

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040119\
 Data File : VN054867.D
 Acq On : 1 Apr 2019 11:59
 Operator : JC/SP
 Sample : VN0401MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401MBL01

Quant Time: Apr 02 04:39:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	509102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	833881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	710982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	243212	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	339554	49.48	ug/l	0.00
Spiked Amount						
			Recovery	=	98.96%	
35) Dibromofluoromethane	7.59	113	261022	46.95	ug/l	0.00
Spiked Amount						
			Recovery	=	93.90%	
50) Toluene-d8	10.09	98	1009446	48.84	ug/l	0.00
Spiked Amount						
			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	12.40	95	306489	44.59	ug/l	0.00
Spiked Amount						
			Recovery	=	89.18%	

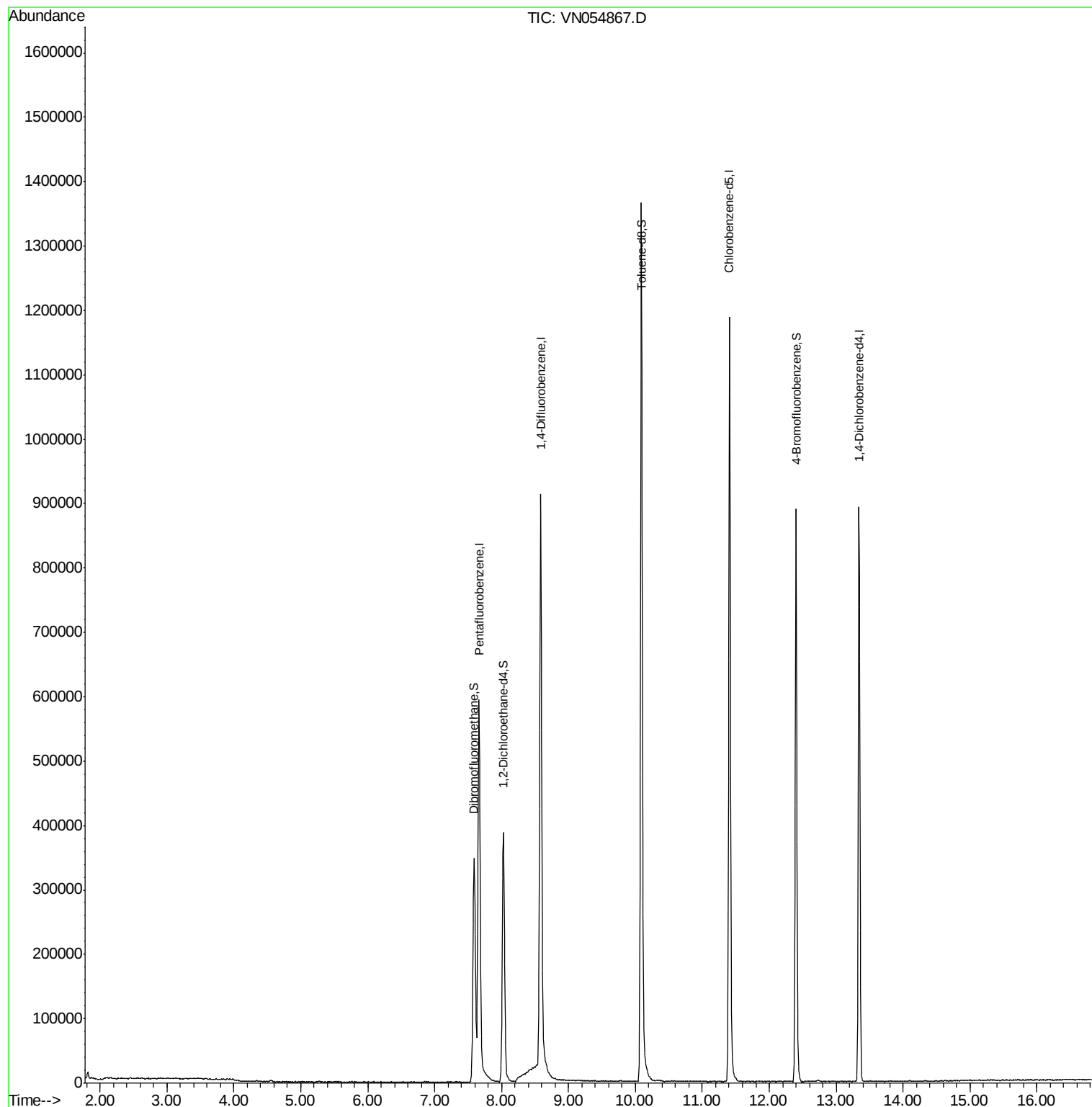
Target Compounds	Qvalue

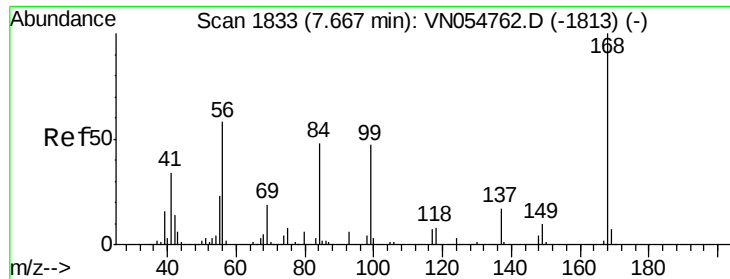
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054867.D

Acq: 1 Apr 2019 11:59

Instrument :

MSVOA_N

ClientSampleId :

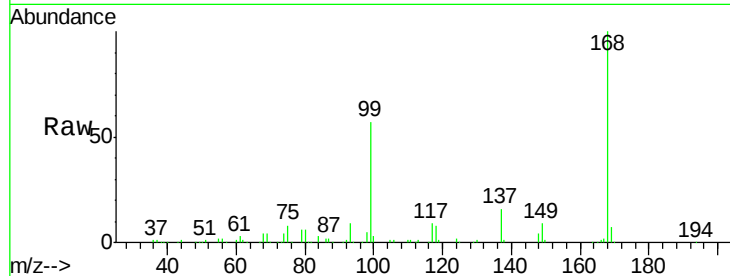
VN0401MBL01

Tot Ion:168 Resp: 509102

Ion Ratio Lower Upper

168 100

99 56.5 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

200000

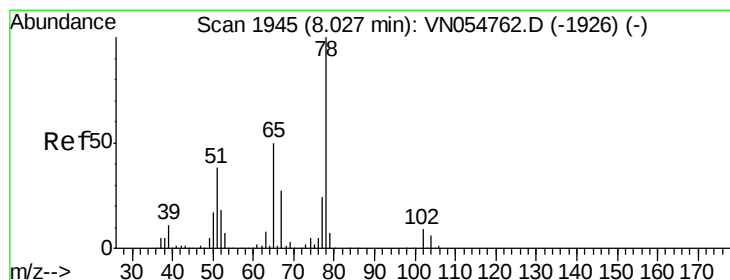
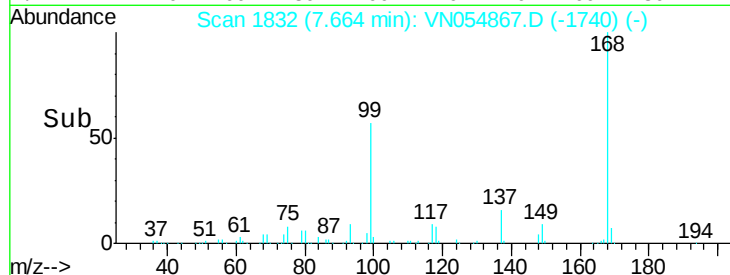
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.477 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054867.D

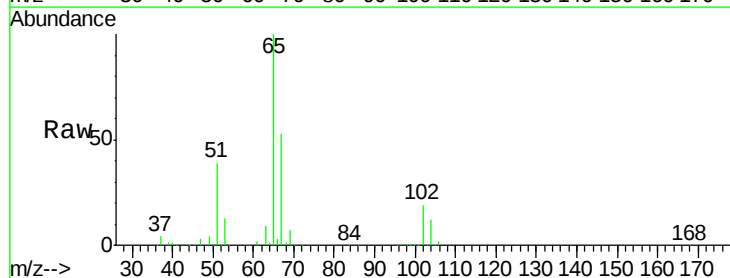
Acq: 1 Apr 2019 11:59

Tgt Ion: 65 Resp: 339554

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

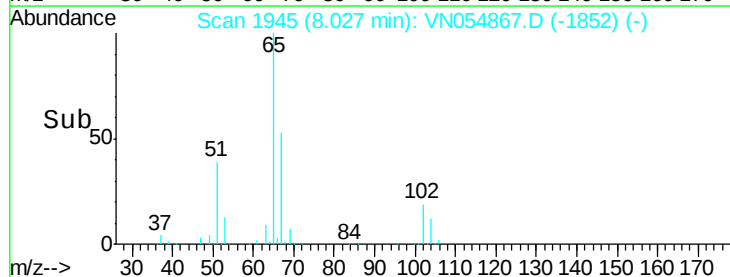
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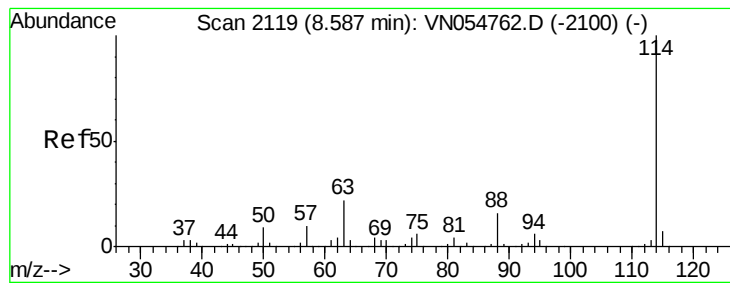
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054867.D

Acq: 1 Apr 2019 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN0401MBL01

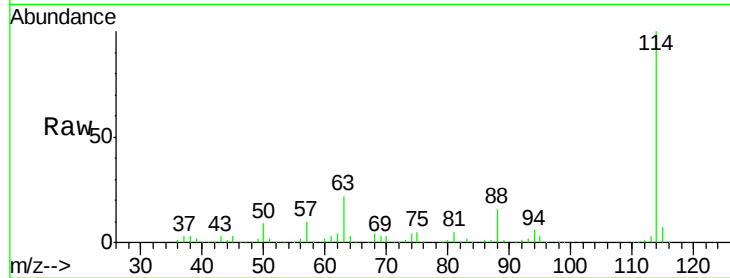
Tot Ion:114 Resp: 833881

Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.2

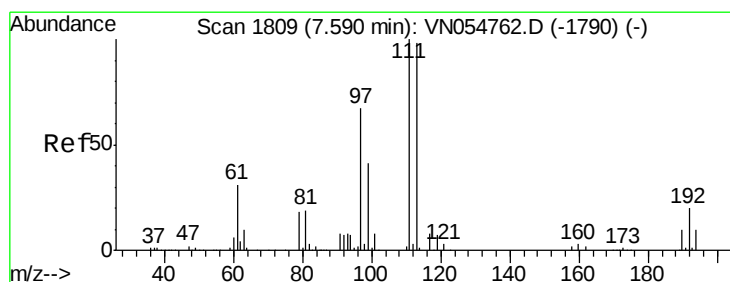
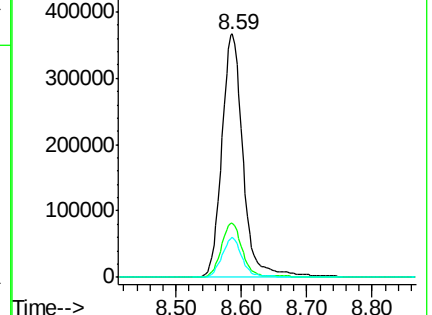
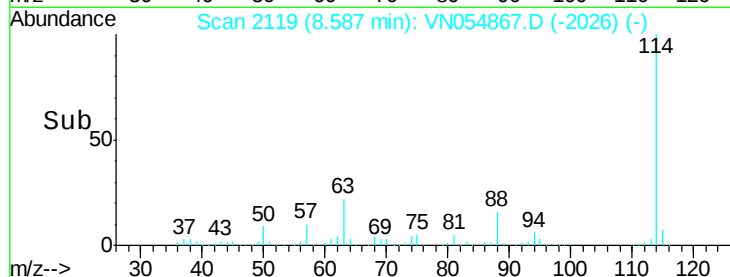
88 16.2 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 46.951 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054867.D

Acq: 1 Apr 2019 11:59

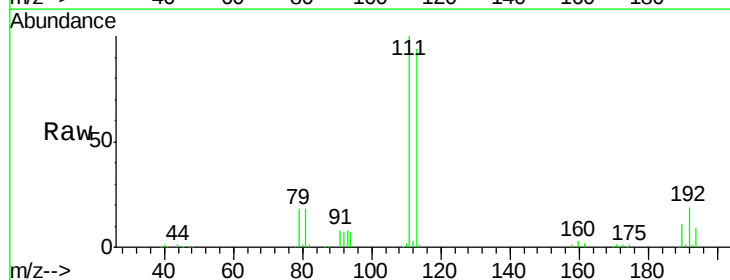
Tgt Ion:113 Resp: 261022

Ion Ratio Lower Upper

113 100

111 105.3 82.2 123.4

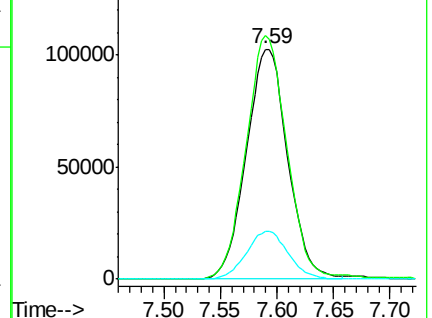
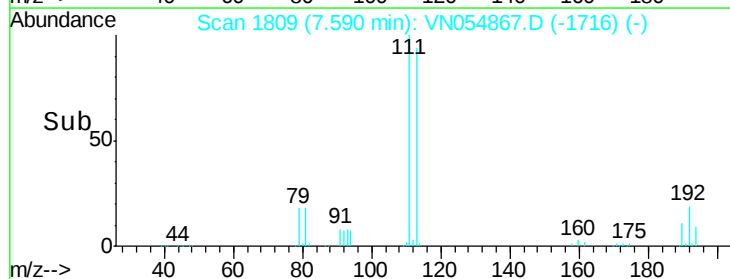
192 21.0 19.2 28.8

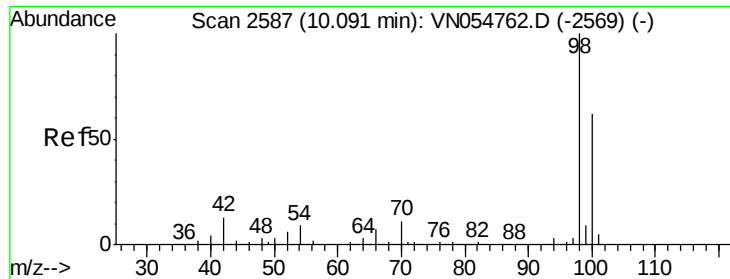


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

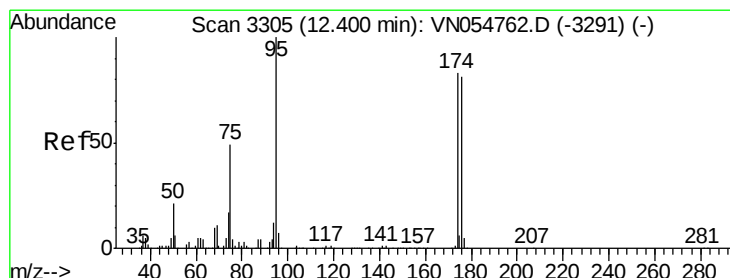
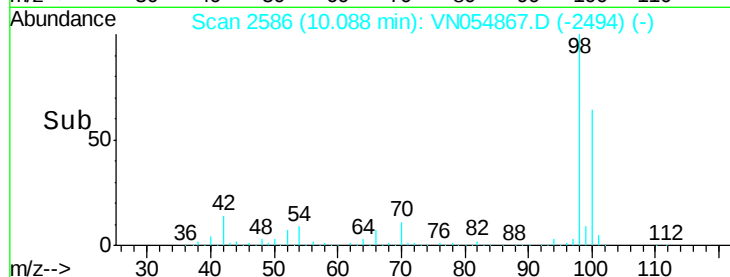
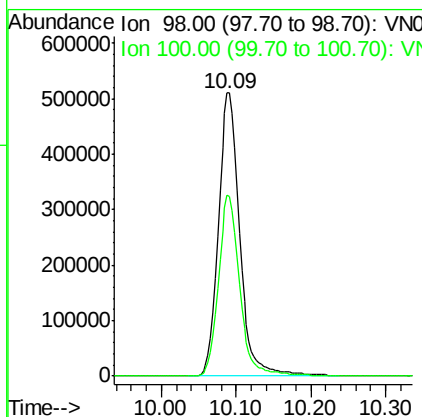
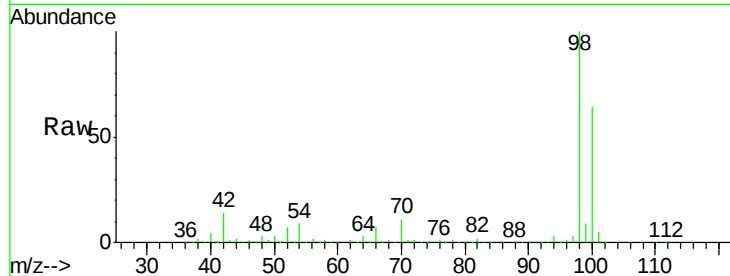




#50
Toluene-d8
Concen: 48.839 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN054867.D
Acq: 1 Apr 2019 11:59

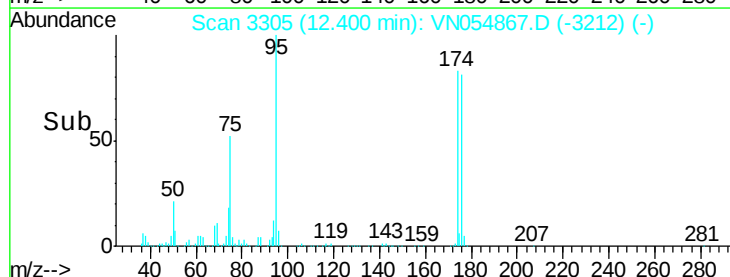
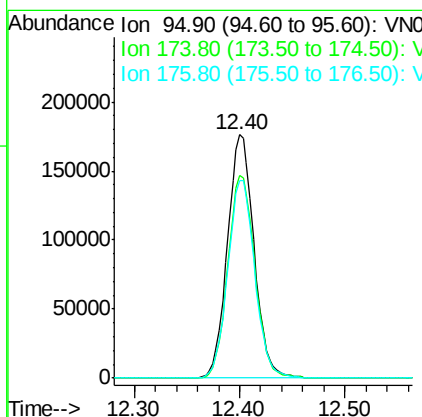
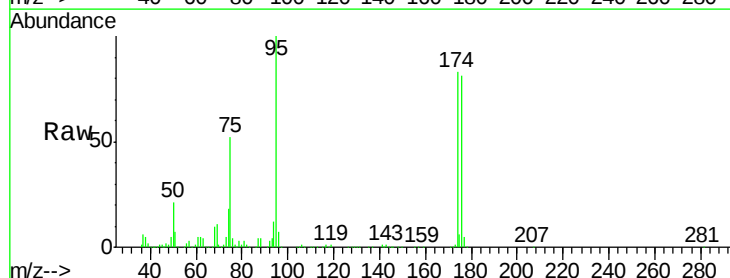
Instrument :
MSVOA_N
ClientSampled :
VN0401MBL01

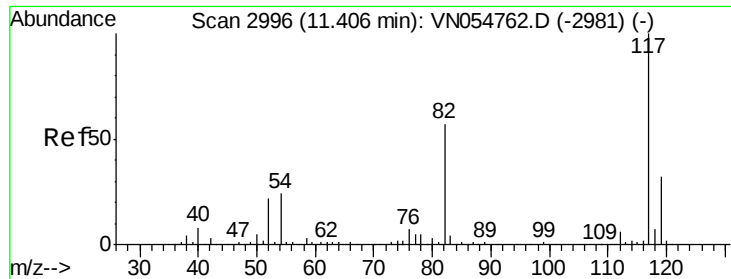
Tot Ion: 98 Resp: 1009446
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.587 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054867.D
Acq: 1 Apr 2019 11:59

Tgt Ion: 95 Resp: 306489
Ion Ratio Lower Upper
95 100
174 85.1 0.0 191.0
176 82.7 0.0 187.4

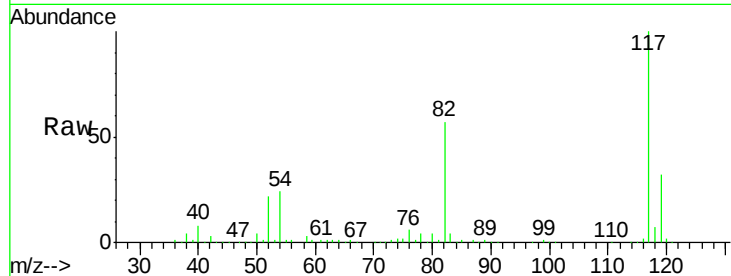




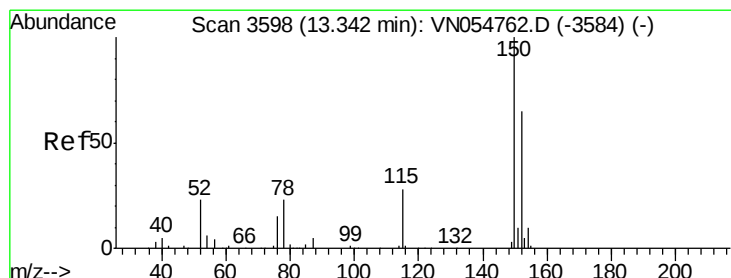
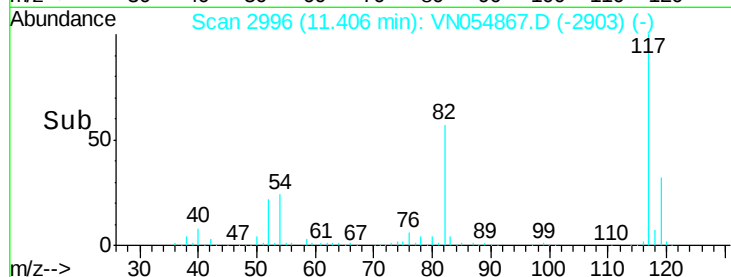
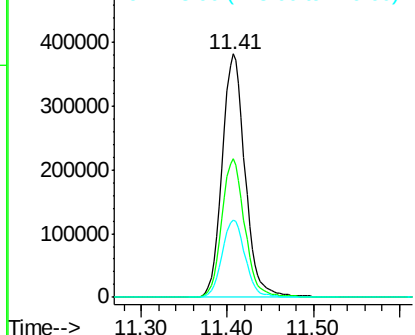
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054867.D
Acq: 1 Apr 2019 11:59

Instrument :
MSVOA_N
ClientSampled :
VN0401MBL01

Tot Ion:117 Resp: 710982
Ion Ratio Lower Upper
117 100
82 56.7 40.0 60.0
119 31.8 25.8 38.6

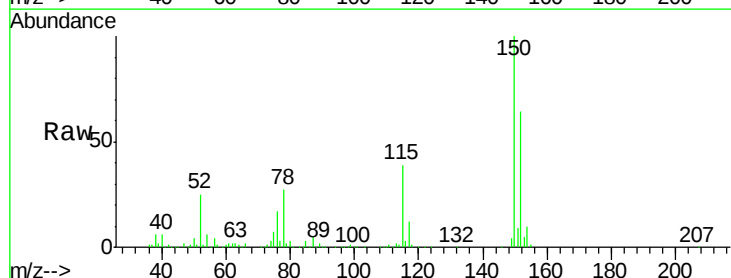


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054867.D
Acq: 1 Apr 2019 11:59

Tgt Ion:152 Resp: 243212
Ion Ratio Lower Upper
152 100
115 59.7 27.2 81.6
150 155.1 0.0 349.2



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

