

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053475.D
 Acq On : 18 Jan 2019 16:37
 Operator : JC/SP
 Sample : K1199-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW520-4246

Quant Time: Jan 21 10:53:19 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	847556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1325653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1228975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	520381	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	431037	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
35) Dibromofluoromethane	7.59	113	391846	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
50) Toluene-d8	10.09	98	1634232	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.40	95	545082	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

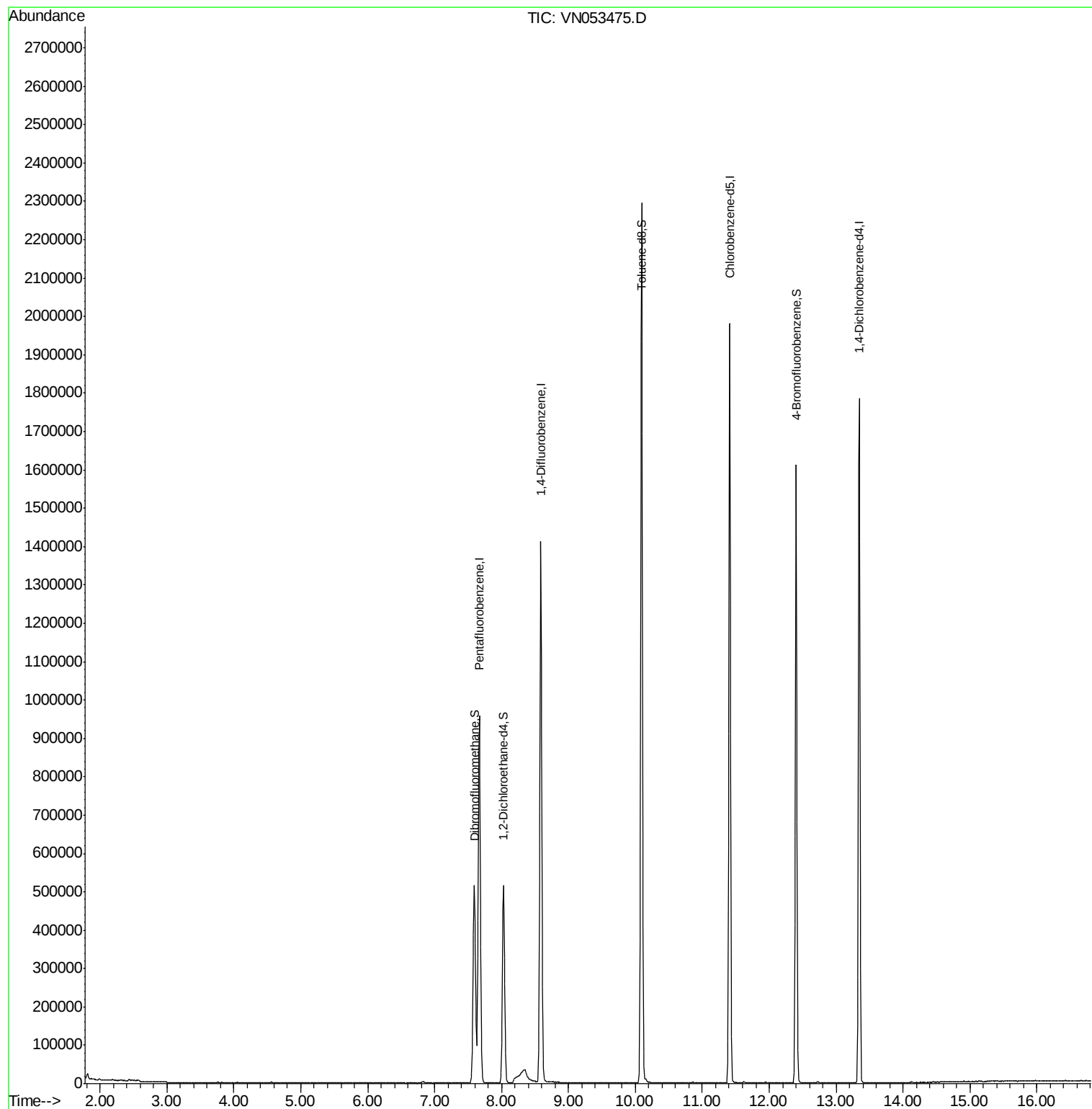
Target Compounds	Qvalue

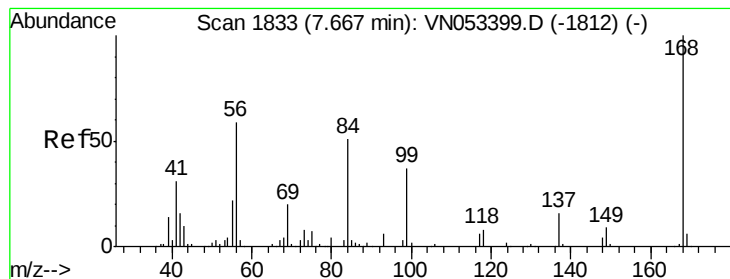
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053475.D

Acq: 18 Jan 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

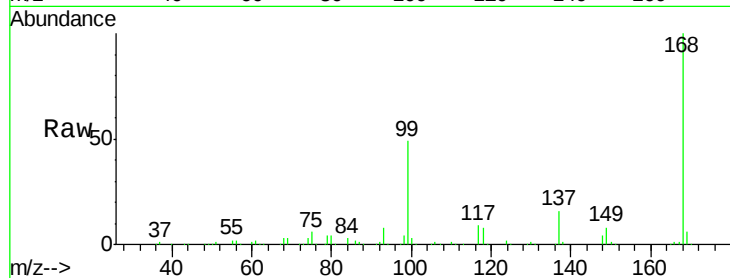
SA-TW520-4246

Tot Ion:168 Resp: 847556

Ion Ratio Lower Upper

168 100

99 49.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

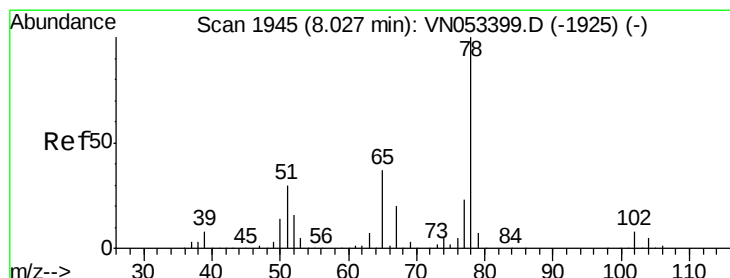
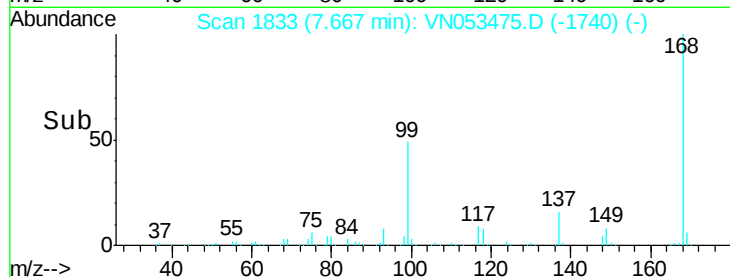
300000

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: VN053475.D

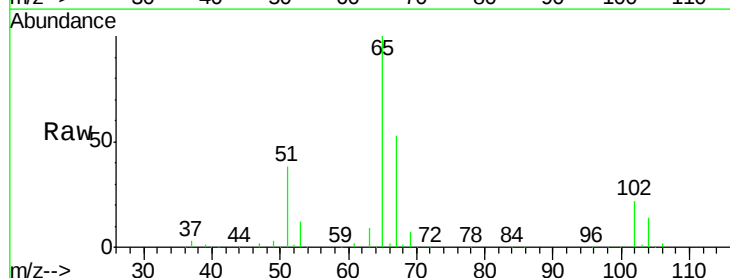
Acq: 18 Jan 2019 16:37

Tgt Ion: 65 Resp: 431037

Ion Ratio Lower Upper

65 100

67 55.1 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

200000

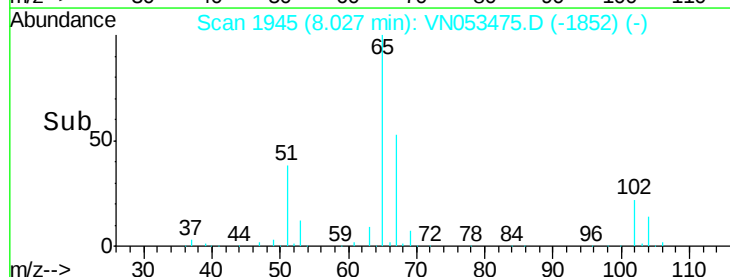
150000

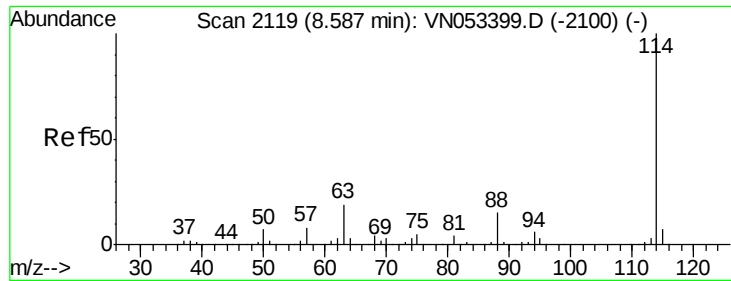
100000

50000

0

Time-->

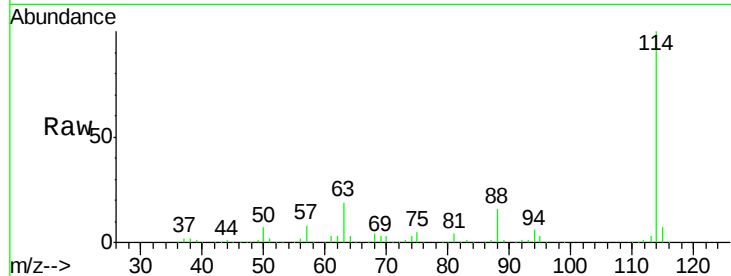




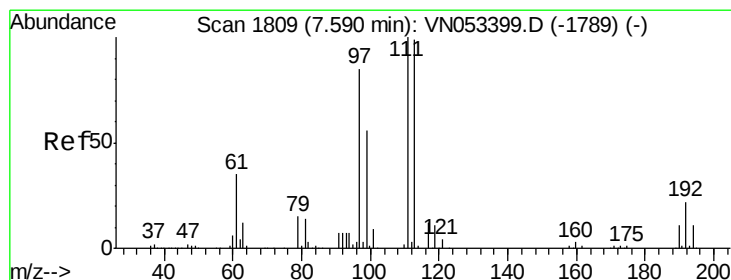
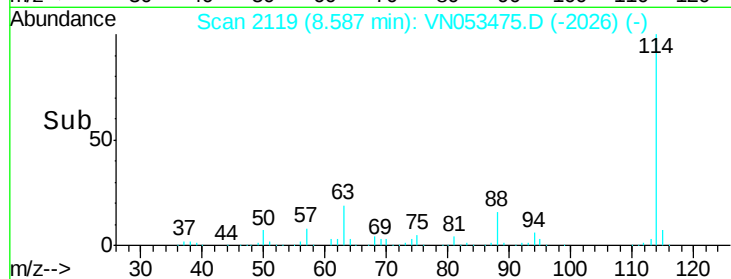
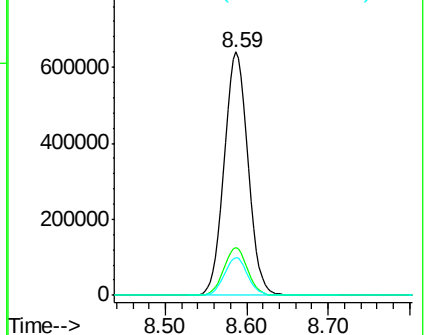
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053475.D
 Acq: 18 Jan 2019 16:37

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW520-4246

Tot Ion:114 Resp: 1325653
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.6 0.0 30.4

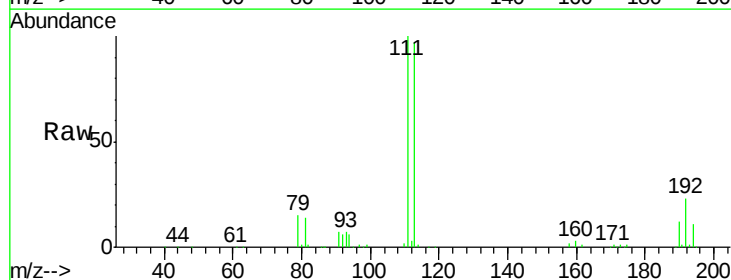


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

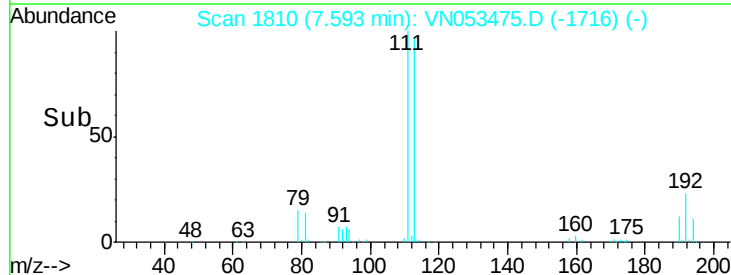
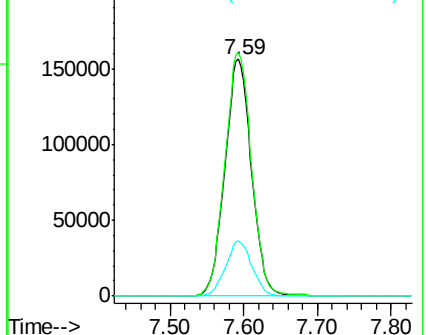


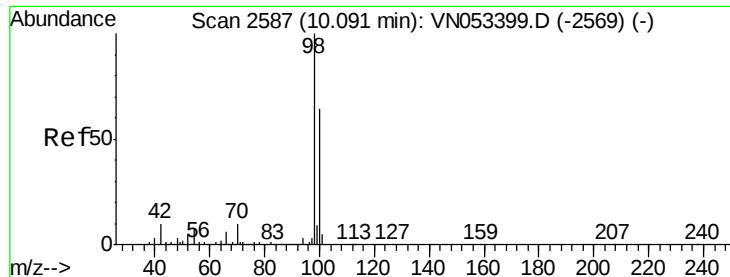
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053475.D
 Acq: 18 Jan 2019 16:37

Tgt Ion:113 Resp: 391846
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.1 121.7
 192 23.0 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: VN053475.D

Acq: 18 Jan 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

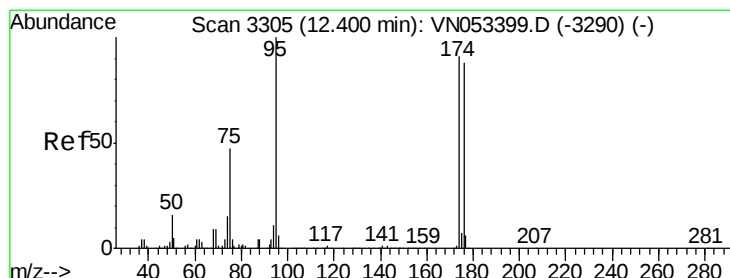
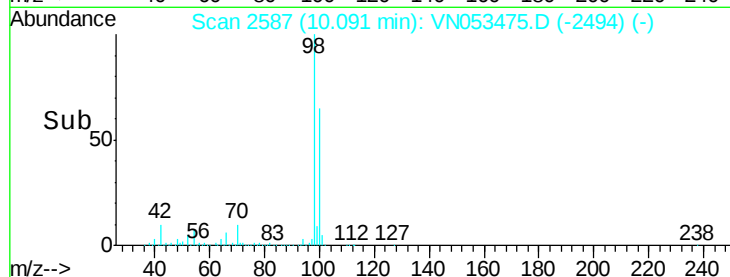
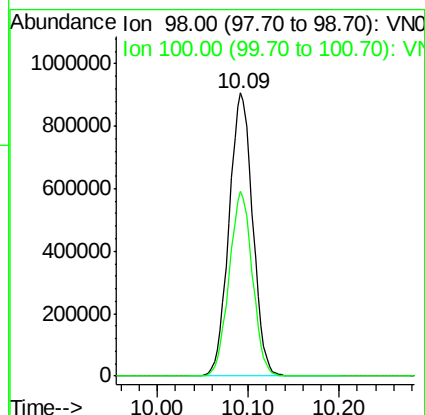
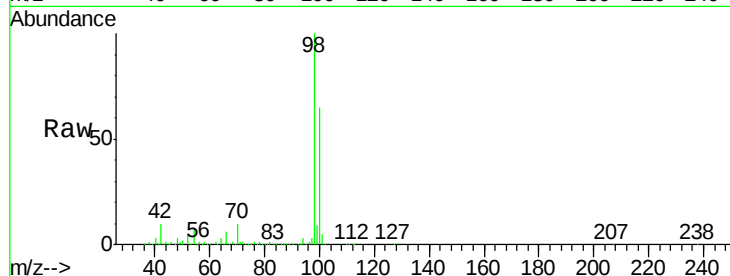
SA-TW520-4246

Tot Ion: 98 Resp: 1634232

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053475.D

Acq: 18 Jan 2019 16:37

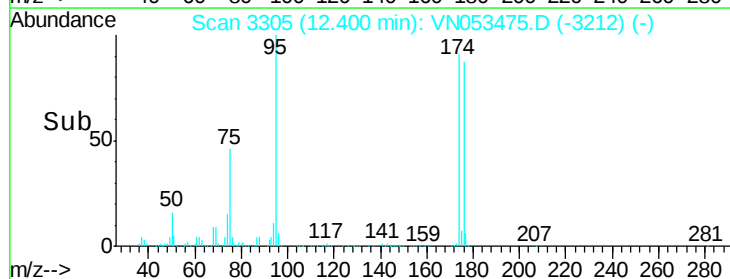
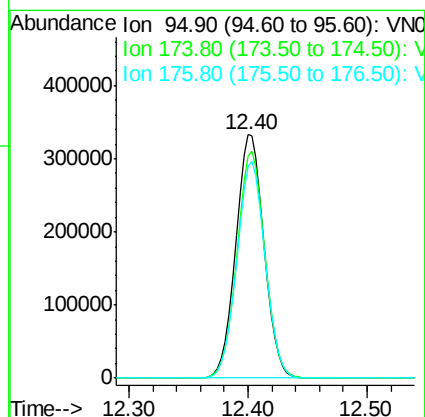
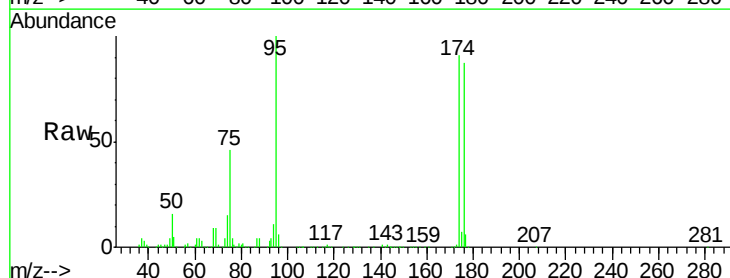
Tgt Ion: 95 Resp: 545082

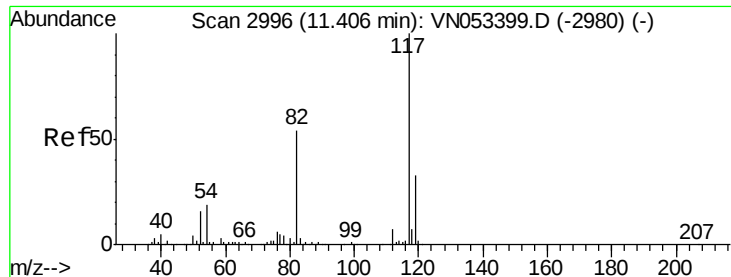
Ion Ratio Lower Upper

95 100

174 93.0 0.0 183.2

176 89.3 0.0 177.4

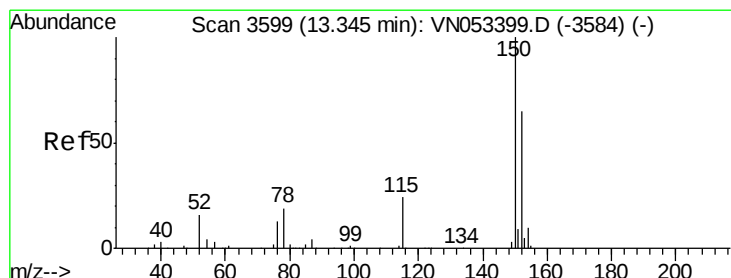
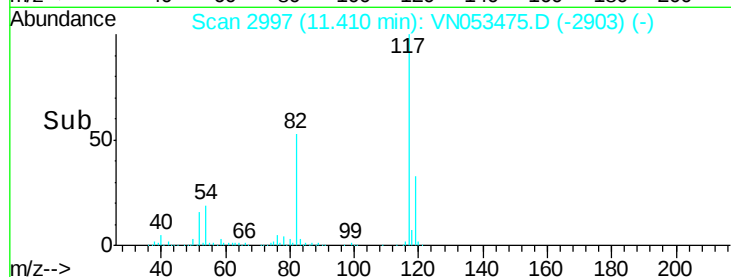
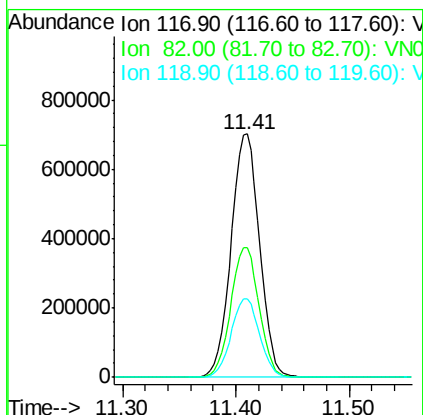
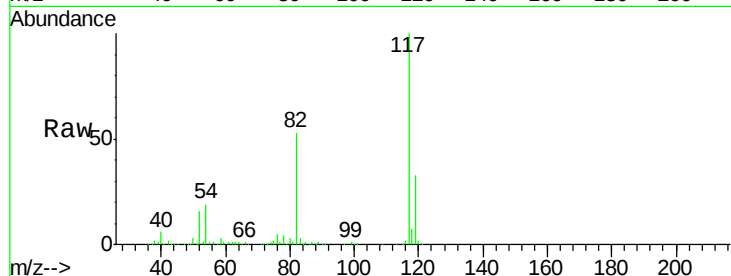




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053475.D
Acq: 18 Jan 2019 16:37

Instrument :
MSVOA_N
ClientSampleId :
SA-TW520-4246

Tot Ion:117 Resp: 1228975
Ion Ratio Lower Upper
117 100
82 53.1 42.9 64.3
119 32.5 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: VN053475.D
Acq: 18 Jan 2019 16:37

Tgt Ion:152 Resp: 520381
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.4
150 155.5 0.0 349.0

