

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042319\
 Data File : VN055194.D
 Acq On : 23 Apr 2019 10:08
 Operator : JC/SP
 Sample : VN0423WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0423WBL01

Quant Time: Apr 23 15:38:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	356018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	598351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	545040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145020	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	238939	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	7.59	113	198581	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
50) Toluene-d8	10.09	98	741286	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.40	95	220888	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	

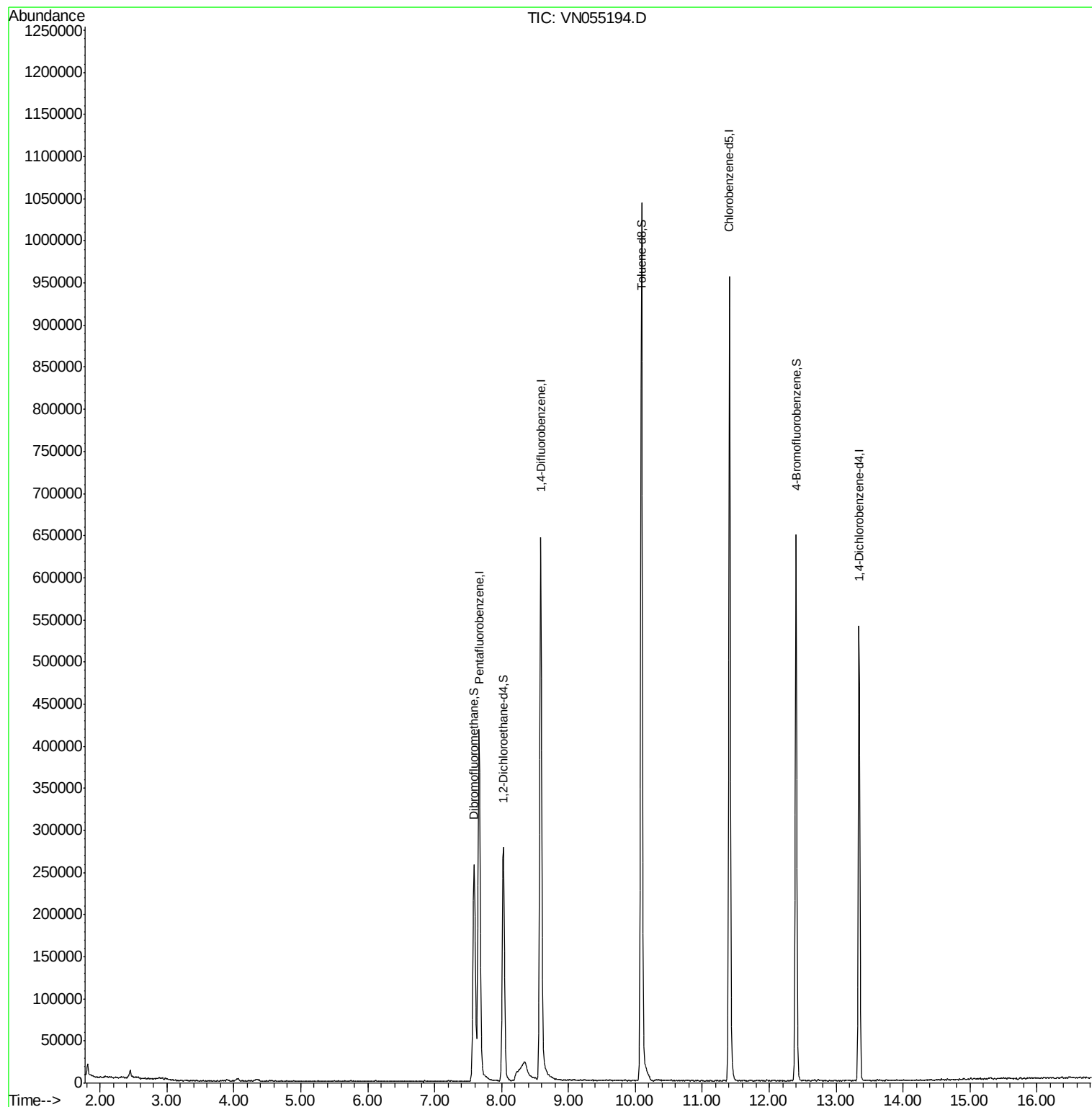
Target Compounds	Qvalue

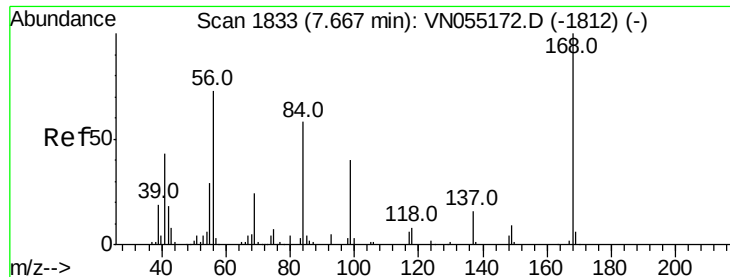
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055194.D

Acq: 23 Apr 2019 10:08

Instrument :

MSVOA_N

ClientSampleId :

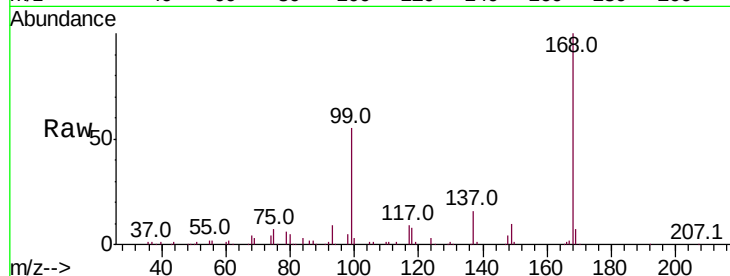
VN0423WBL01

Tot Ion:168 Resp: 356018

Ion Ratio Lower Upper

168 100

99 54.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

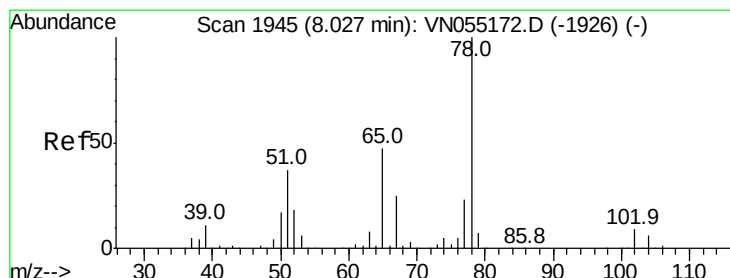
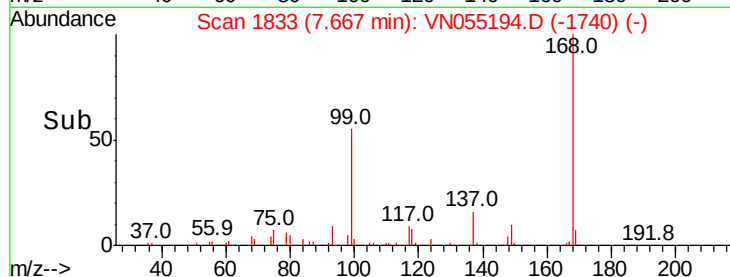
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.585 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055194.D

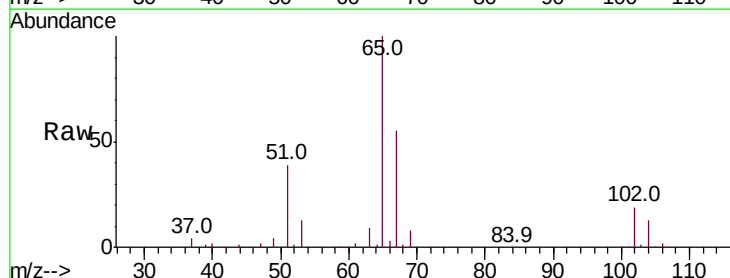
Acq: 23 Apr 2019 10:08

Tgt Ion: 65 Resp: 238939

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

100000

80000

60000

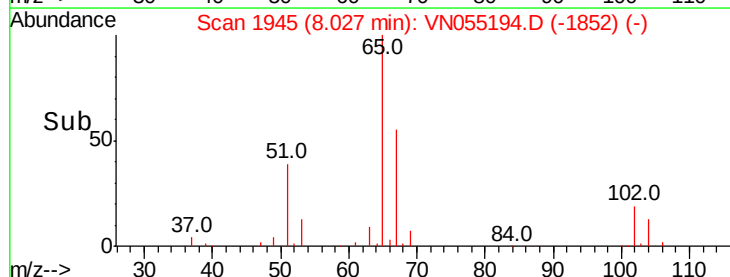
40000

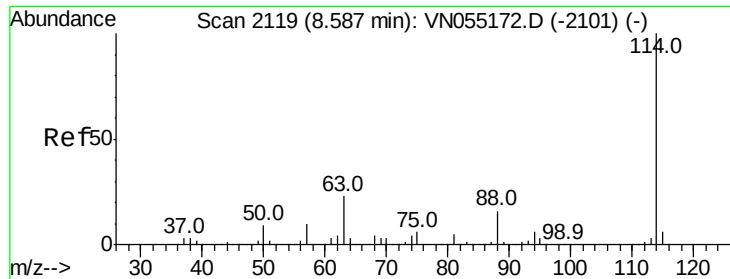
20000

0

7.90 8.00 8.10

Time-->

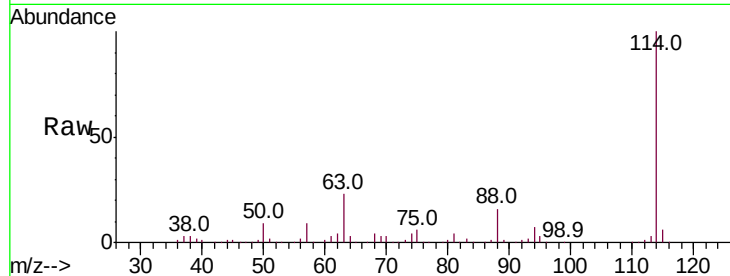




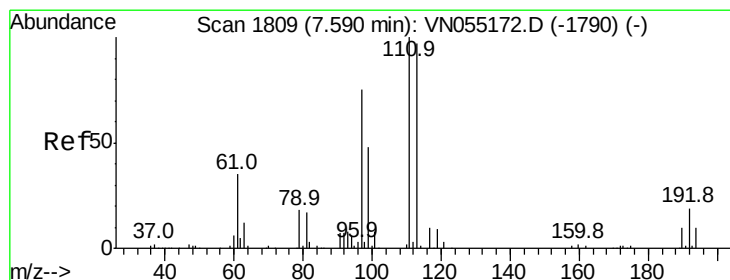
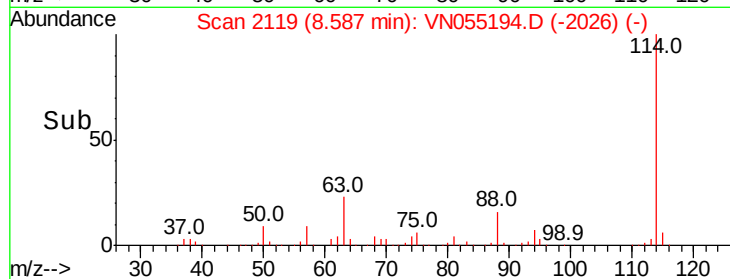
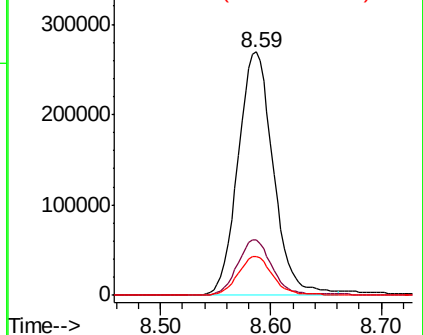
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055194.D
 Acq: 23 Apr 2019 10:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0423WBL01

Tot Ion:114 Resp: 598351
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.2
 88 16.1 0.0 32.8

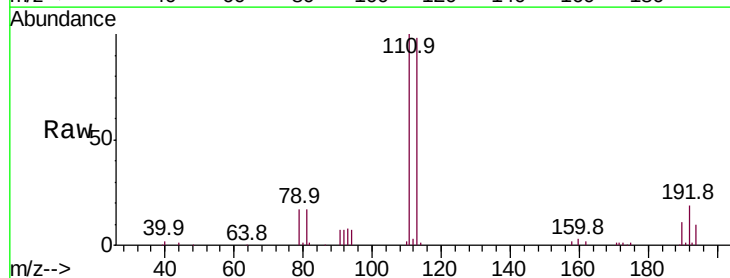


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

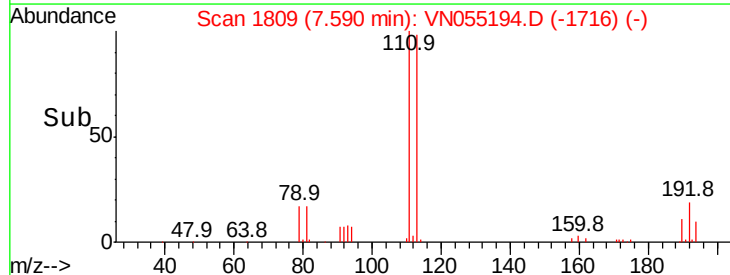
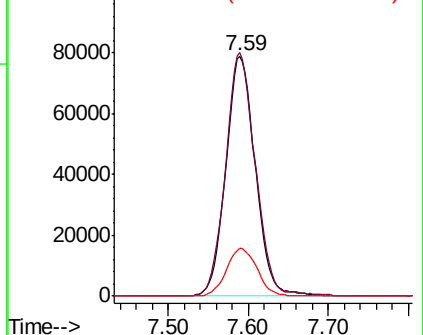


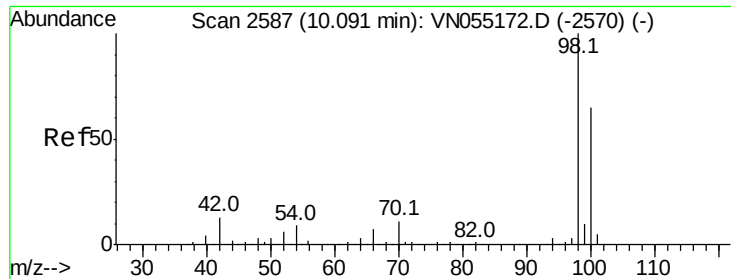
#35
 Dibromofluoromethane
 Concen: 48.853 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055194.D
 Acq: 23 Apr 2019 10:08

Tgt Ion:113 Resp: 198581
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.0 121.4
 192 20.6 16.2 24.4



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

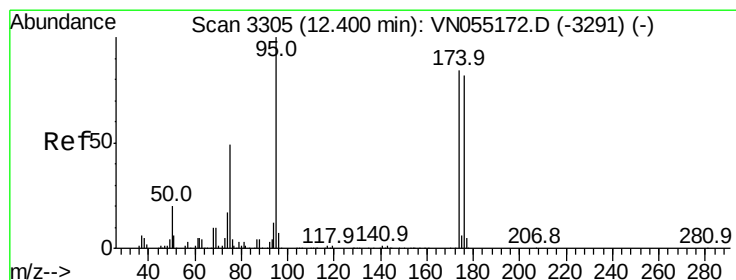
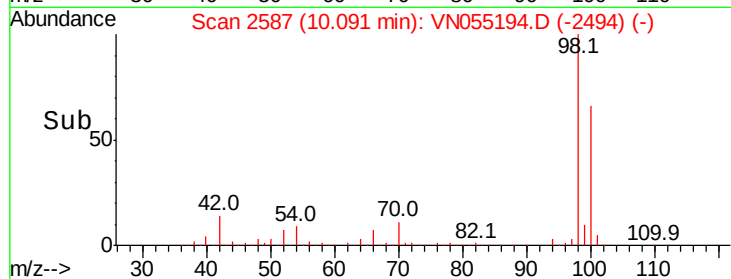
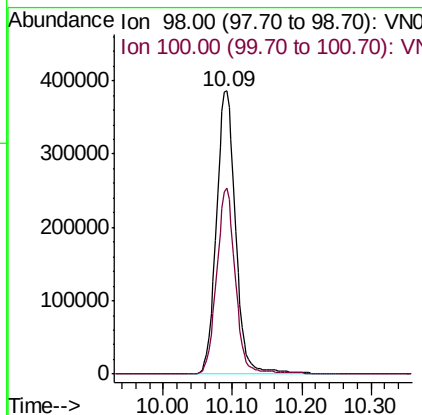
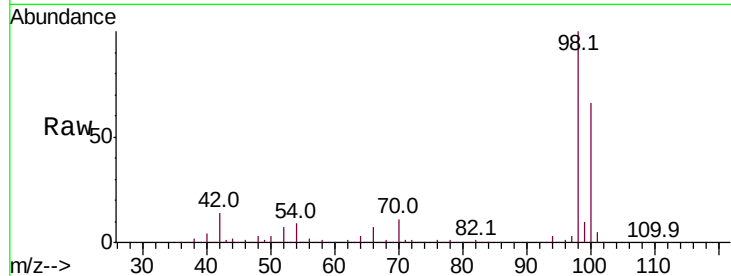




#50
Toluene-d8
Concen: 49.219 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055194.D
Acq: 23 Apr 2019 10:08

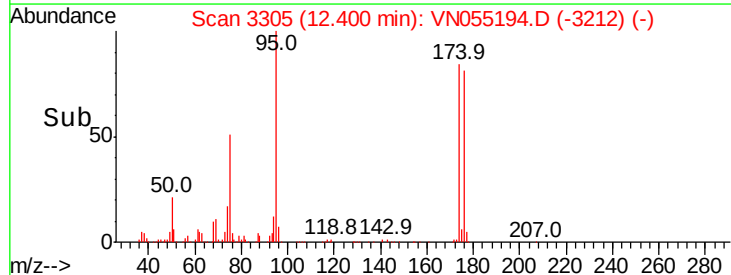
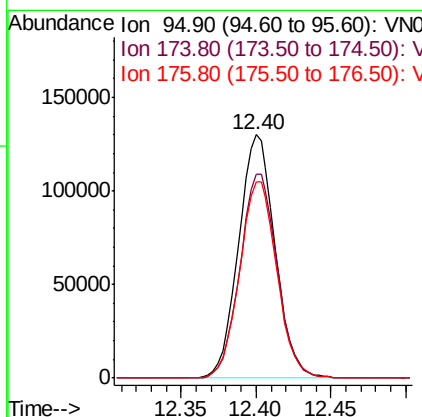
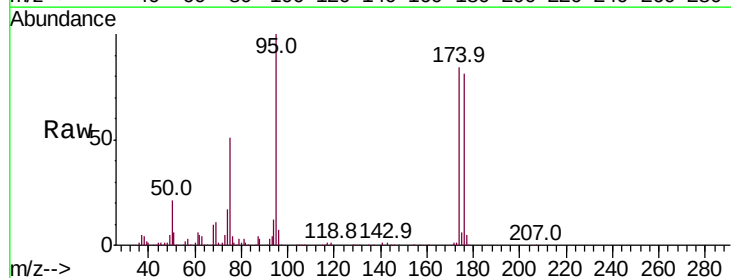
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBL01

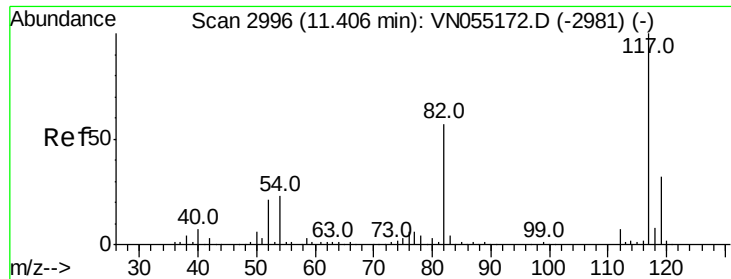
Tot Ion: 98 Resp: 741286
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 46.313 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055194.D
Acq: 23 Apr 2019 10:08

Tgt Ion: 95 Resp: 220888
Ion Ratio Lower Upper
95 100
174 85.1 0.0 168.4
176 82.6 0.0 164.0

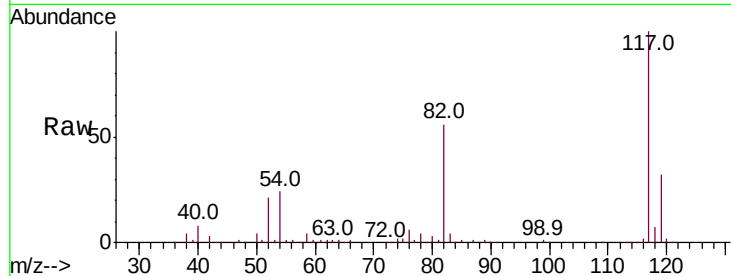




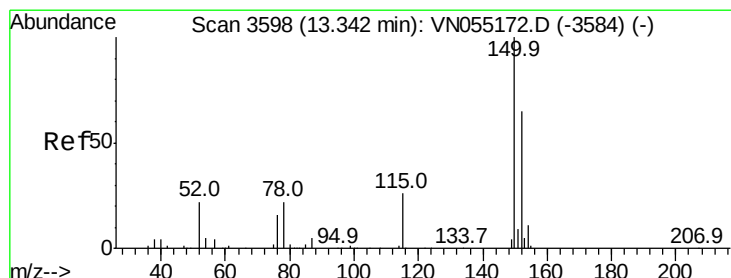
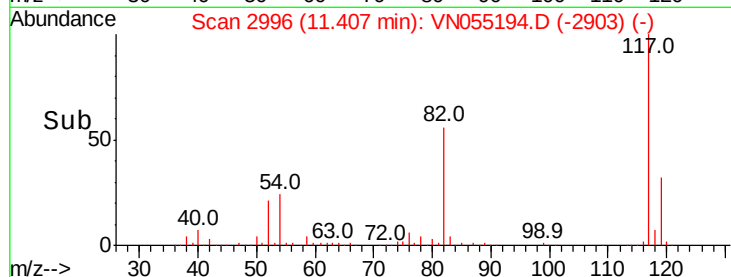
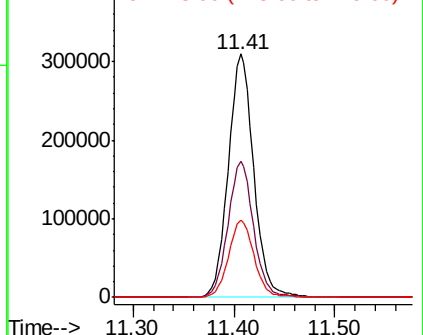
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055194.D
Acq: 23 Apr 2019 10:08

Instrument :
MSVOA_N
ClientSampled :
VN0423WBL01

Tot Ion:117 Resp: 545040
Ion Ratio Lower Upper
117 100
82 56.0 45.7 68.5
119 31.8 25.4 38.2

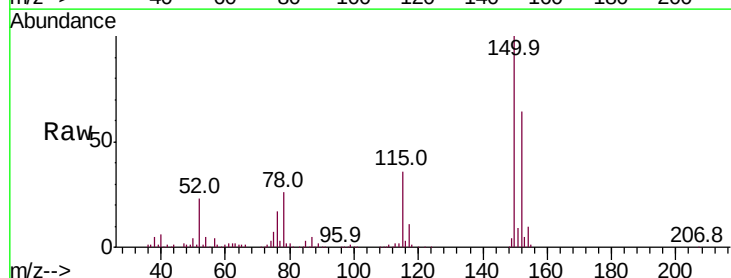


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055194.D
Acq: 23 Apr 2019 10:08

Tgt Ion:152 Resp: 145020
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.7
150 157.8 0.0 346.6



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

