

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053472.D
 Acq On : 18 Jan 2019 15:17
 Operator : JC/SP
 Sample : K1199-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW521-3337

Quant Time: Jan 19 00:55:30 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	904345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1411925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1295894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	529089	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	455710	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
35) Dibromofluoromethane	7.59	113	418804	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	10.09	98	1736710	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.40	95	571701	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	

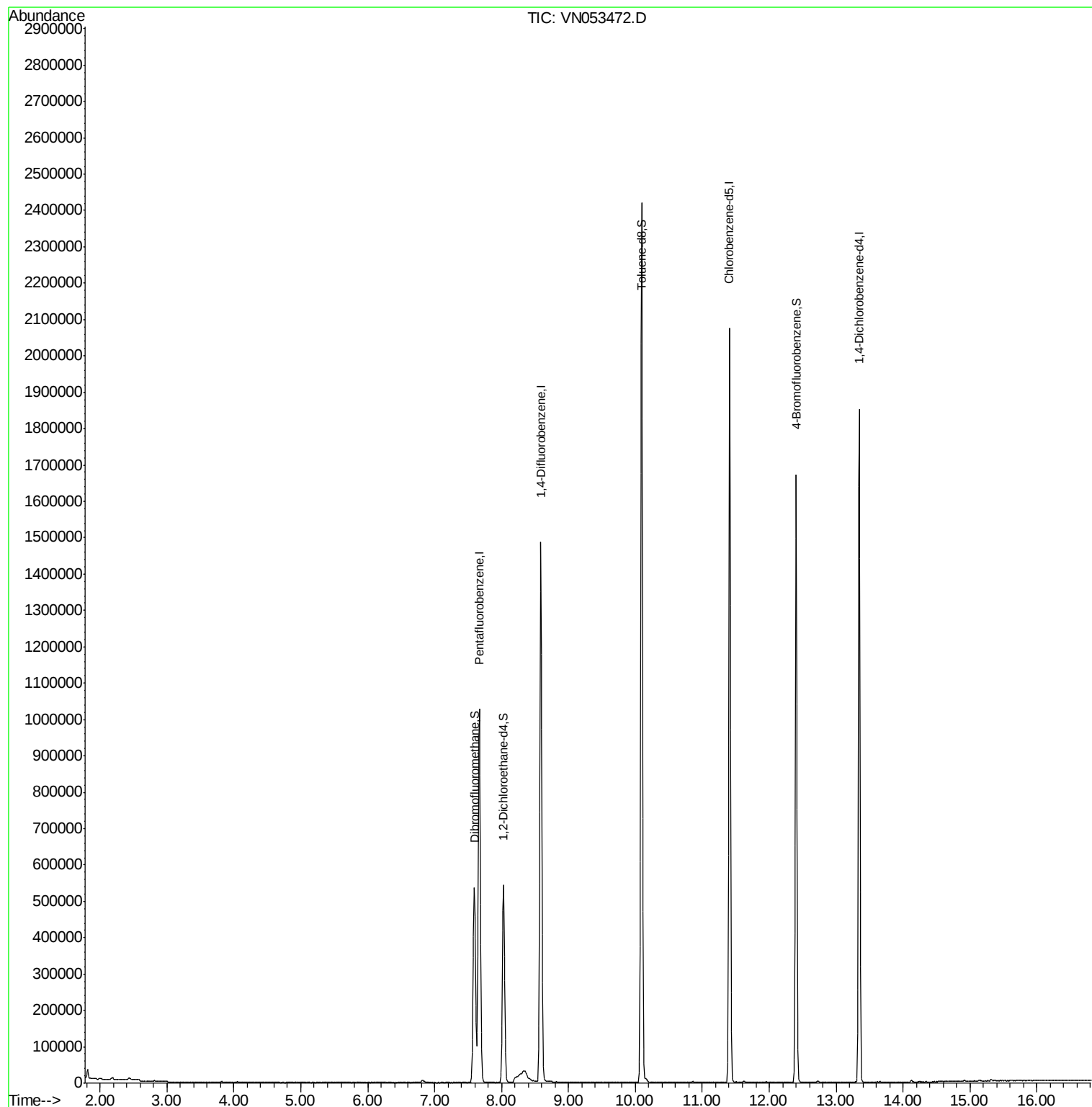
Target Compounds	Qvalue

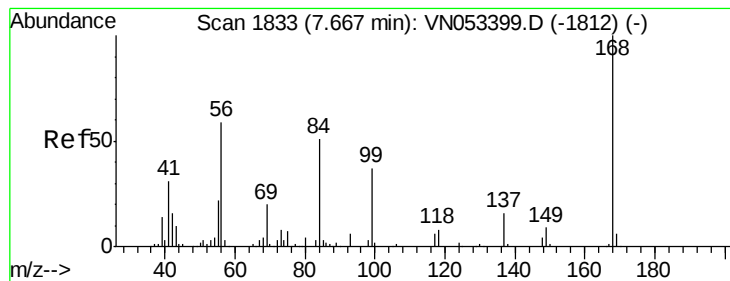
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053472.D

Acq: 18 Jan 2019 15:17

Instrument :

MSVOA_N

ClientSampleId :

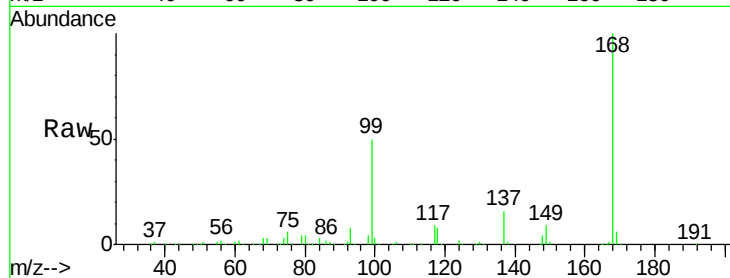
SA-TW521-3337

Tot Ion:168 Resp: 904345

Ion Ratio Lower Upper

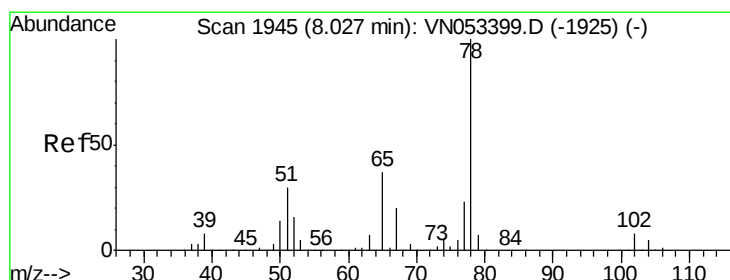
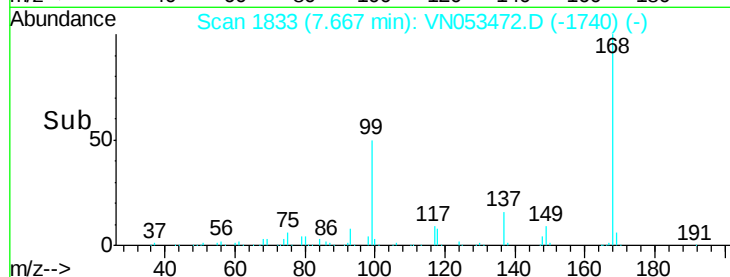
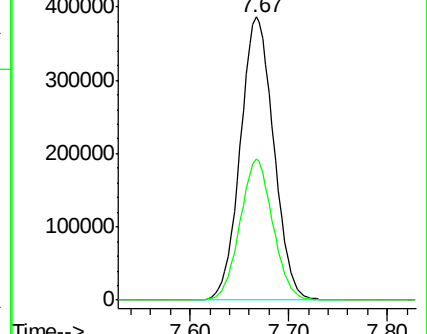
168 100

99 49.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN053472.D

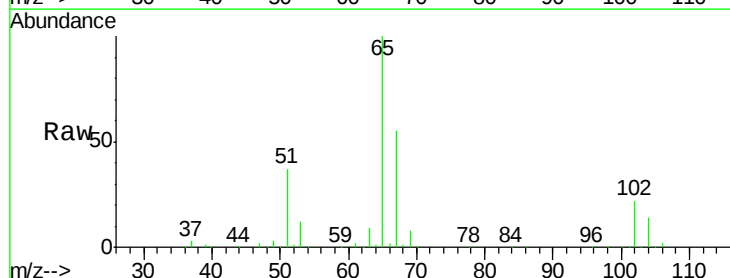
Acq: 18 Jan 2019 15:17

Tgt Ion: 65 Resp: 455710

Ion Ratio Lower Upper

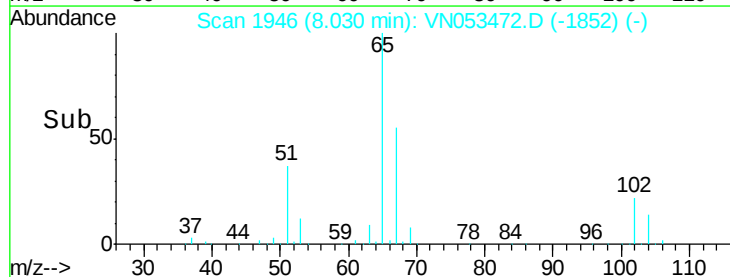
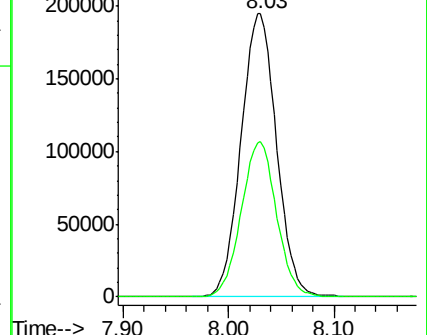
65 100

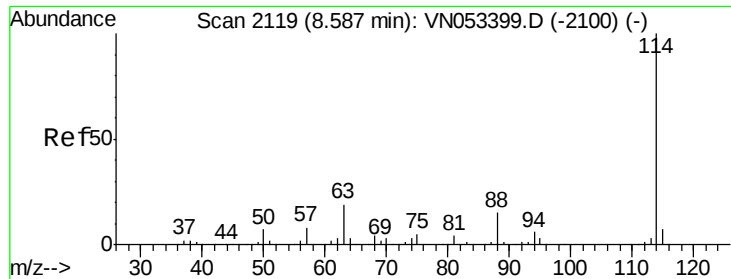
67 54.5 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

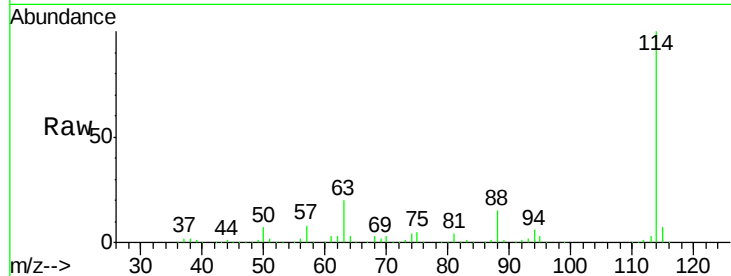




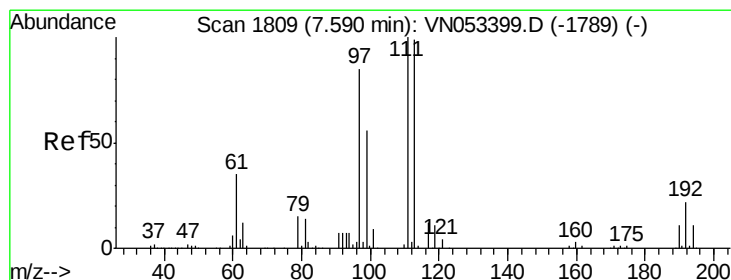
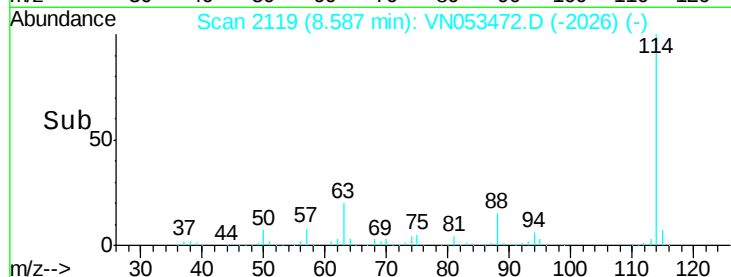
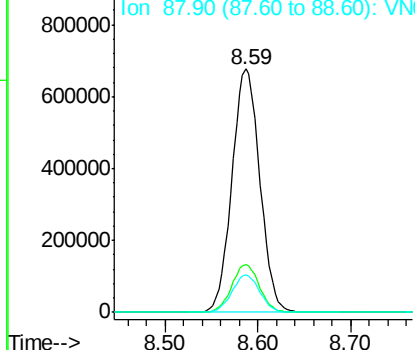
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053472.D
 Acq: 18 Jan 2019 15:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW521-3337

Tot Ion:114 Resp: 1411925
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.3 0.0 30.4

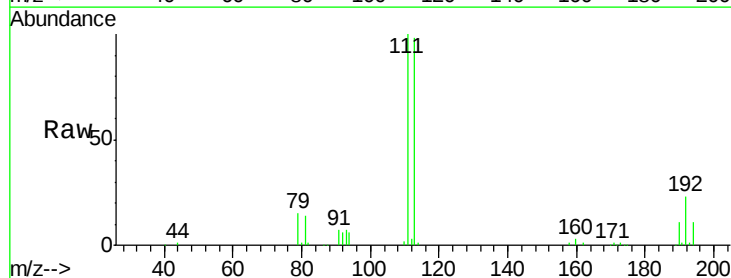


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

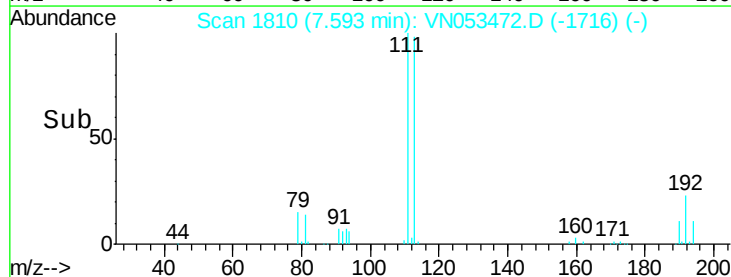
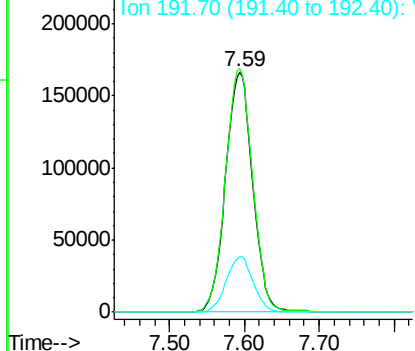


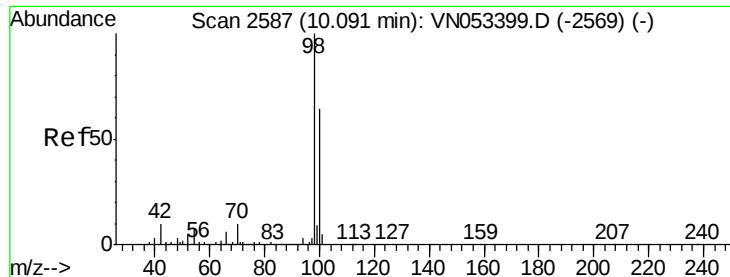
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053472.D
 Acq: 18 Jan 2019 15:17

Tgt Ion:113 Resp: 418804
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.1 121.7
 192 22.8 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: VN053472.D

Acq: 18 Jan 2019 15:17

Instrument :

MSVOA_N

ClientSampled :

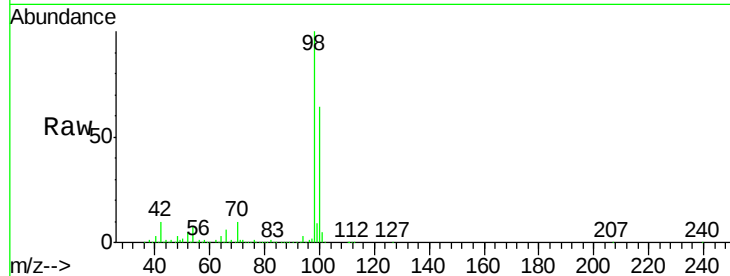
SA-TW521-3337

Tot Ion: 98 Resp: 1736710

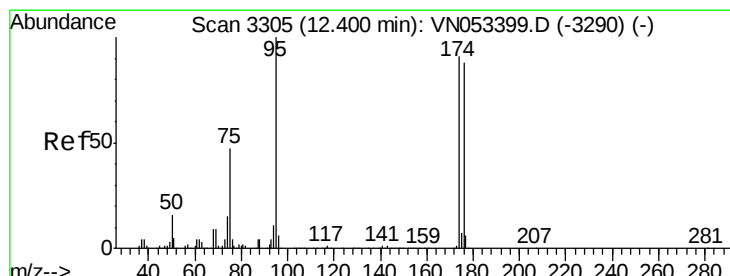
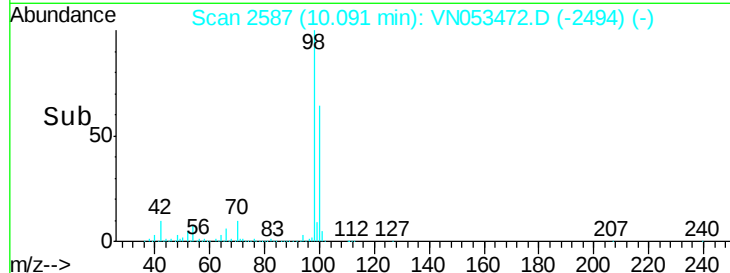
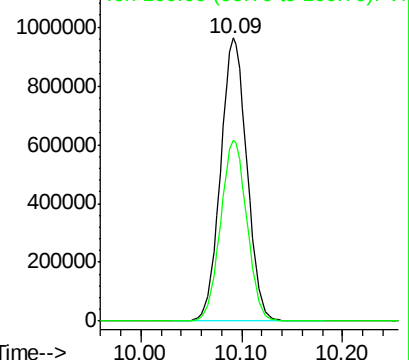
Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



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



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053472.D

Acq: 18 Jan 2019 15:17

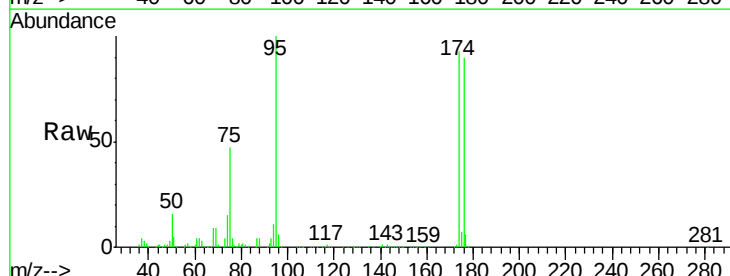
Tgt Ion: 95 Resp: 571701

Ion Ratio Lower Upper

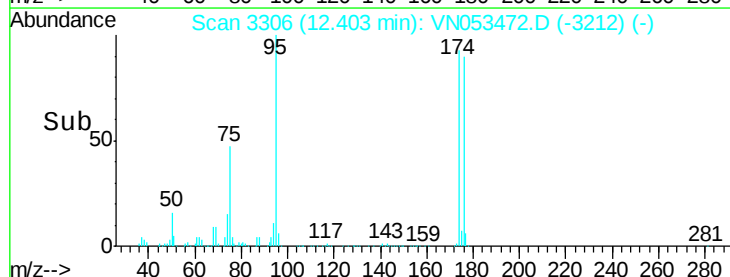
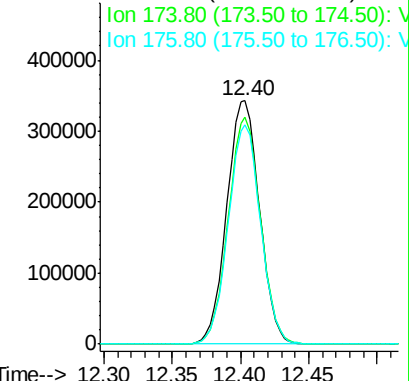
95 100

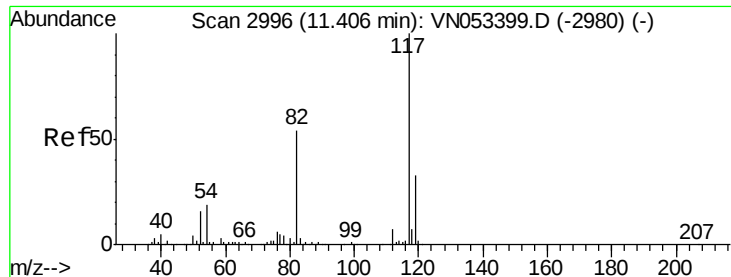
174 91.7 0.0 183.2

176 88.7 0.0 177.4



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

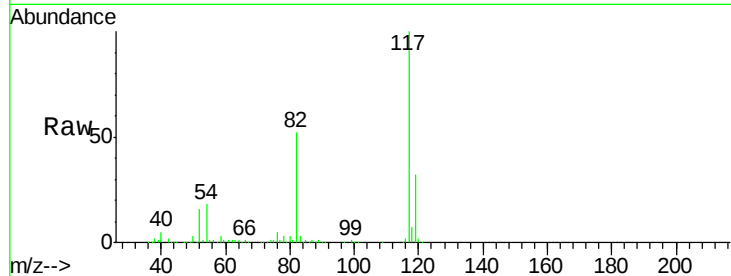




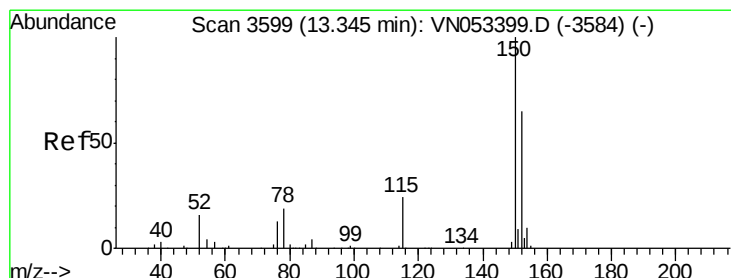
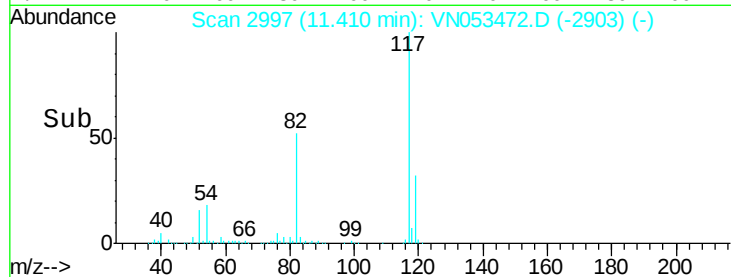
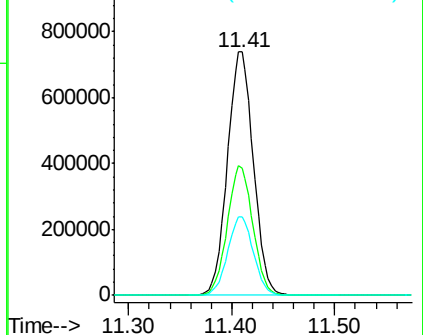
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053472.D
Acq: 18 Jan 2019 15:17

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-3337

Tot Ion:117 Resp: 1295894
Ion Ratio Lower Upper
117 100
82 52.4 42.9 64.3
119 32.2 26.0 39.0

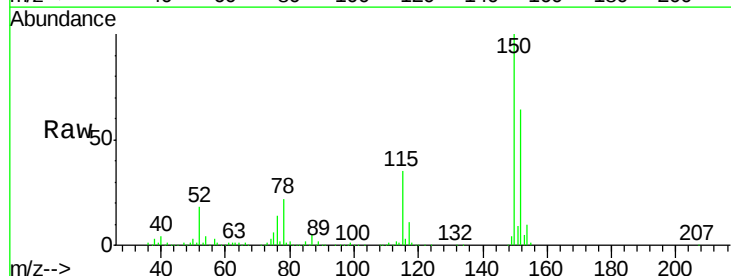


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053472.D
Acq: 18 Jan 2019 15:17

Tgt Ion:152 Resp: 529089
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.4
150 155.3 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

