

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112119\
 Data File : VN059333.D
 Acq On : 21 Nov 2019 14:22
 Operator : JC/SP
 Sample : K5957-07 10X
 Misc : 3.31g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-(12-14)

Quant Time: Nov 22 06:25:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

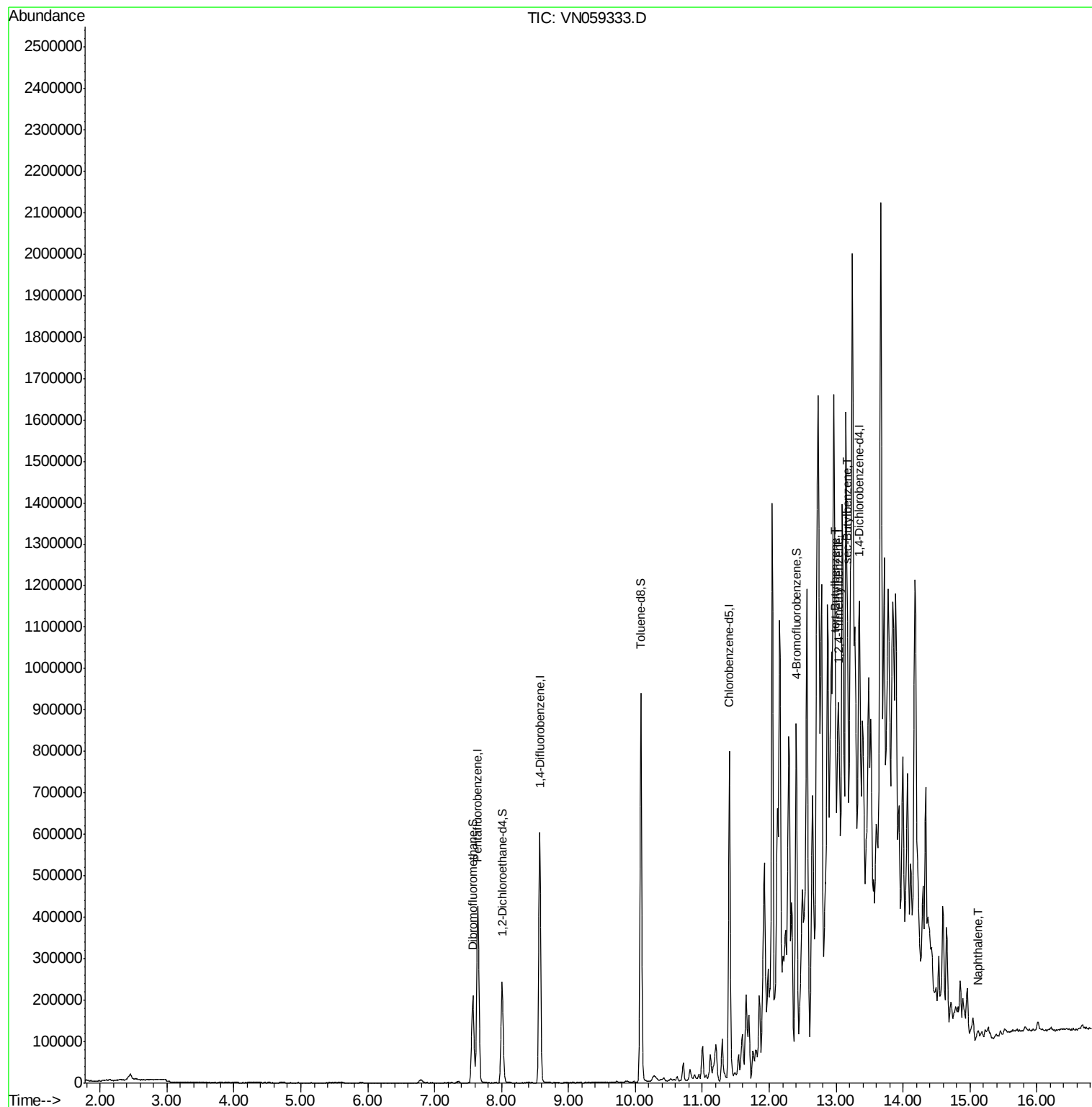
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	362892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	551547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	468408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	192169	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	207550	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
35) Dibromofluoromethane	7.57	113	164585	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	10.08	98	661399	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.40	95	223747	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
Target Compounds						
83) tert-Butylbenzene	13.00	119	18731	1.676	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	35074	2.706	ug/l	99
85) sec-Butylbenzene	13.17	105	62194	4.140	ug/l #	75
95) Naphthalene	15.13	128	17995	4.656	ug/l #	93

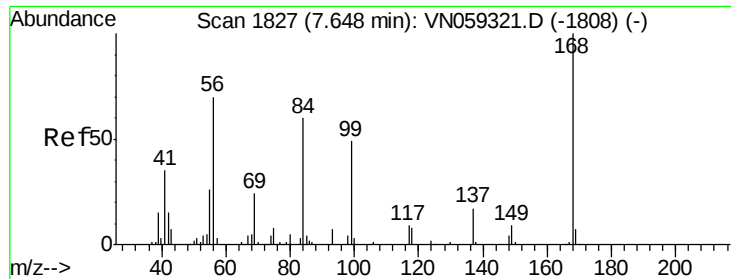
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059333.D

Acq: 21 Nov 2019 14:22

Instrument :

MSVOA_N

ClientSampleId :

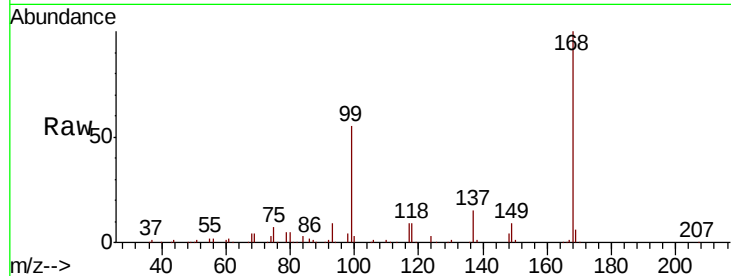
MW-4-(12-14)

Tot Ion:168 Resp: 362892

Ion Ratio Lower Upper

168 100

99 54.8 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

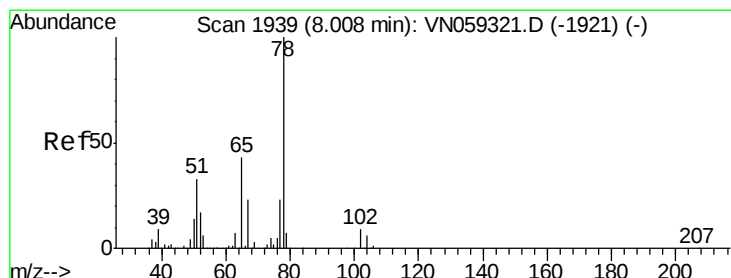
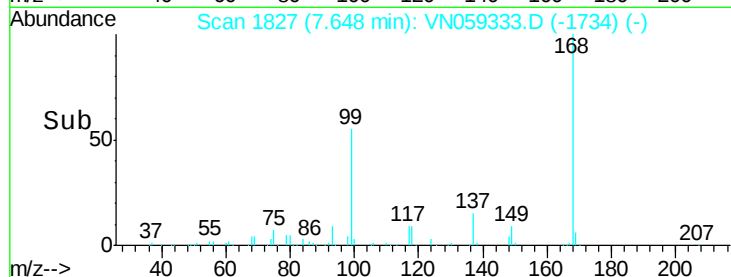
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 47.668 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059333.D

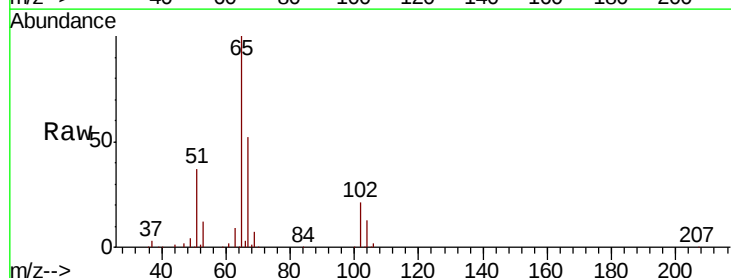
Acq: 21 Nov 2019 14:22

Tgt Ion: 65 Resp: 207550

Ion Ratio Lower Upper

65 100

67 53.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

100000

80000

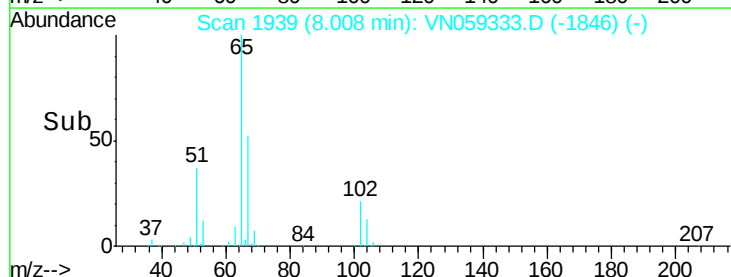
60000

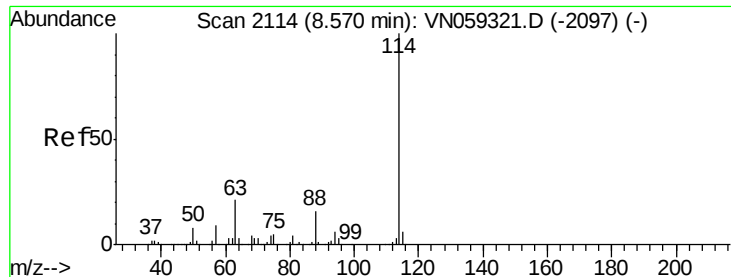
40000

20000

0

Time--> 7.90 8.00 8.10 8.20

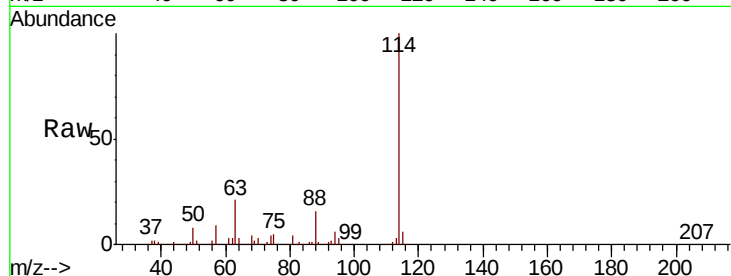




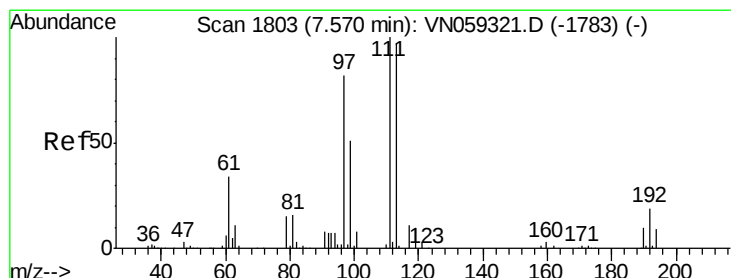
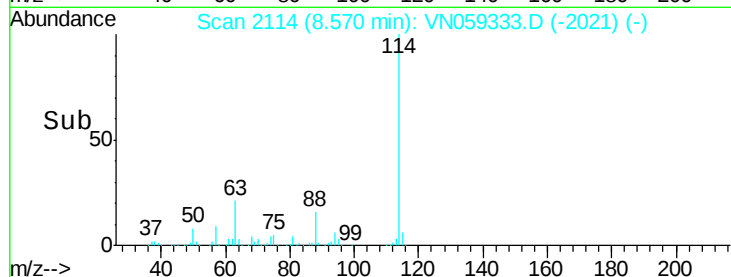
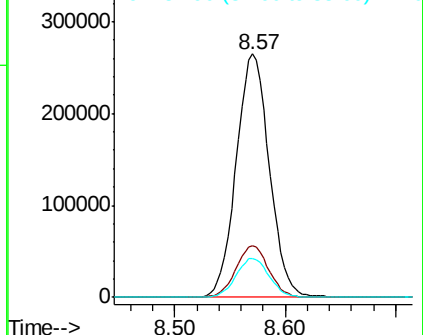
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059333.D
 Acq: 21 Nov 2019 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-(12-14)

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.2
88	16.2	0.0	32.2

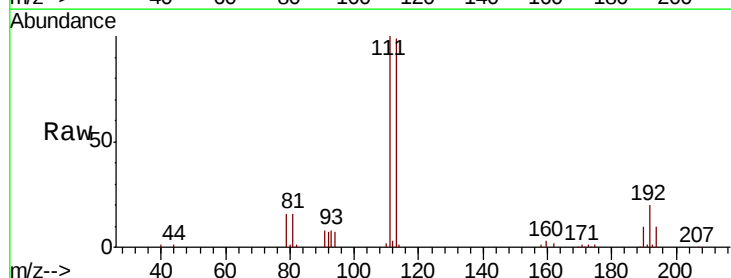


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

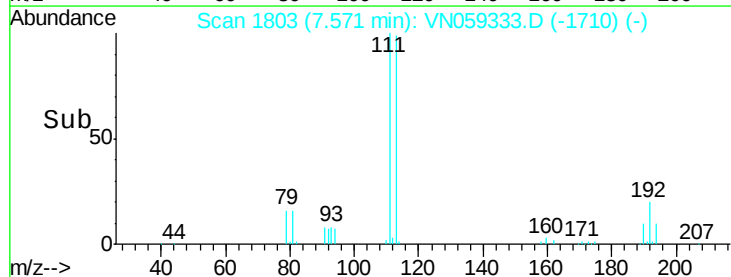
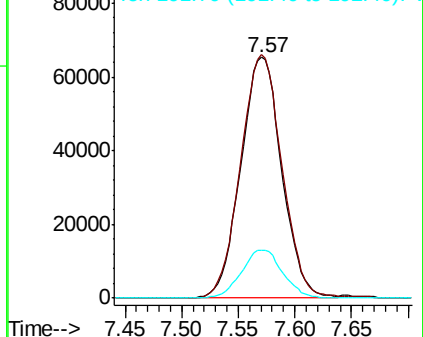


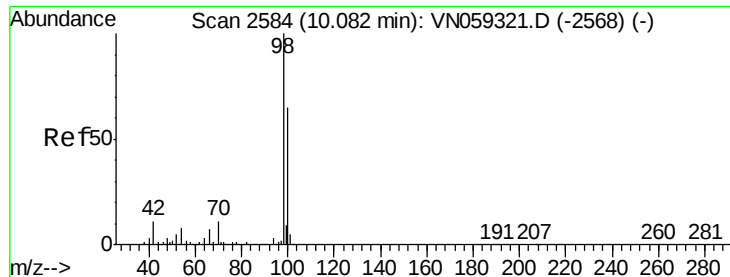
#35
 Dibromofluoromethane
 Concen: 49.739 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059333.D
 Acq: 21 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.7	124.1
192	20.3	16.3	24.5



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





#50

Toluene-d8

Concen: 50.279 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059333.D

Acq: 21 Nov 2019 14:22

Instrument :

MSVOA_N

ClientSampleId :

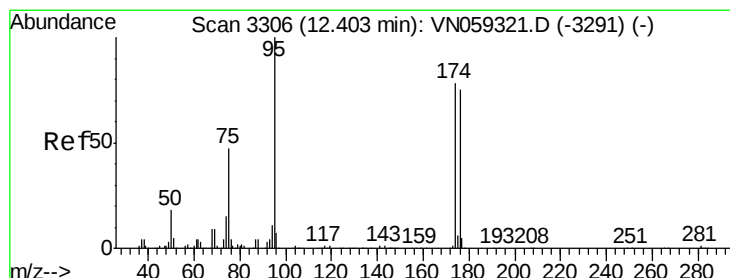
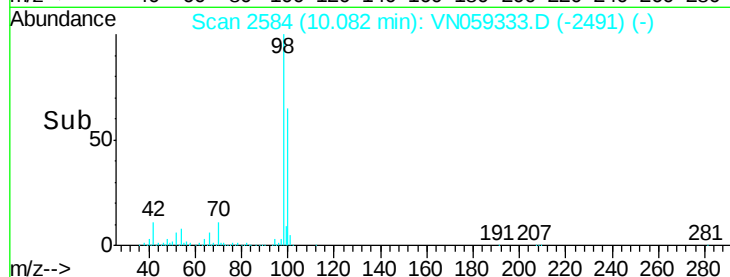
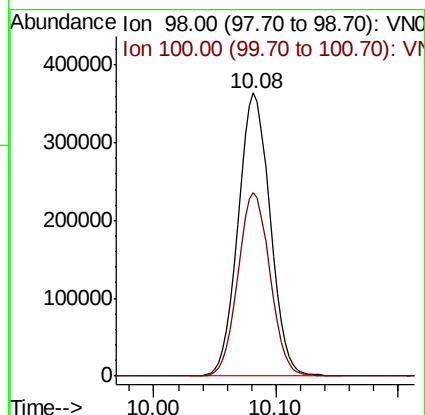
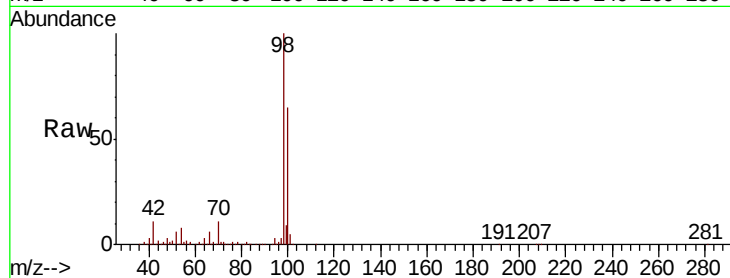
MW-4-(12-14)

Tot Ion: 98 Resp: 661399

Ion Ratio Lower Upper

98 100

100 65.1 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 48.645 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059333.D

Acq: 21 Nov 2019 14:22

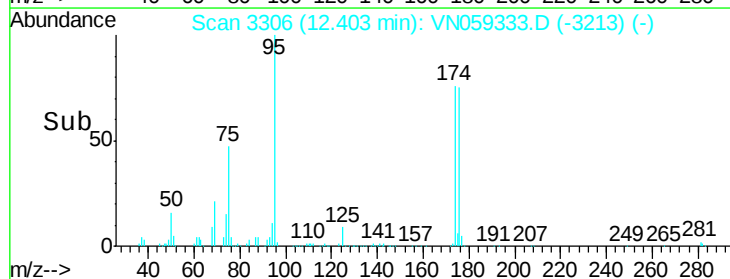
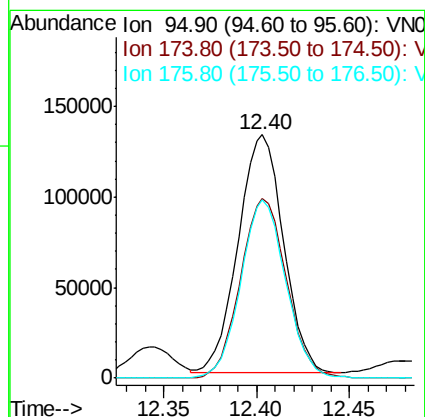
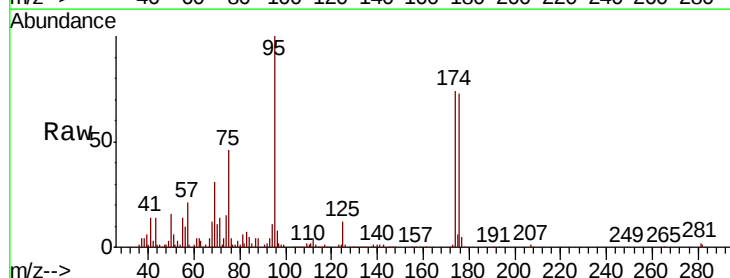
Tgt Ion: 95 Resp: 223747

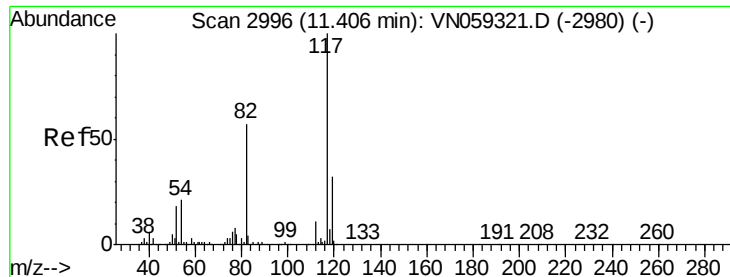
Ion Ratio Lower Upper

95 100

174 76.6 0.0 157.4

176 74.0 0.0 151.2

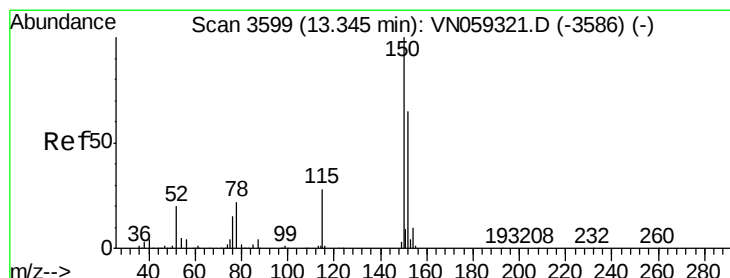
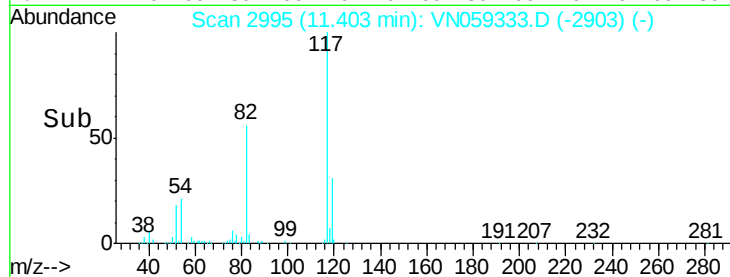
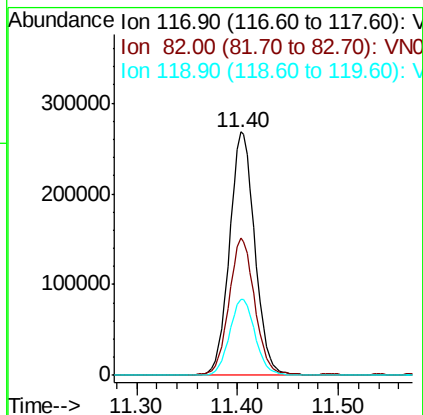
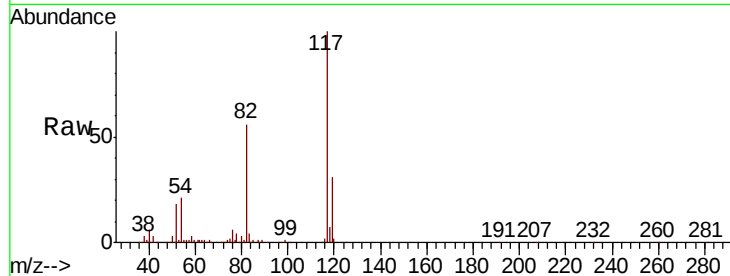




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

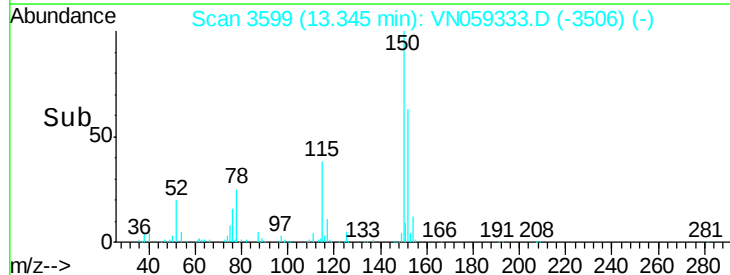
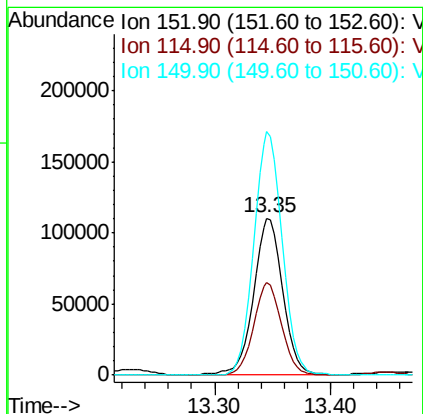
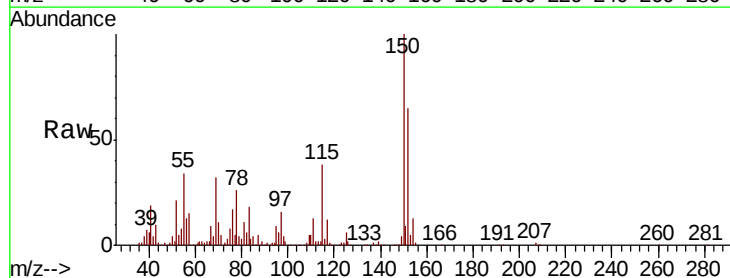
Instrument :
MSVOA_N
ClientSampleId :
MW-4-(12-14)

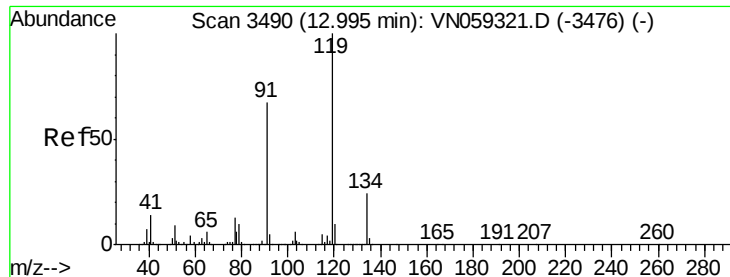
Tot Ion:117 Resp: 468408
Ion Ratio Lower Upper
117 100
82 55.9 45.7 68.5
119 31.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059333.D
Acq: 21 Nov 2019 14:22

Tgt Ion:152 Resp: 192169
Ion Ratio Lower Upper
152 100
115 56.1 29.3 88.0
150 152.5 0.0 346.0

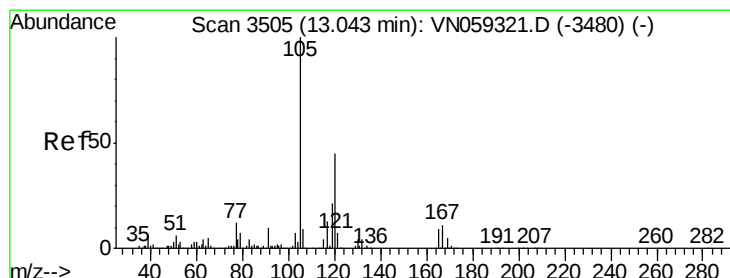
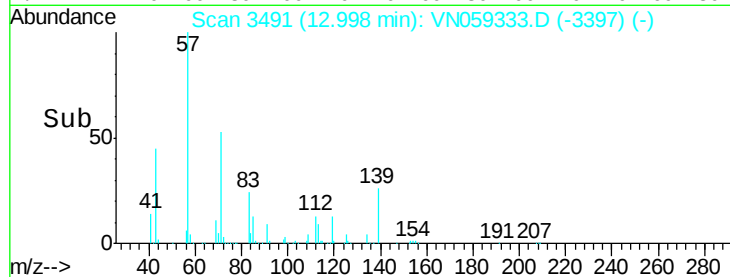
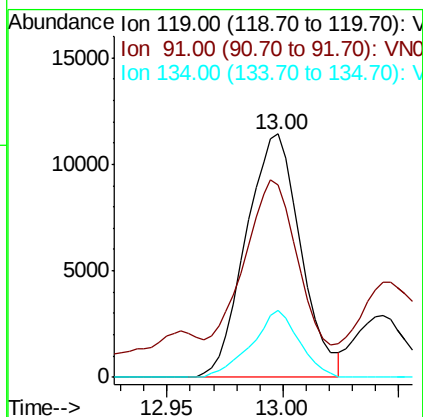
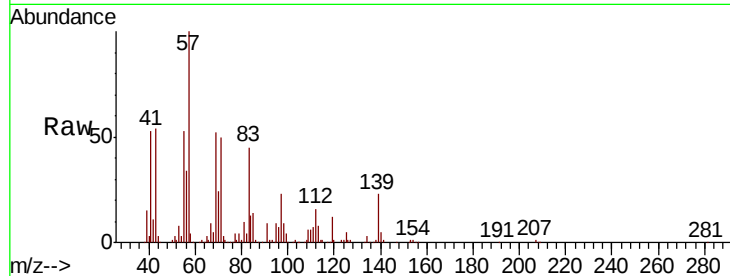




#83
 tert-Butylbenzene
 Concen: 1.676 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN059333.D
 Acq: 21 Nov 2019 14:22

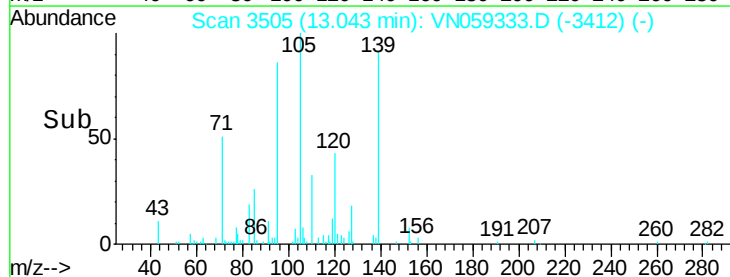
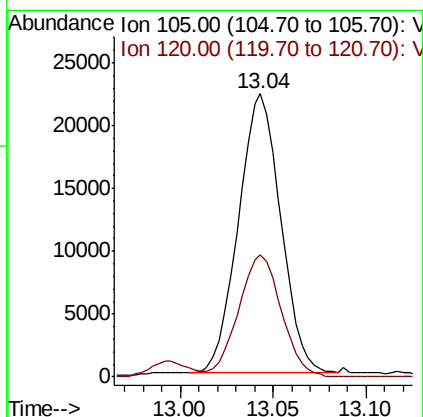
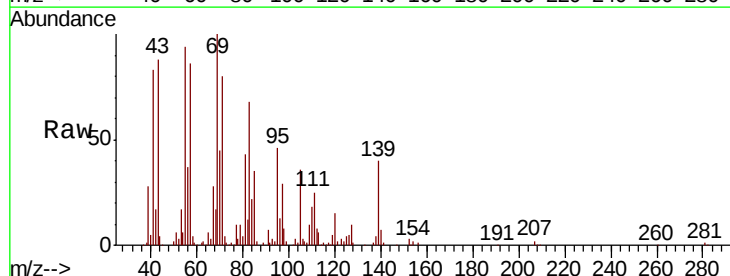
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4-(12-14)

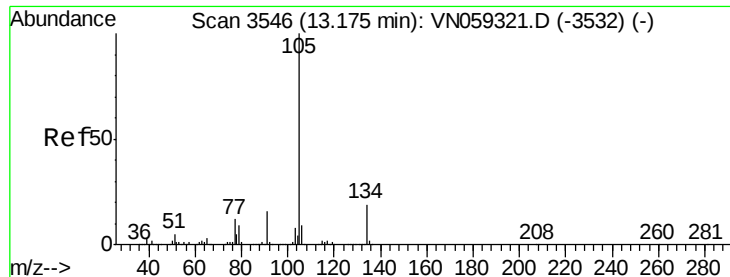
Tot Ion:119 Resp: 18731
 Ion Ratio Lower Upper
 119 100
 91 63.3 32.8 98.4
 134 23.9 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 2.706 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059333.D
 Acq: 21 Nov 2019 14:22

Tgt Ion:105 Resp: 35074
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.6 67.8





#85

sec-Butylbenzene

Concen: 4.140 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059333.D

Acq: 21 Nov 2019 14:22

Instrument :

MSVOA_N

ClientSampleId :

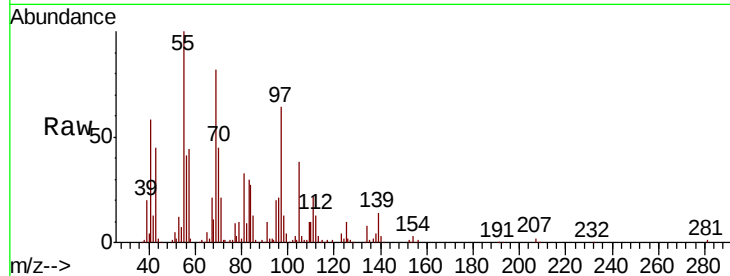
MW-4-(12-14)

Tot Ion:105 Resp: 62194

Ion Ratio Lower Upper

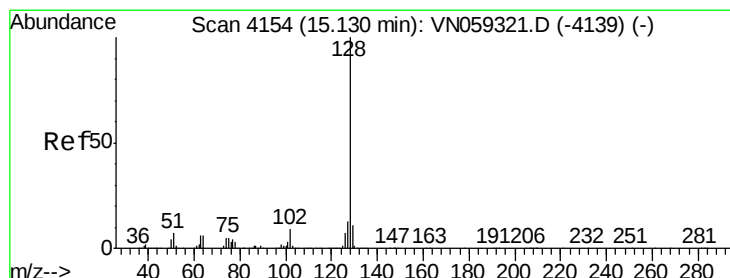
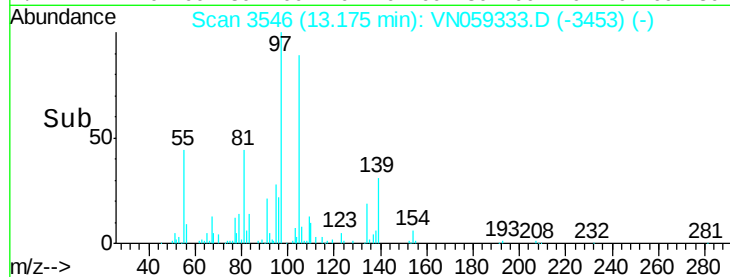
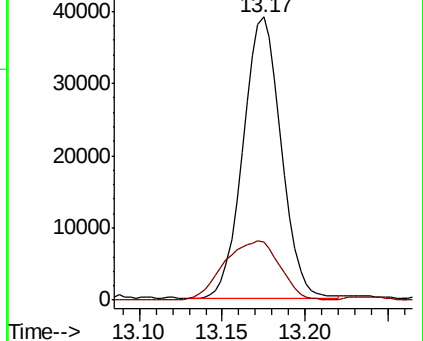
105 100

134 30.9 9.8 29.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 4.656 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059333.D

Acq: 21 Nov 2019 14:22

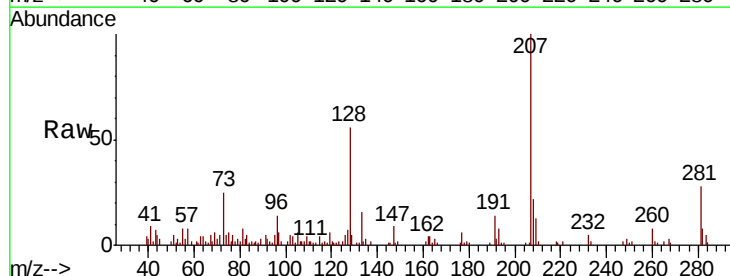
Tgt Ion:128 Resp: 17995

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.2

129 6.7 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

