

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058051.D
 Acq On : 14 Sep 2019 4:54
 Operator : JC/SP
 Sample : VN0914WBL04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBL04

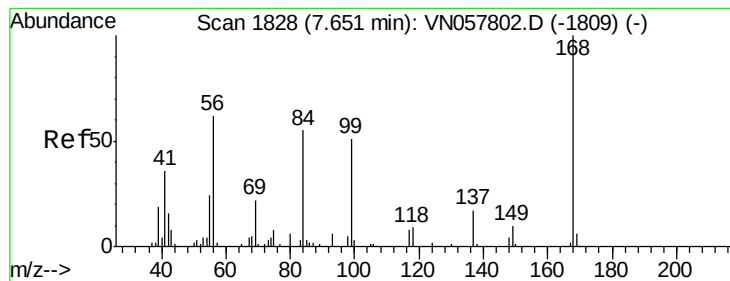
Quant Time: Sep 14 06:49:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	321498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	533204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	472555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	251322	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	348186	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
35) Dibromofluoromethane	7.58	113	240354	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	10.09	98	941184	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.41	95	310463	42.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.28%	

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

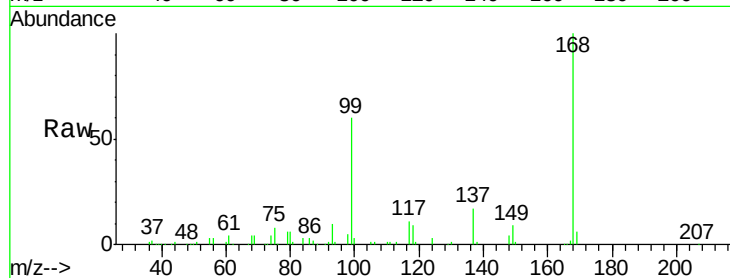
VN0914WBL04

Tot Ion:168 Resp: 321498

Ion Ratio Lower Upper

168 100

99 59.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

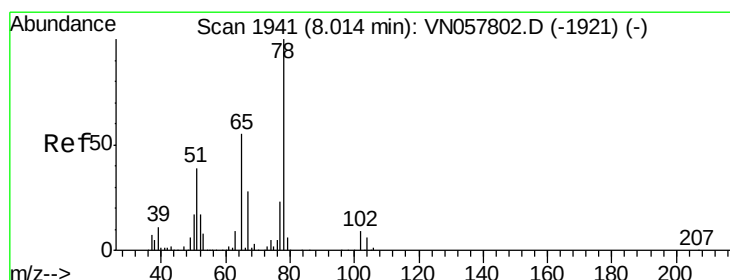
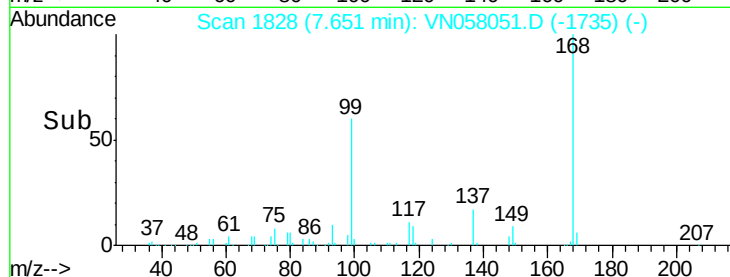
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 53.471 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058051.D

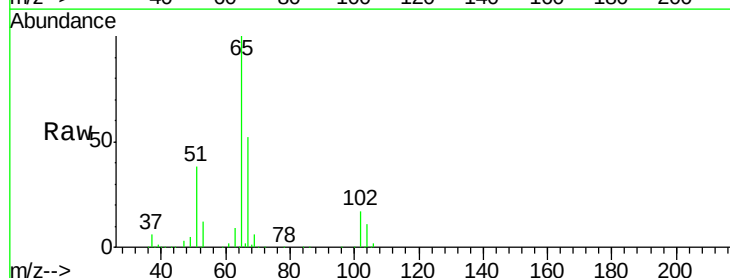
Acq: 14 Sep 2019 4:54

Tgt Ion: 65 Resp: 348186

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

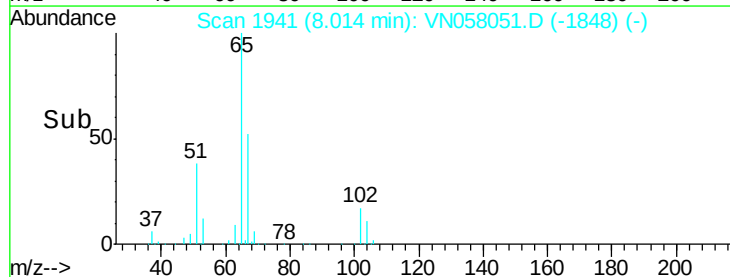
150000

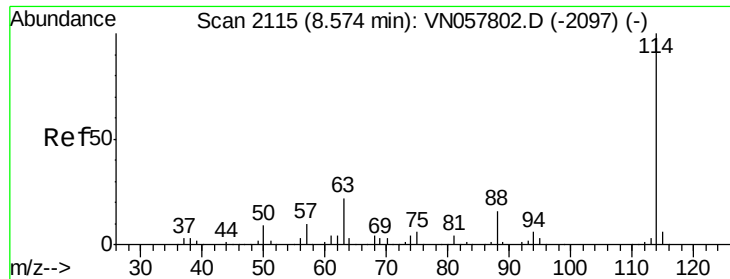
100000

50000

0

Time--> 7.90 8.00 8.10

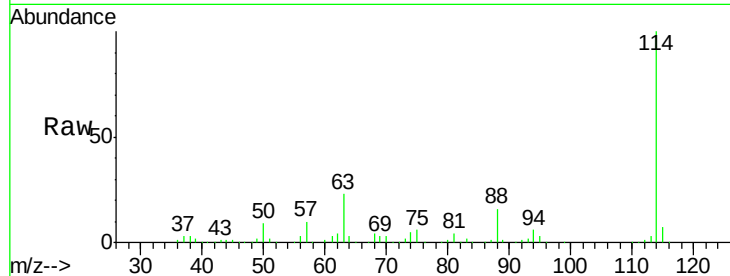




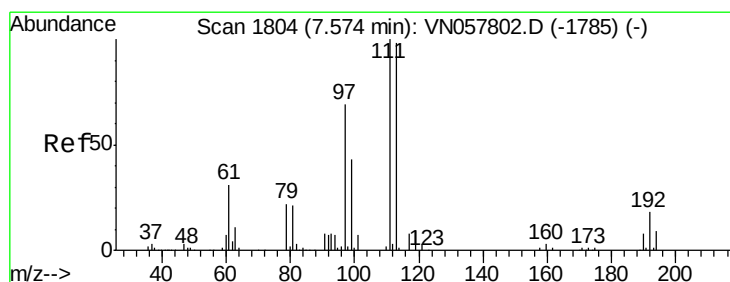
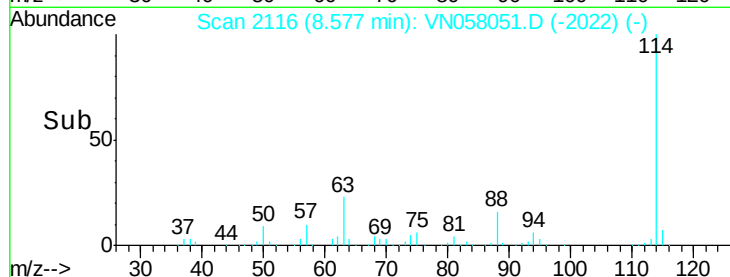
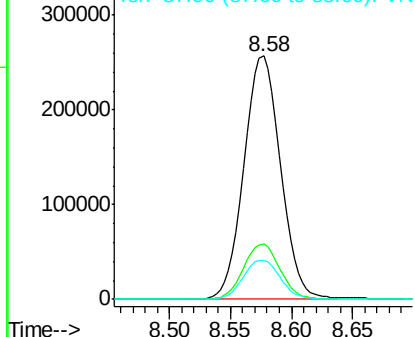
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN058051.D
Acq: 14 Sep 2019 4:54

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBL04

Tot Ion:114 Resp: 533204
Ion Ratio Lower Upper
114 100
63 22.6 0.0 44.0
88 16.2 0.0 31.4

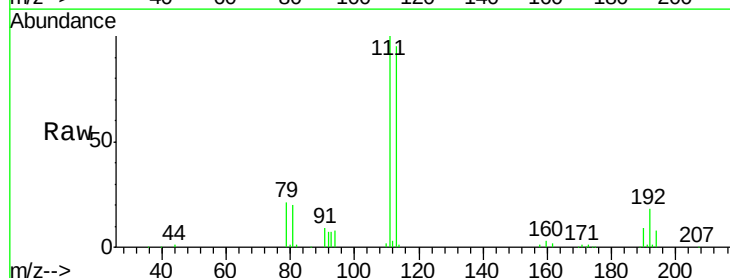


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

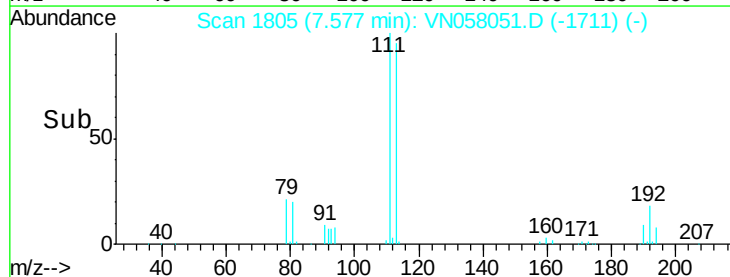
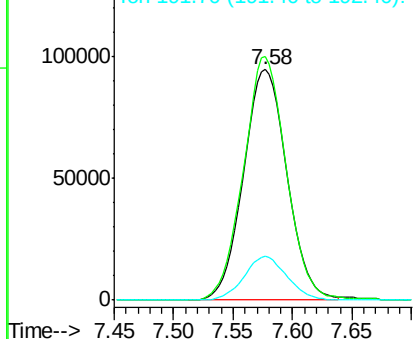


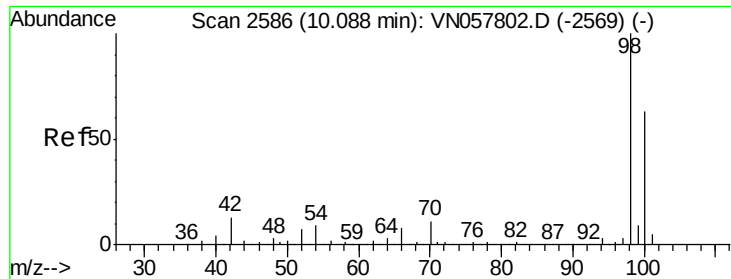
#35
Dibromofluoromethane
Concen: 48.840 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058051.D
Acq: 14 Sep 2019 4:54

Tgt Ion:113 Resp: 240354
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 18.7 14.6 22.0



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





#50

Toluene-d8

Concen: 49.259 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058051.D

Acq: 14 Sep 2019 4:54

Instrument :

MSVOA_N

ClientSampled :

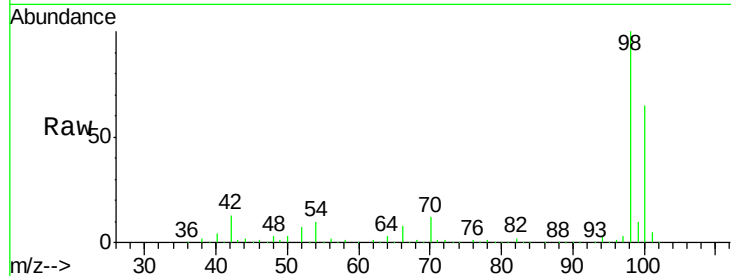
VN0914WBL04

Tot Ion: 98 Resp: 941184

Ion Ratio Lower Upper

98 100

100 63.8 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057802.D (-2569) (-)

10.09

500000

400000

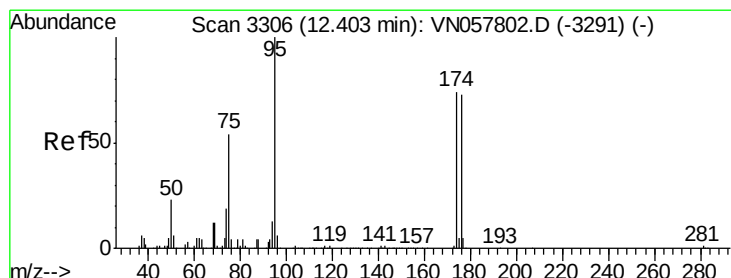
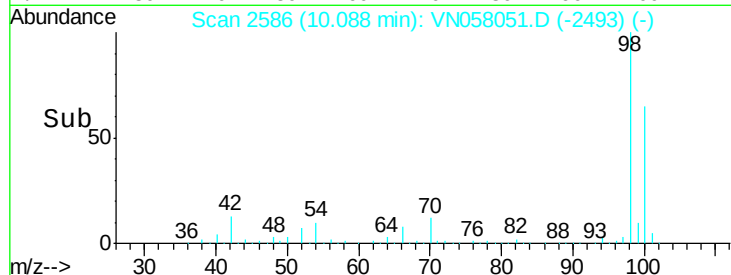
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.638 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058051.D

Acq: 14 Sep 2019 4:54

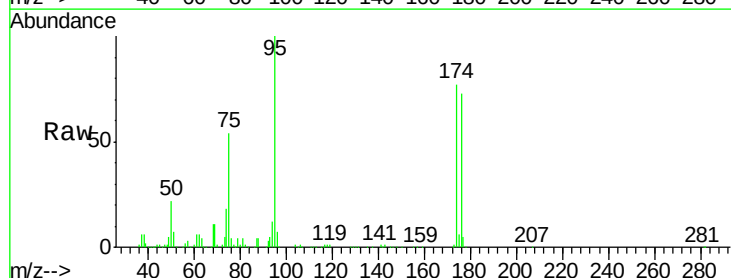
Tgt Ion: 95 Resp: 310463

Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.2

176 72.5 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)

12.41

250000

200000

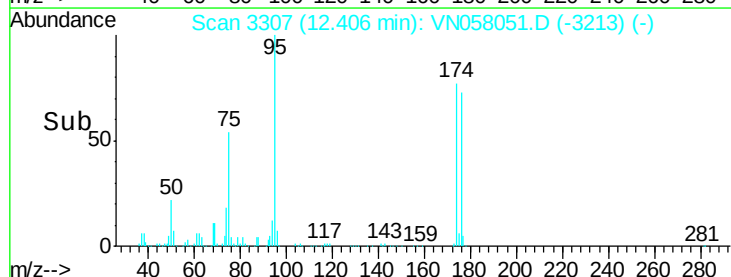
150000

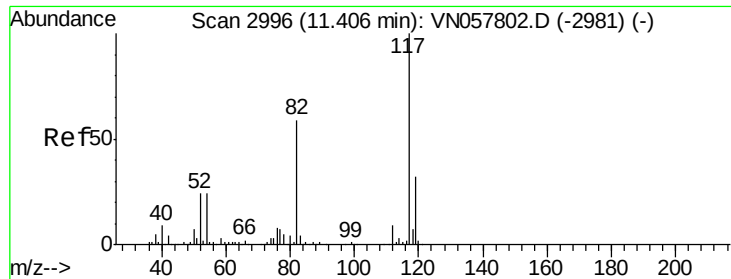
100000

50000

0

Time-->

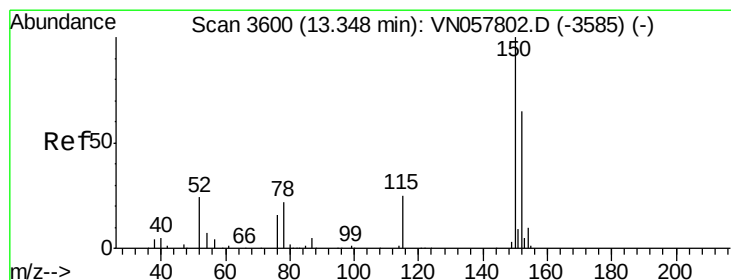
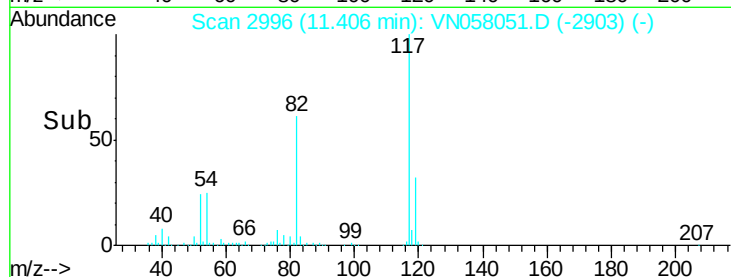
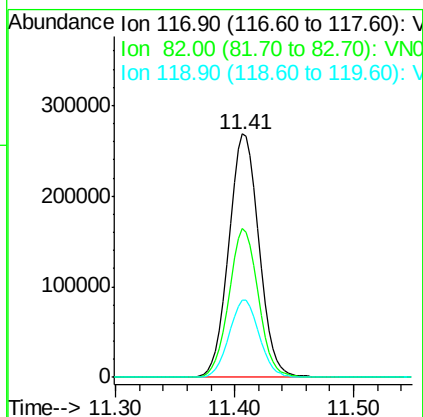
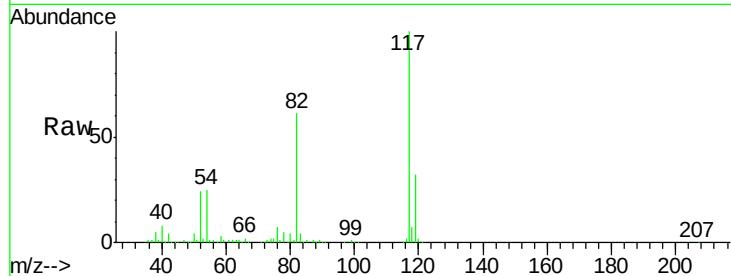




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058051.D
Acq: 14 Sep 2019 4:54

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBL04

Tot Ion:117 Resp: 472555
Ion Ratio Lower Upper
117 100
82 61.0 47.2 70.8
119 31.6 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058051.D
Acq: 14 Sep 2019 4:54

Tgt Ion:152 Resp: 251322
Ion Ratio Lower Upper
152 100
115 61.4 30.3 91.0
150 156.7 0.0 352.4

