

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053476.D
 Acq On : 18 Jan 2019 17:04
 Operator : JC/SP
 Sample : K1199-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW521-4246

Quant Time: Jan 21 10:53:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	821568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1287189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1223549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	542013	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	421824	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
35) Dibromofluoromethane	7.59	113	384524	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
50) Toluene-d8	10.09	98	1590124	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.40	95	553719	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	

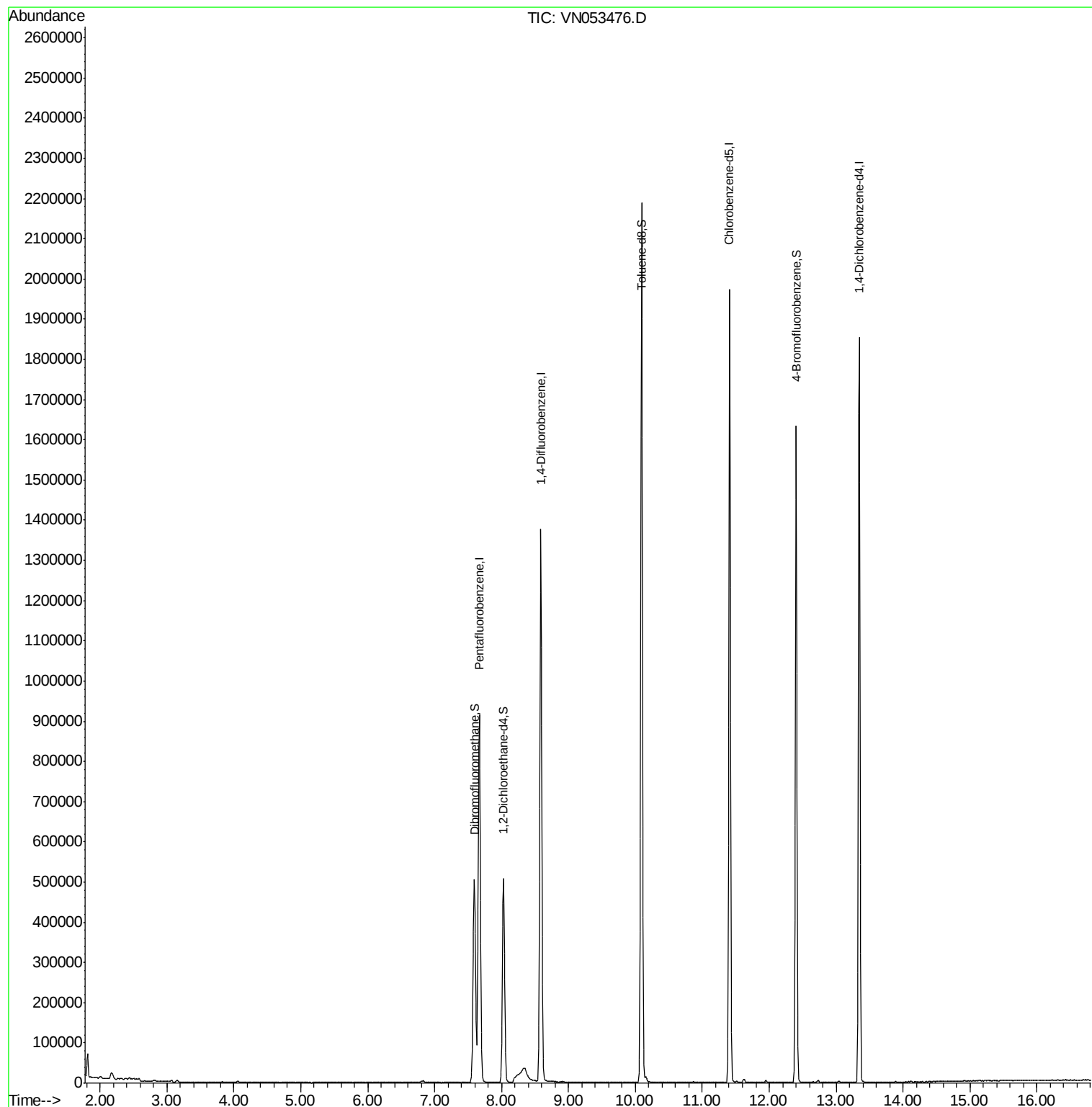
Target Compounds	Qvalue

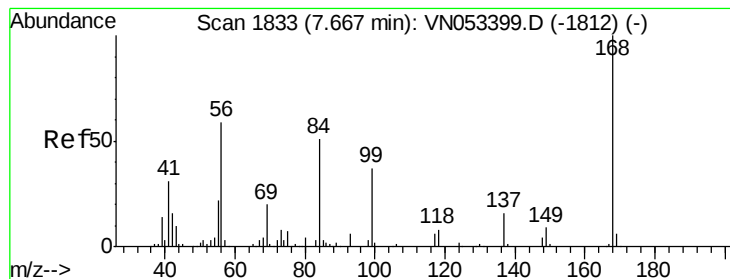
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011819\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN053476.D

Acq: 18 Jan 2019 17:04

Instrument :

MSVOA_N

ClientSampleId :

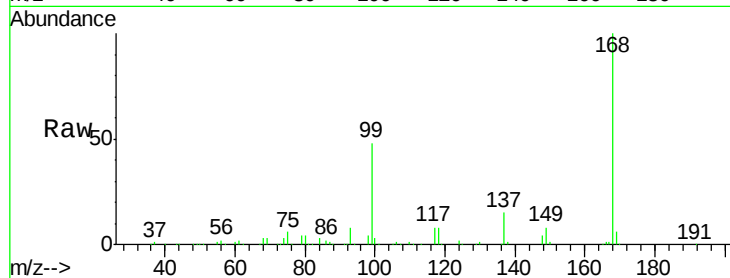
SA-TW521-4246

Tot Ion:168 Resp: 821568

Ion Ratio Lower Upper

168 100

99 47.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1812) (-)

7.67

400000

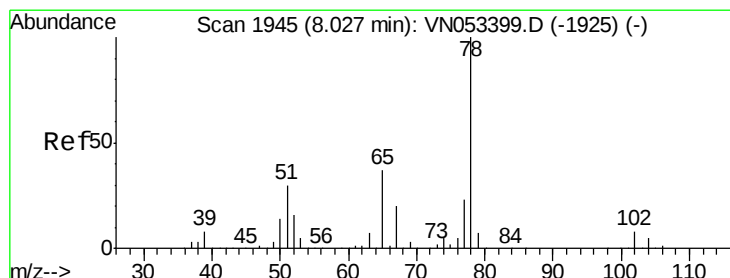
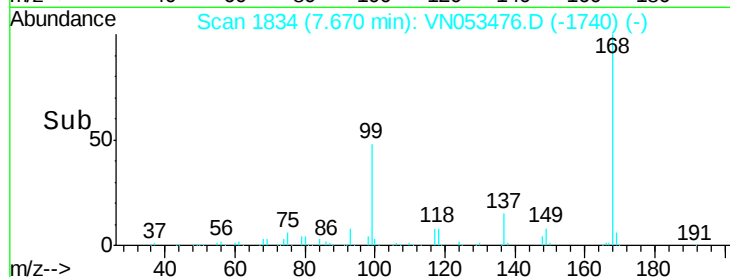
300000

200000

100000

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: VN053476.D

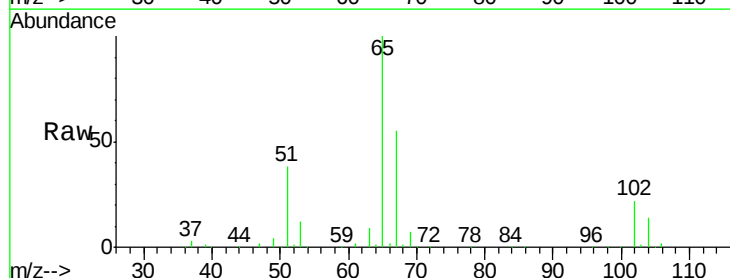
Acq: 18 Jan 2019 17:04

Tgt Ion: 65 Resp: 421824

Ion Ratio Lower Upper

65 100

67 54.9 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN053399.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN053399.D (-1925) (-)

8.03

200000

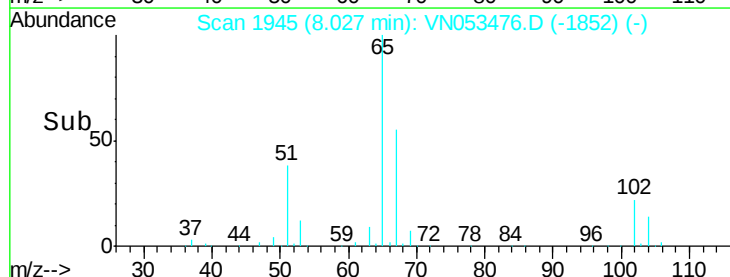
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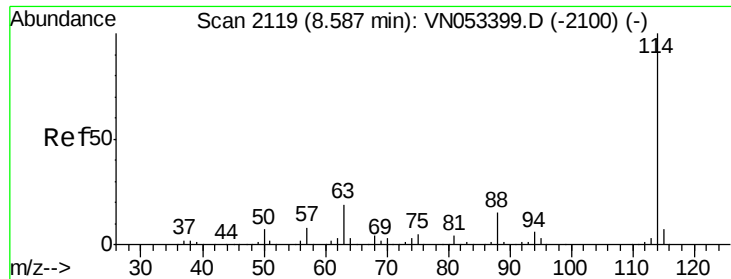
100000

50000

0

Time-->

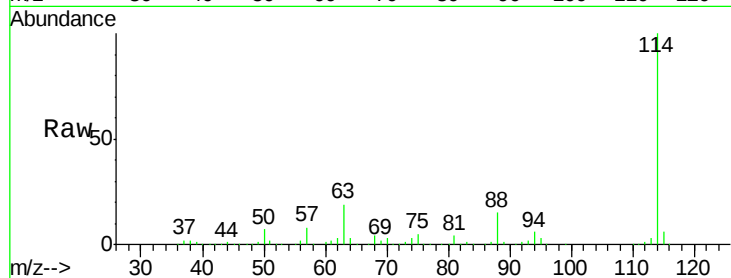




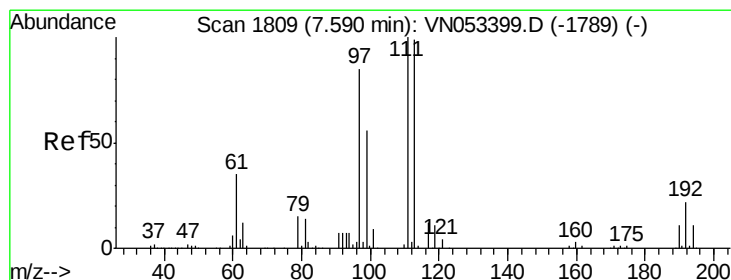
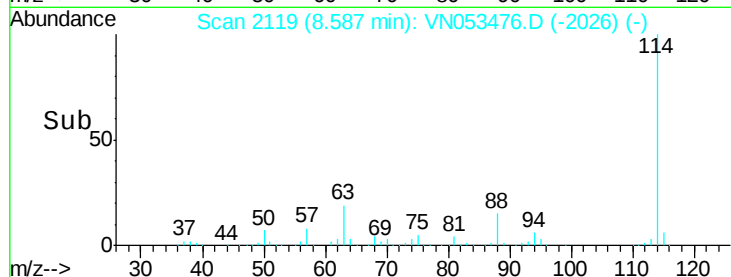
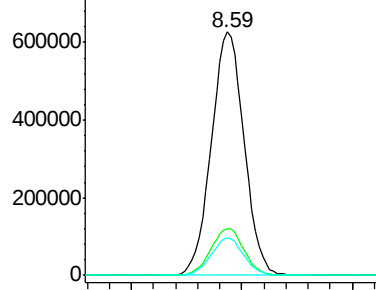
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053476.D
Acq: 18 Jan 2019 17:04

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-4246

Tot Ion:114 Resp: 1287189
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.6
88 15.2 0.0 30.4

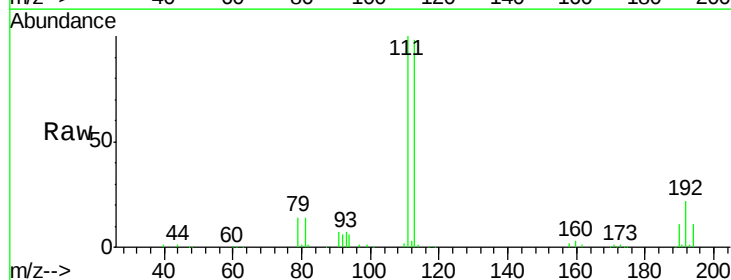


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

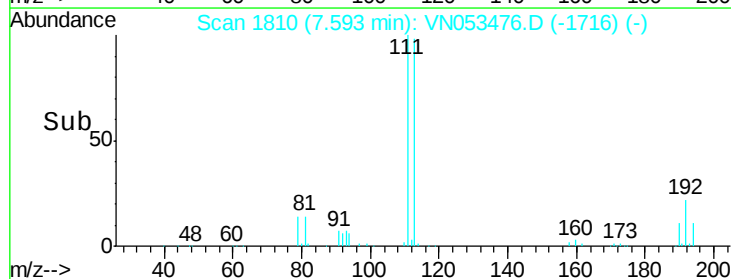
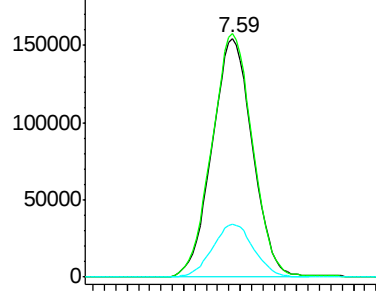


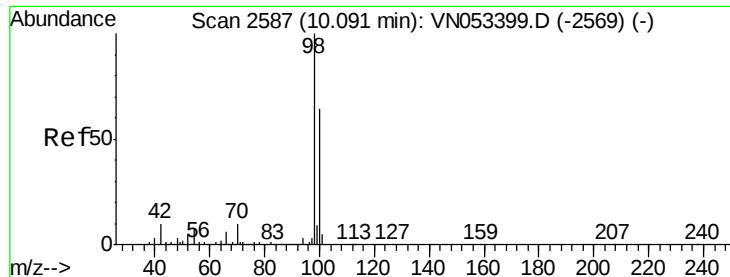
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053476.D
Acq: 18 Jan 2019 17:04

Tgt Ion:113 Resp: 384524
Ion Ratio Lower Upper
113 100
111 103.0 81.1 121.7
192 22.7 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: VN053476.D

Acq: 18 Jan 2019 17:04

Instrument :

MSVOA_N

ClientSampleId :

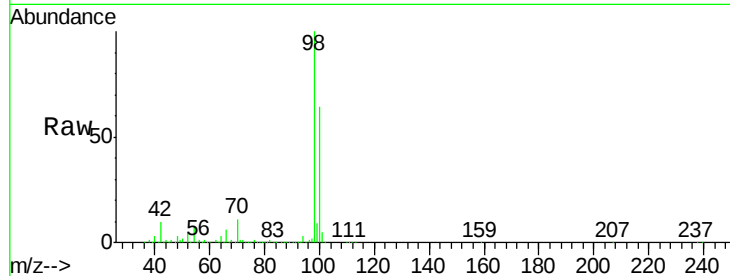
SA-TW521-4246

Tot Ion: 98 Resp: 1590124

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053399.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN053399.D (-2569) (-)

1000000

800000

600000

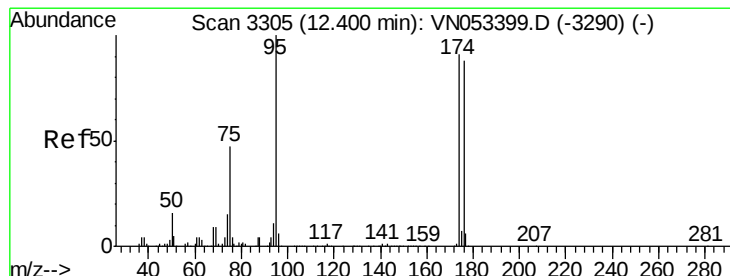
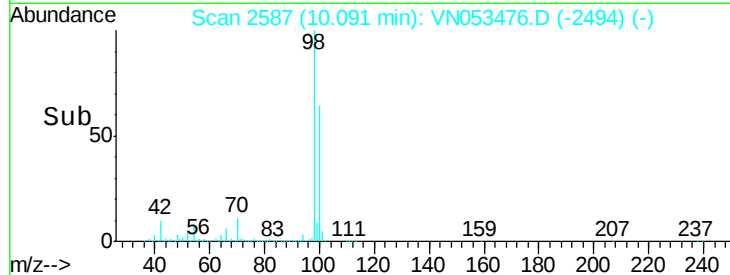
400000

200000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053476.D

Acq: 18 Jan 2019 17:04

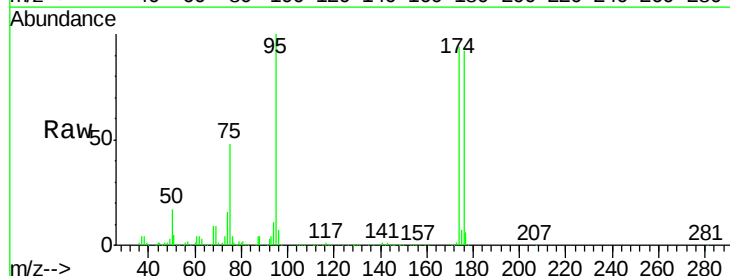
Tgt Ion: 95 Resp: 553719

Ion Ratio Lower Upper

95 100

174 92.9 0.0 183.2

176 90.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)

400000

300000

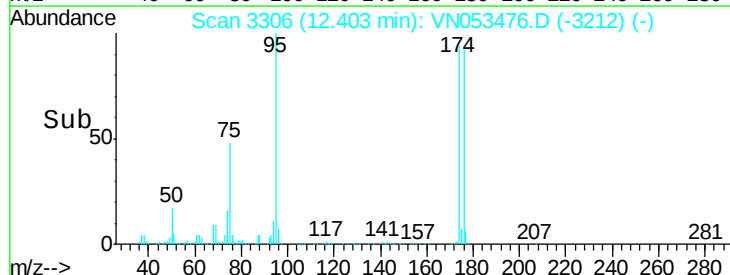
200000

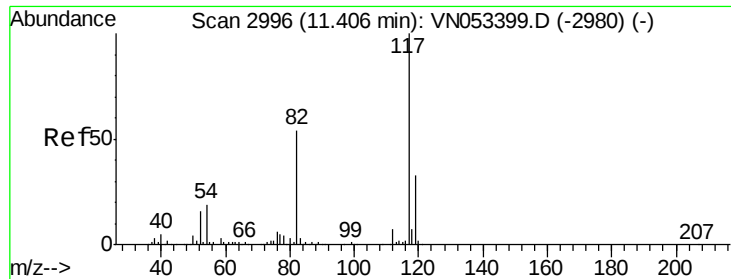
100000

0

12.30 12.40 12.50

Time-->

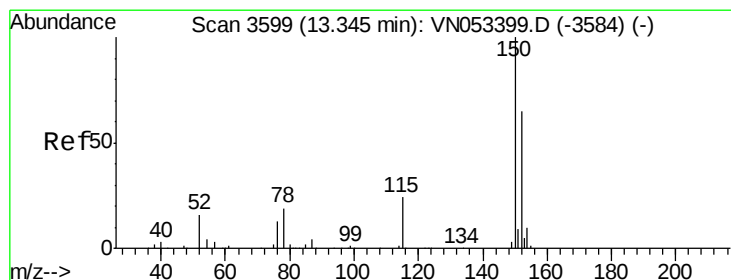
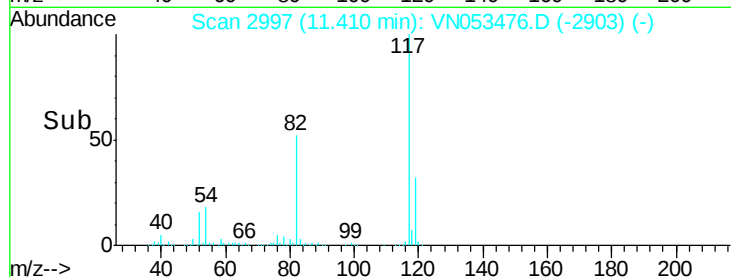
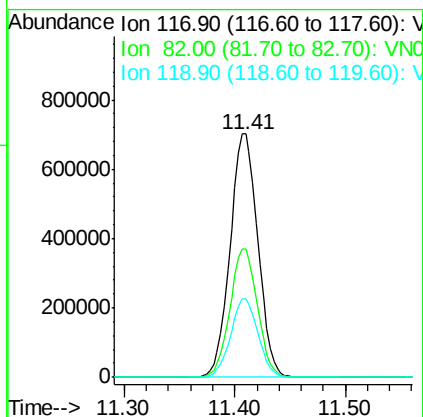
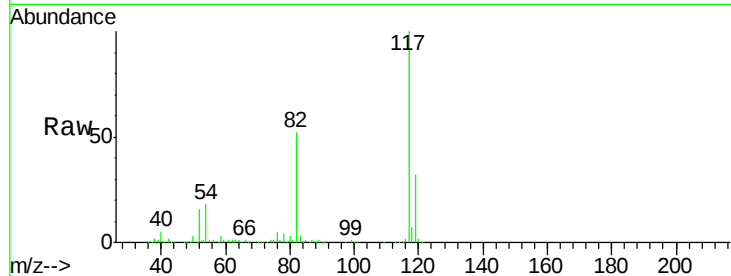




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053476.D
Acq: 18 Jan 2019 17:04

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-4246

Tot Ion:117 Resp: 1223549
Ion Ratio Lower Upper
117 100
82 52.5 42.9 64.3
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053476.D
Acq: 18 Jan 2019 17:04

Tgt Ion:152 Resp: 542013
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.4
150 156.8 0.0 349.0

