

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020419\
 Data File : VN053587.D
 Acq On : 4 Feb 2019 10:56
 Operator : JC/SP
 Sample : VN0204WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBL01

Quant Time: Feb 05 02:16:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	676250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1112053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	973344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	371400	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	356128	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
35) Dibromofluoromethane	7.59	113	358951	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.09	98	1320817	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.40	95	409096	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	

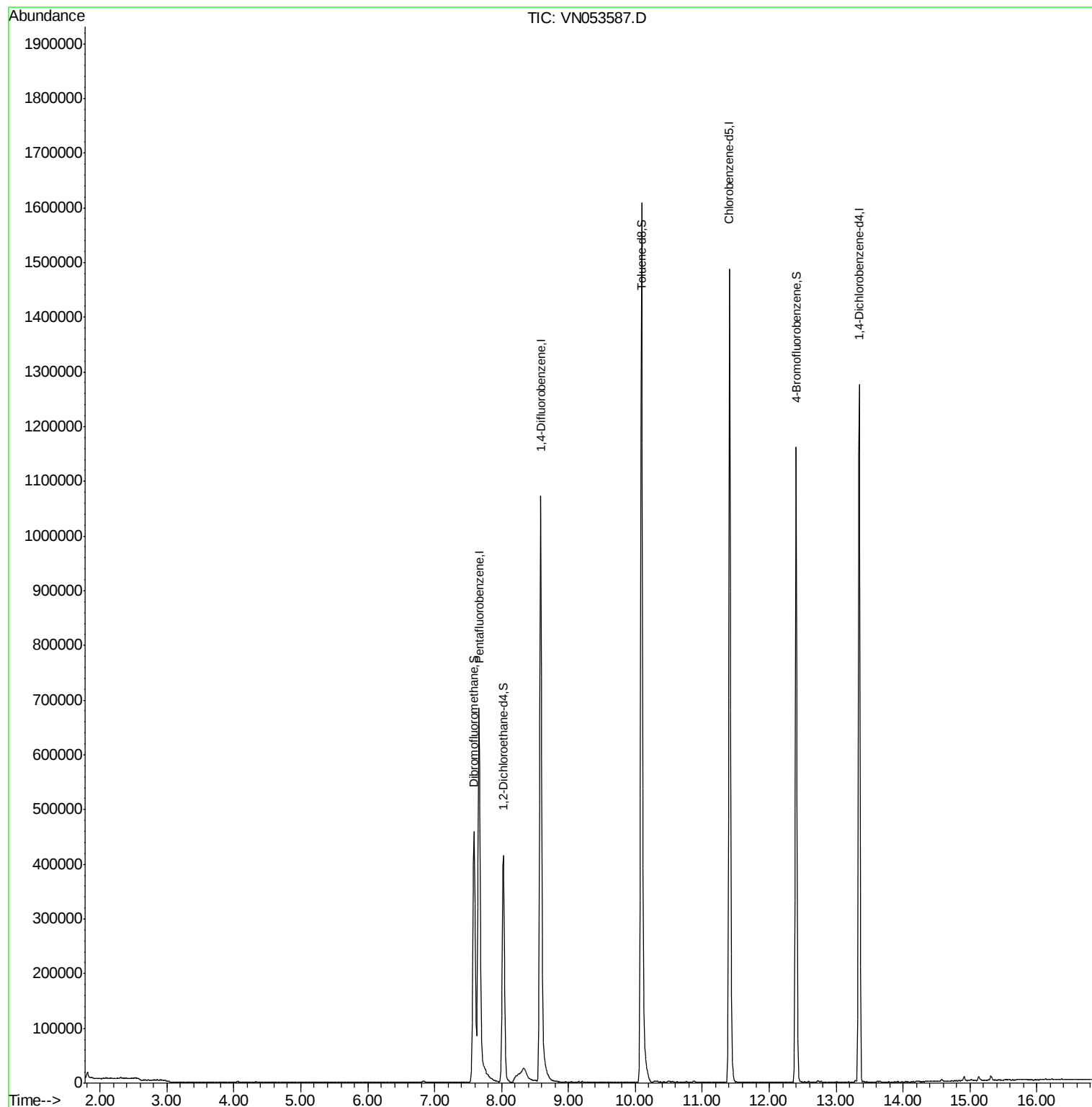
Target Compounds	Qvalue
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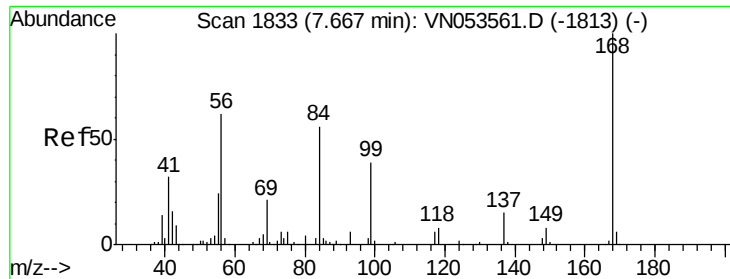
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053587.D

Acq: 4 Feb 2019 10:56

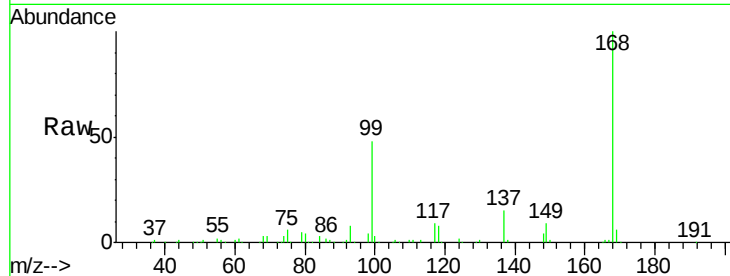
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBL01

Tot Ion:168 Resp: 676250

Ion Ratio Lower Upper

168 100

99 47.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

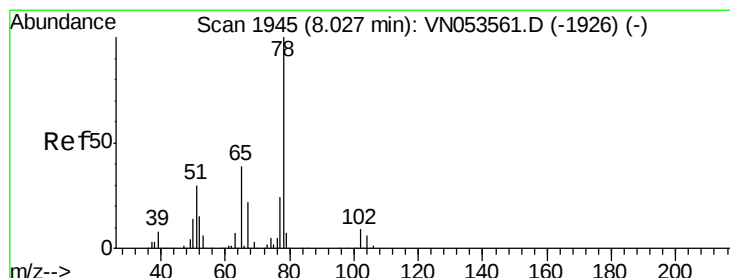
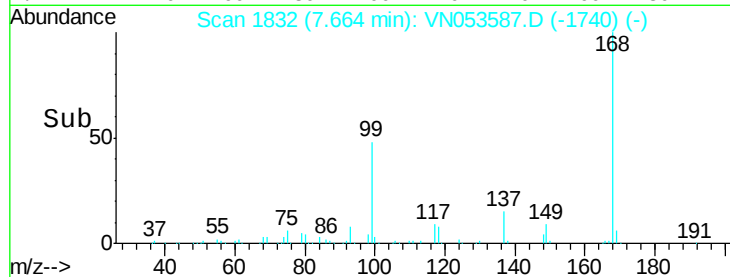
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053587.D

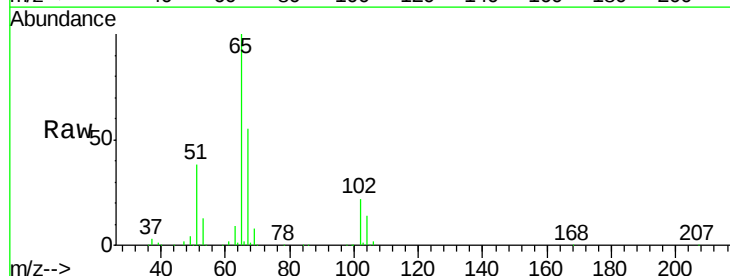
Acq: 4 Feb 2019 10:56

Tgt Ion: 65 Resp: 356128

Ion Ratio Lower Upper

65 100

67 55.0 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

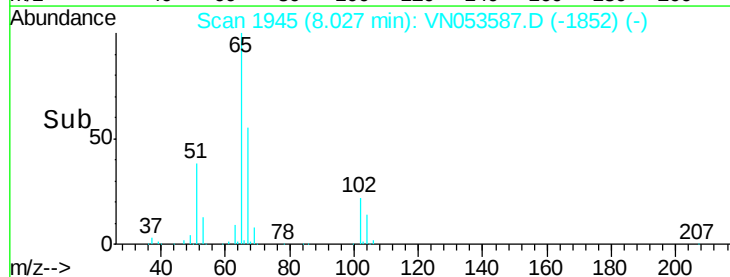
150000

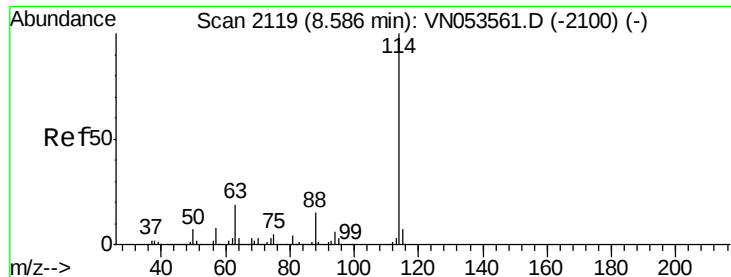
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN053587.D

Acq: 4 Feb 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBL01

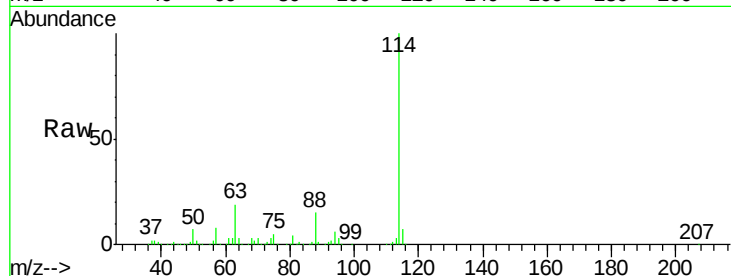
Tot Ion:114 Resp: 1112053

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

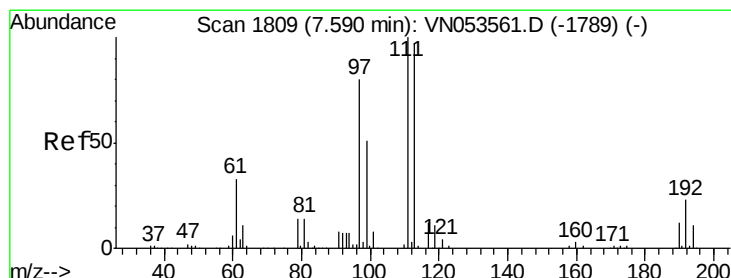
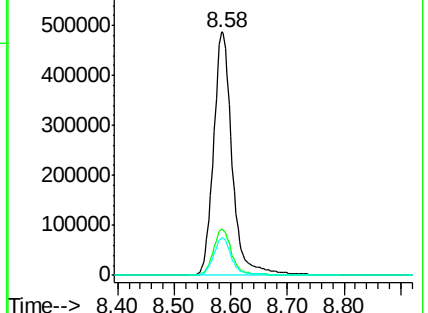
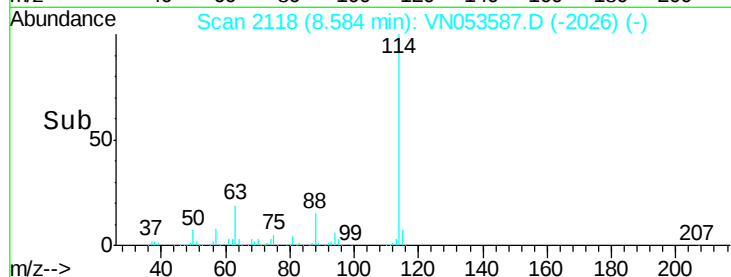
88 15.3 0.0 30.4



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: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053587.D

Acq: 4 Feb 2019 10:56

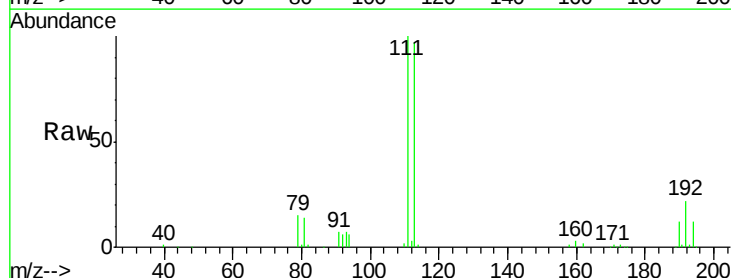
Tgt Ion:113 Resp: 358951

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

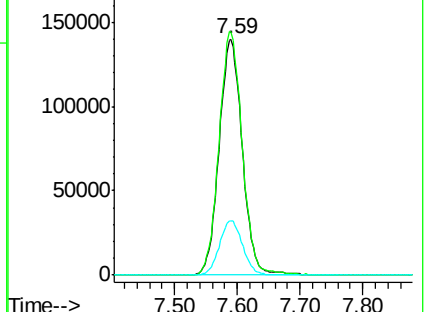
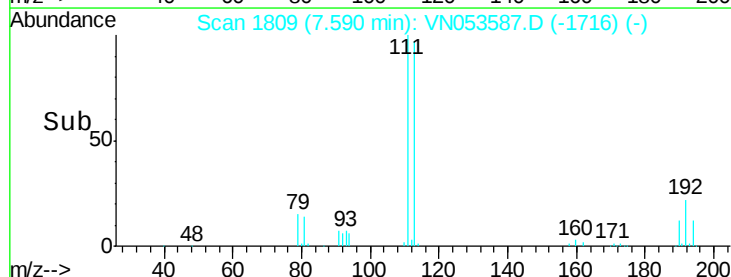
192 23.0 18.2 27.2

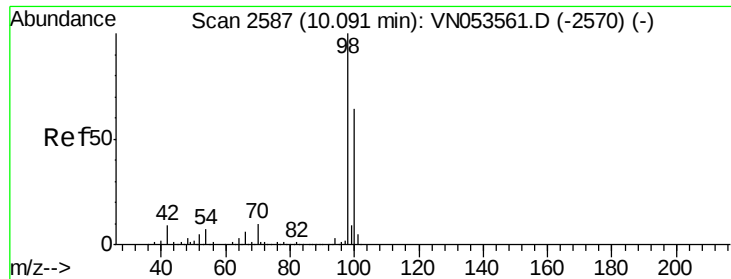


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

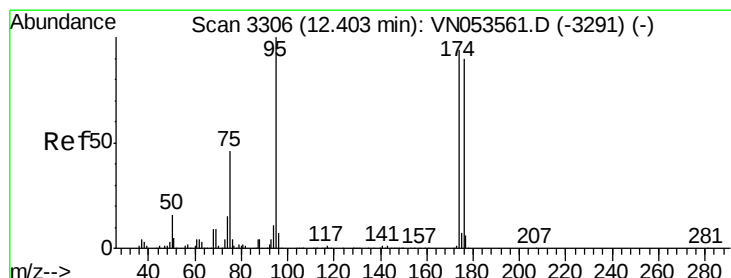
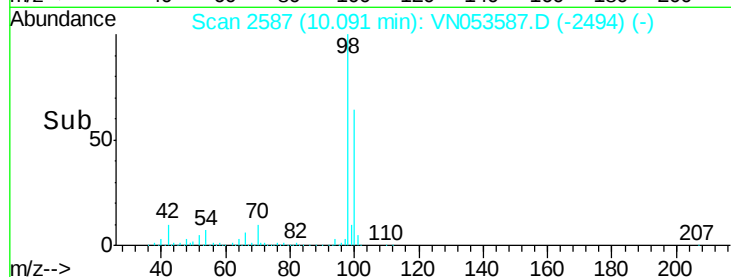
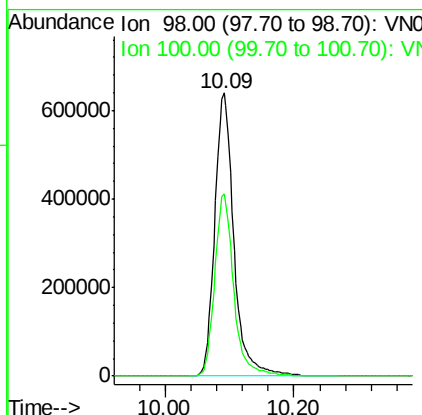
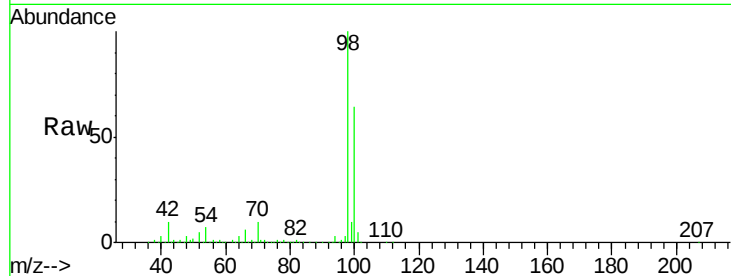




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053587.D
Acq: 4 Feb 2019 10:56

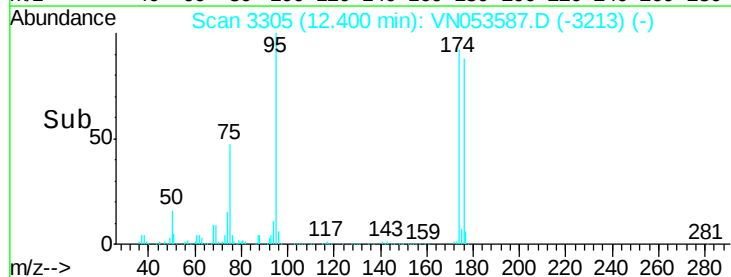
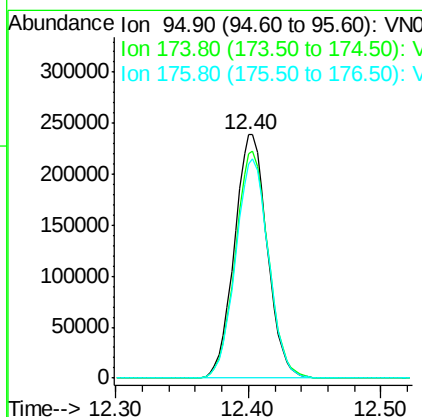
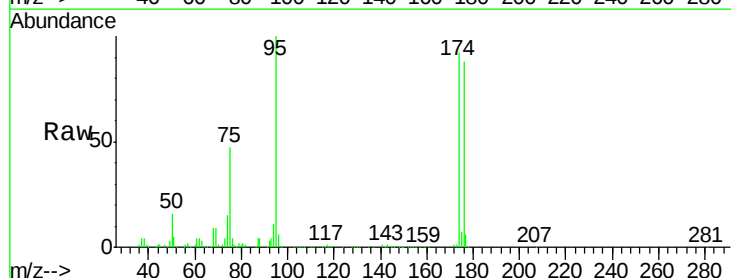
Instrument :
MSVOA_N
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VN0204WBL01

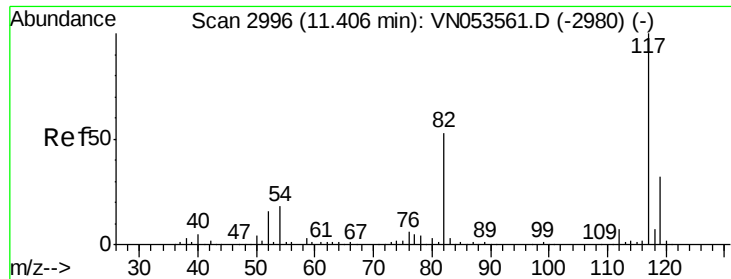
Tot Ion: 98 Resp: 1320817
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053587.D
Acq: 4 Feb 2019 10:56

Tgt Ion: 95 Resp: 409096
Ion Ratio Lower Upper
95 100
174 93.8 0.0 183.2
176 90.9 0.0 177.4

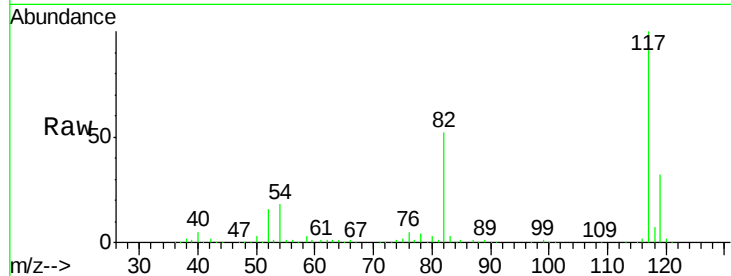




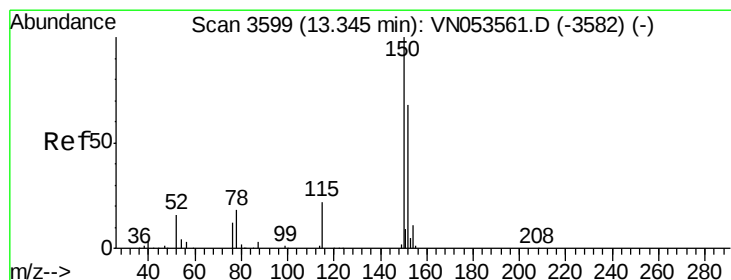
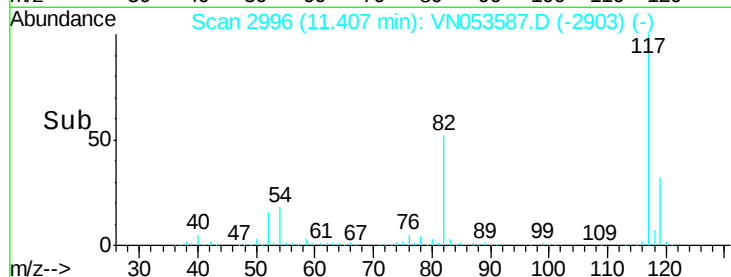
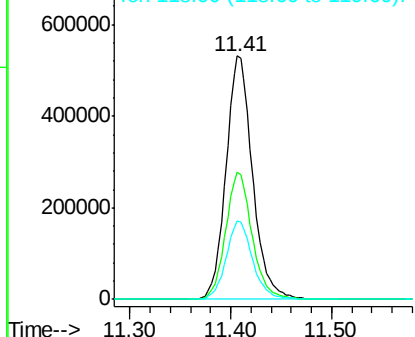
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053587.D
Acq: 4 Feb 2019 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBL01

Tot Ion:117 Resp: 973344
Ion Ratio Lower Upper
117 100
82 52.0 42.9 64.3
119 32.2 26.0 39.0

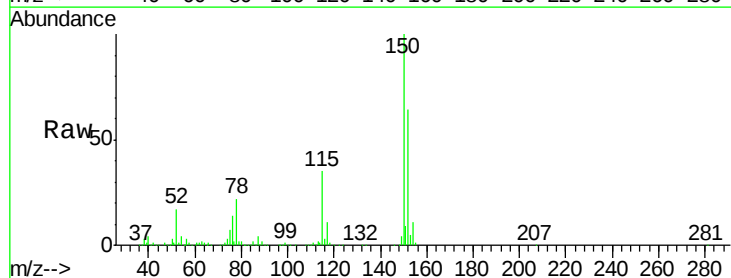


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053587.D
Acq: 4 Feb 2019 10:56

Tgt Ion:152 Resp: 371400
Ion Ratio Lower Upper
152 100
115 54.7 27.8 83.4
150 157.5 0.0 349.0



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

