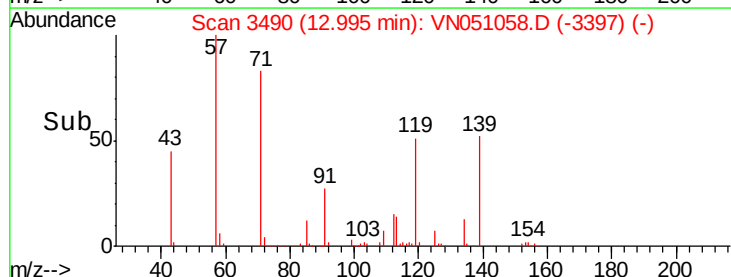
60000

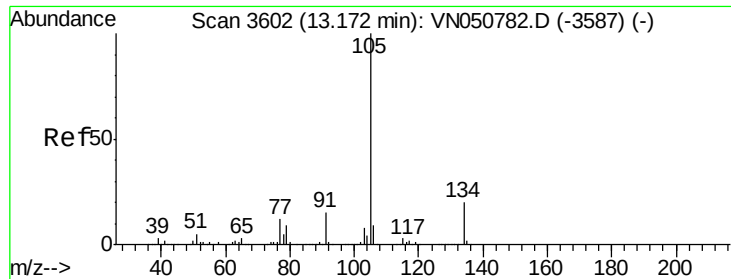
40000

20000

0

Time-->





#85

sec-Butylbenzene

Concen: 23.58 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

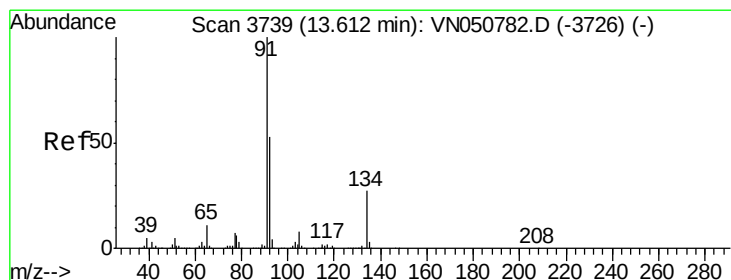
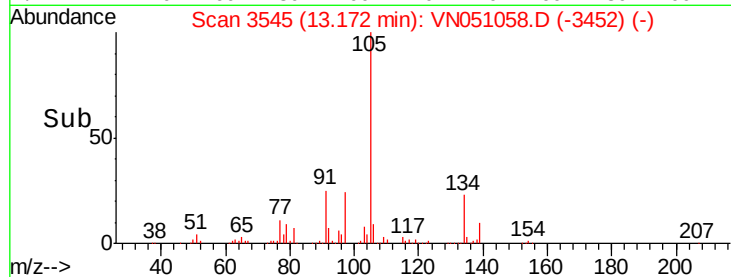
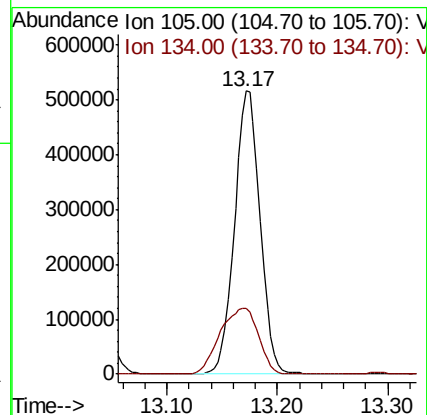
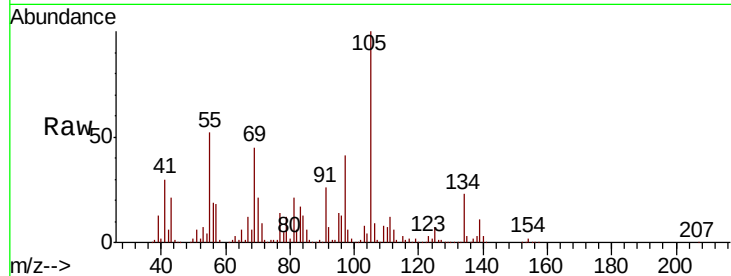
EP1-MW-C(15-20)DL

Tot Ion:105 Resp: 822610

Ion Ratio Lower Upper

105 100

134 35.2 10.3 30.8#



#89

n-Butylbenzene

Concen: 20.64 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

Tgt Ion: 91 Resp: 490544

Ion Ratio Lower Upper

91 100

92 50.0 26.1 78.2

134 41.1 13.2 39.6#

