

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
 Data File : VN055193.D
 Acq On : 23 Apr 2019 9:42
 Operator : JC/SP
 Sample : VN0423MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0423MBL01

Quant Time: Apr 23 15:37:00 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	7.66	168	392443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	649740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	580211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156415	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	257196	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	7.59	113	211337	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
50) Toluene-d8	10.09	98	796011	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.40	95	238114	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	

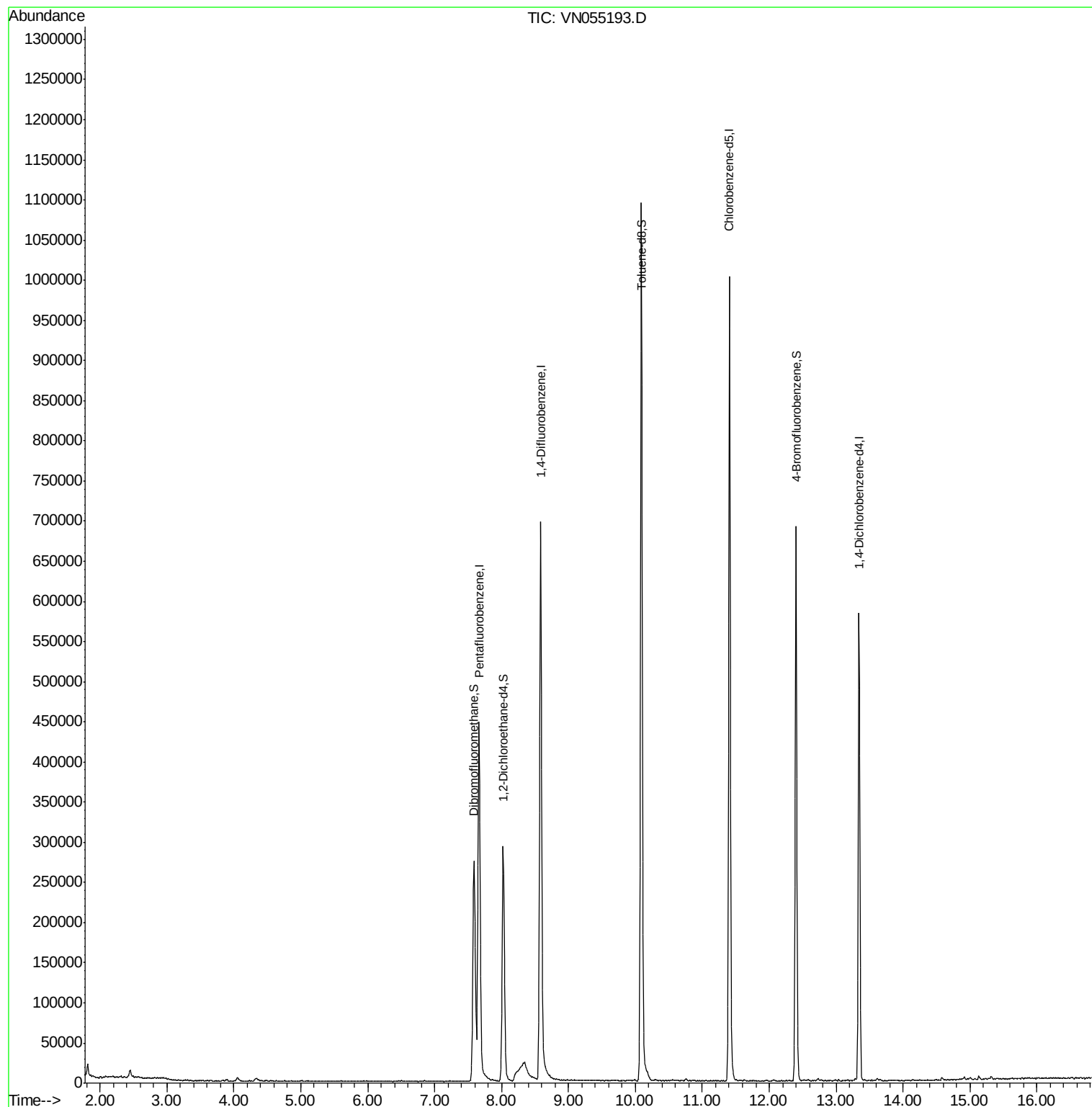
Target Compounds	Qvalue

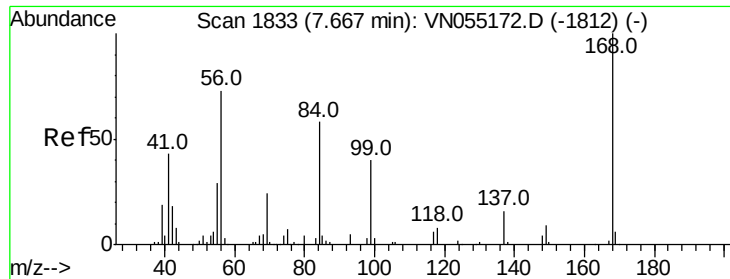
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042319\
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Quant Title : SW846 8260
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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: VN055193.D

Acq: 23 Apr 2019 9:42

Instrument :

MSVOA_N

ClientSampleId :

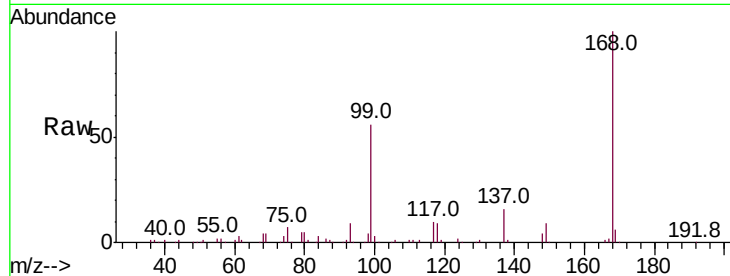
VN0423MBL01

Tot Ion:168 Resp: 392443

Ion Ratio Lower Upper

168 100

99 55.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN055172.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055172.D (-1812) (-)

7.66

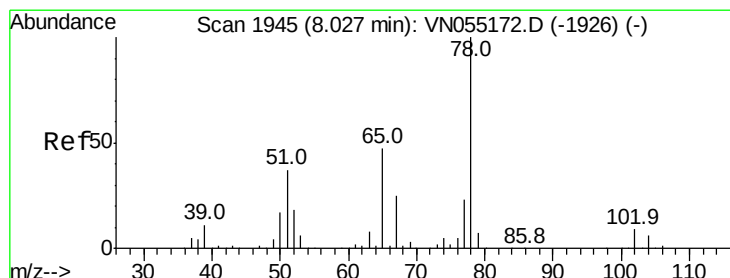
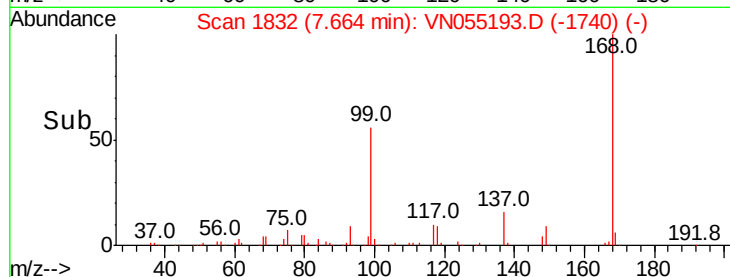
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 48.420 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055193.D

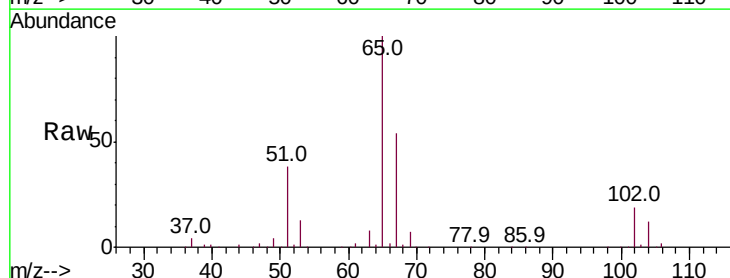
Acq: 23 Apr 2019 9:42

Tgt Ion: 65 Resp: 257196

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN055172.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055172.D (-1926) (-)

8.03

120000

100000

80000

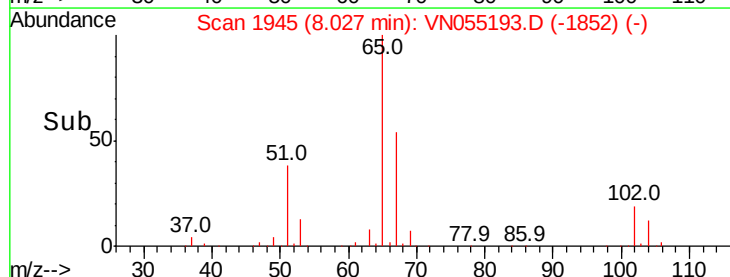
60000

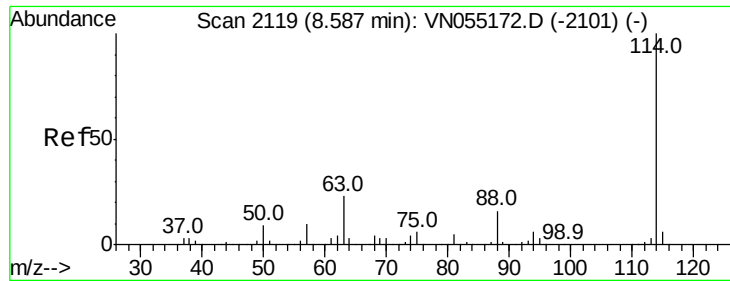
40000

20000

0

Time--> 7.90 8.00 8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055193.D

Acq: 23 Apr 2019 9:42

Instrument :

MSVOA_N

ClientSampleId :

VN0423MBL01

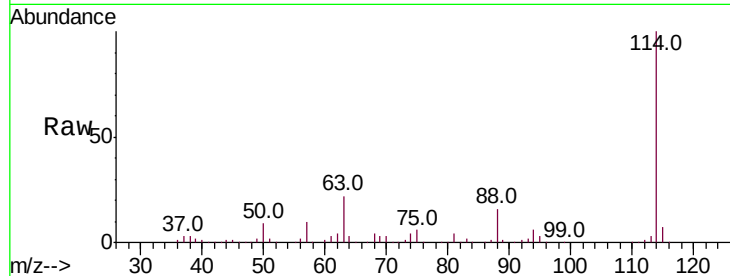
Tot Ion:114 Resp: 649740

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.2

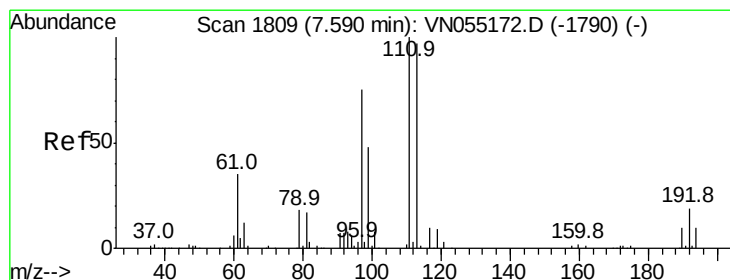
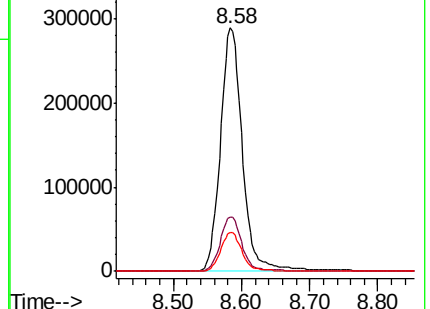
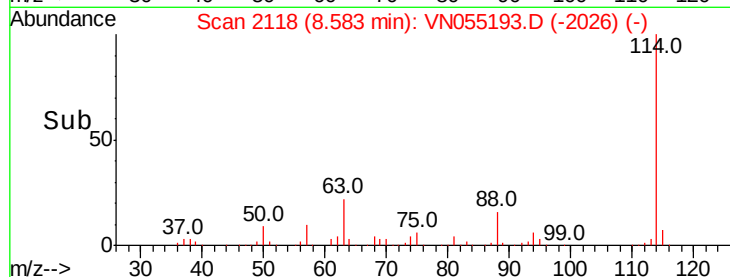
88 16.2 0.0 32.8



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: 47.879 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055193.D

Acq: 23 Apr 2019 9:42

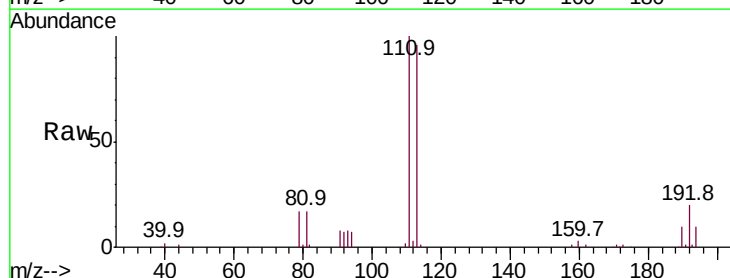
Tgt Ion:113 Resp: 211337

Ion Ratio Lower Upper

113 100

111 104.7 81.0 121.4

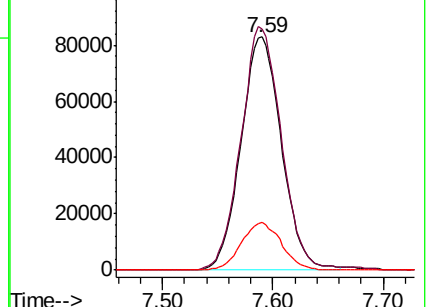
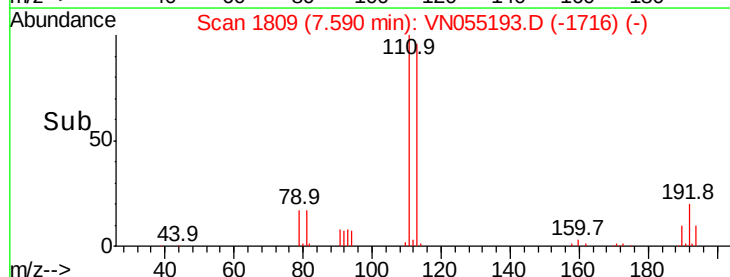
192 20.2 16.2 24.4

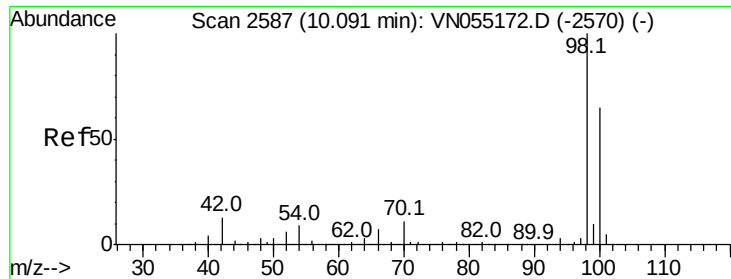


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.672 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055193.D

Acq: 23 Apr 2019 9:42

Instrument :

MSVOA_N

ClientSampleId :

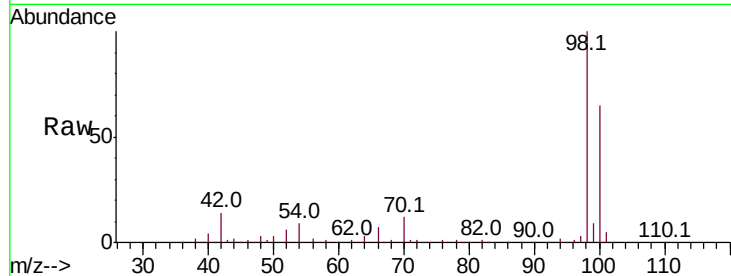
VN0423MBL01

Tot Ion: 98 Resp: 796011

Ion Ratio Lower Upper

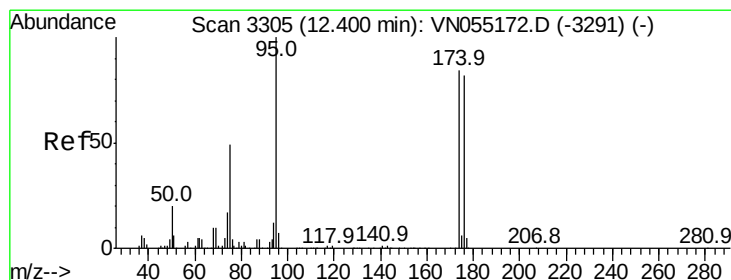
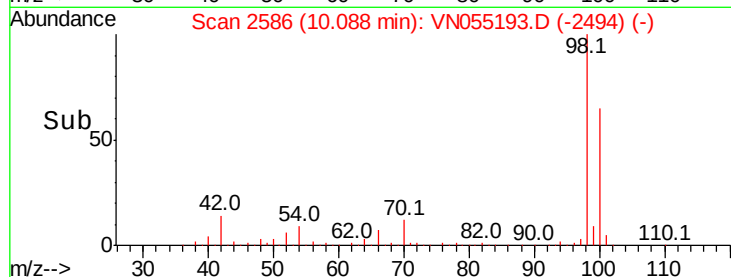
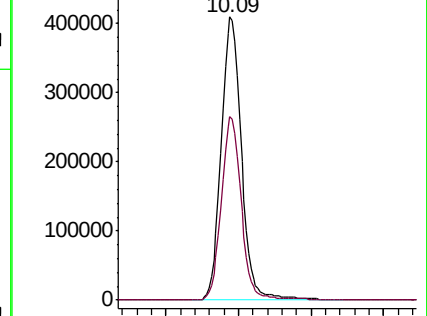
98 100

100 63.9 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 45.976 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055193.D

Acq: 23 Apr 2019 9:42

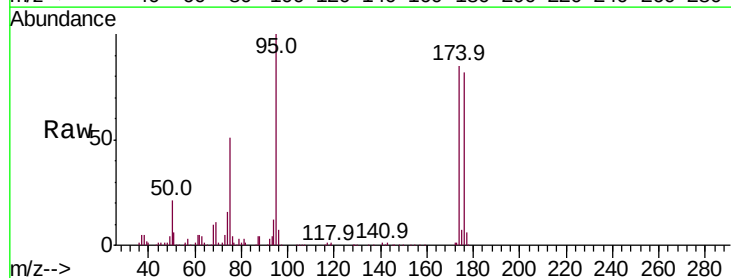
Tgt Ion: 95 Resp: 238114

Ion Ratio Lower Upper

95 100

174 85.3 0.0 168.4

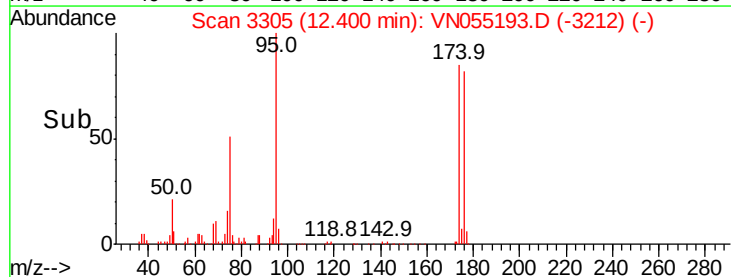
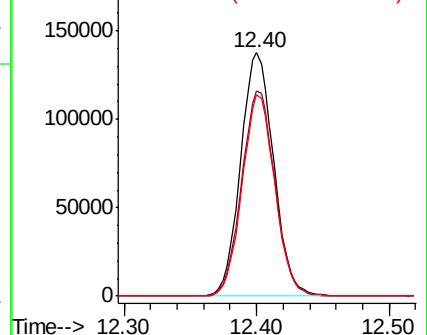
176 82.1 0.0 164.0

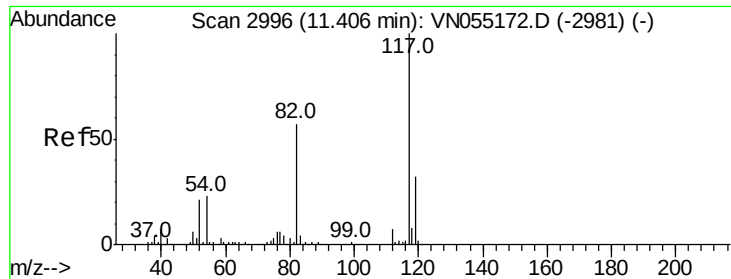


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

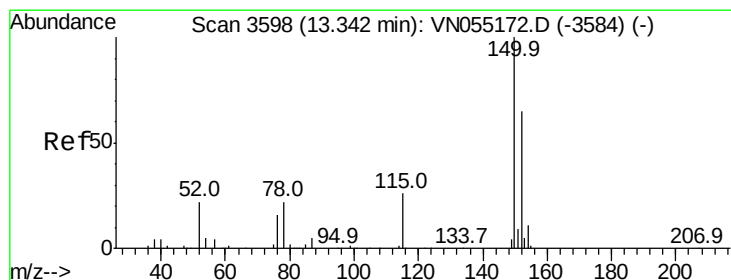
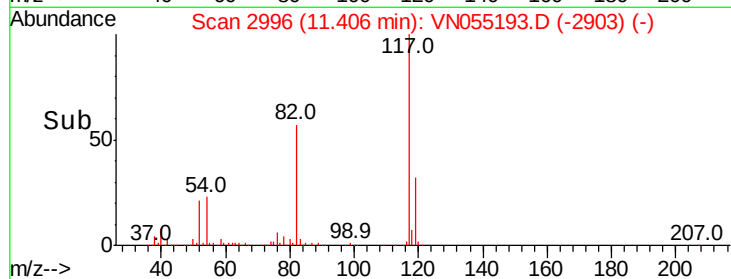
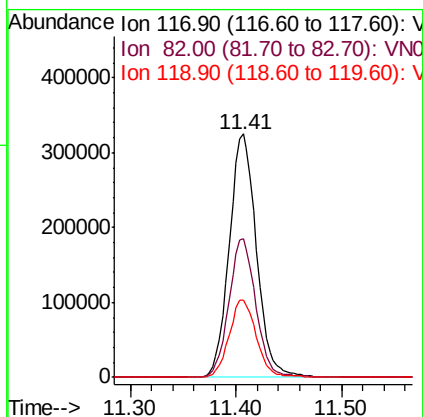
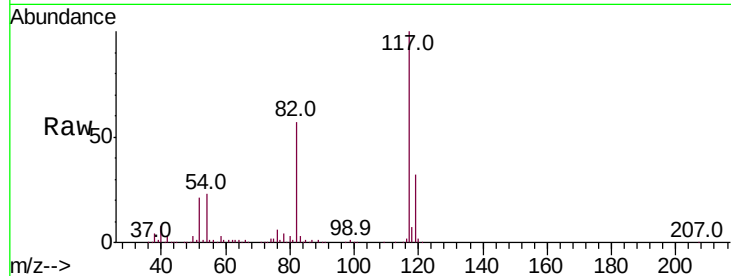




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055193.D
Acq: 23 Apr 2019 9:42

Instrument :
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VN0423MBL01

Tot Ion:117 Resp: 580211
Ion Ratio Lower Upper
117 100
82 57.1 45.7 68.5
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055193.D
Acq: 23 Apr 2019 9:42

Tgt Ion:152 Resp: 156415
Ion Ratio Lower Upper
152 100
115 58.7 28.9 86.7
150 158.9 0.0 346.6

