

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012119\
 Data File : VN053497.D
 Acq On : 21 Jan 2019 10:59
 Operator : JC/SP
 Sample : K1173-05
 Misc : 8.61g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 RT-5124

Quant Time: Jan 22 04:35:36 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	7.66	168	786419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1216790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1140136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	503699	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	389978	50.17	ug/l	0.00
Spiked Amount						
			Recovery	=	100.34%	
35) Dibromofluoromethane	7.59	113	357078	51.42	ug/l	0.00
Spiked Amount						
			Recovery	=	102.84%	
50) Toluene-d8	10.09	98	1502103	51.15	ug/l	0.00
Spiked Amount						
			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.40	95	515993	50.10	ug/l	0.00
Spiked Amount						
			Recovery	=	100.20%	

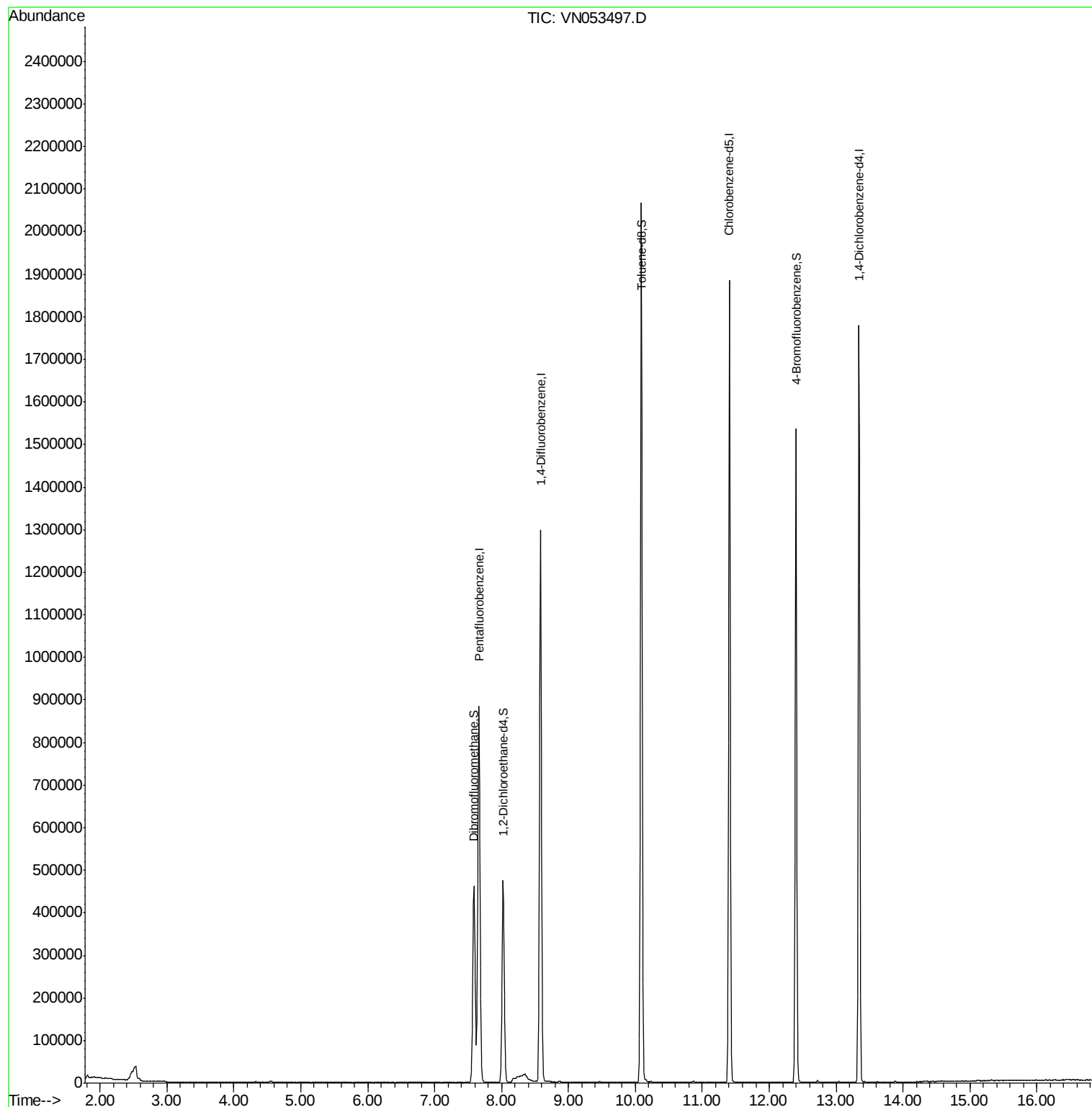
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VN053497.D

Acq: 21 Jan 2019 10:59

Instrument :

MSVOA_N

ClientSampled :

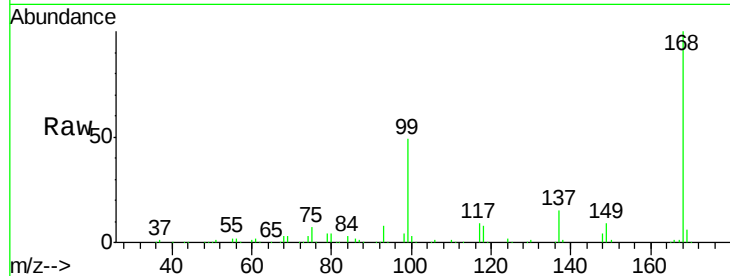
RT-5124

Tot Ion:168 Resp: 786419

Ion Ratio Lower Upper

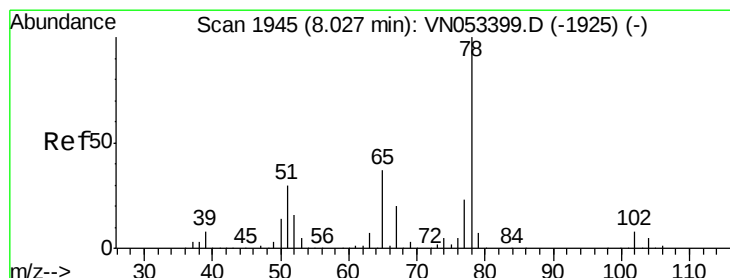
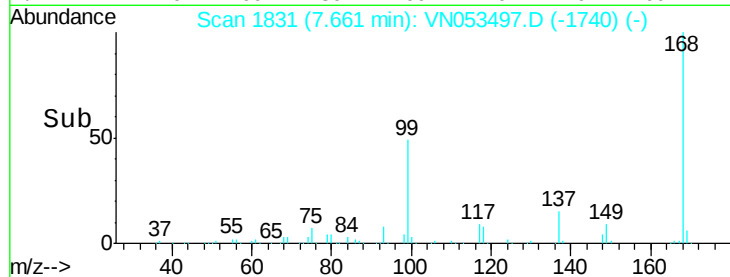
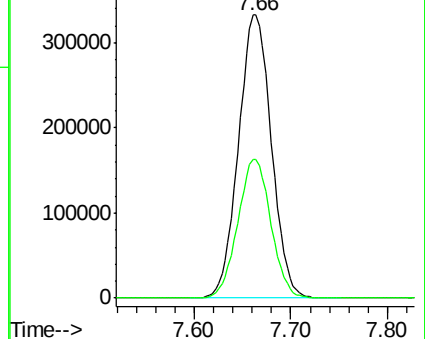
168 100

99 48.9 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: N.D. ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN053497.D

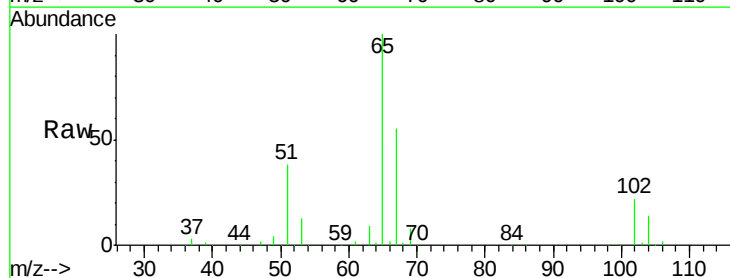
Acq: 21 Jan 2019 10:59

Tgt Ion: 65 Resp: 389978

Ion Ratio Lower Upper

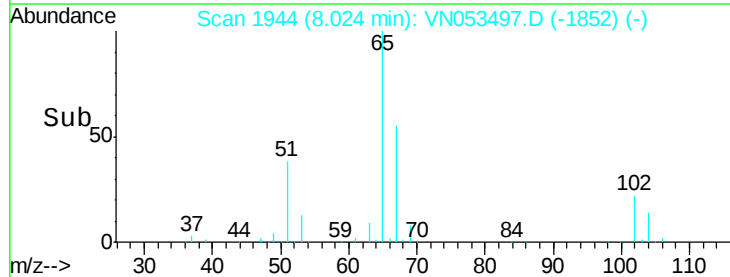
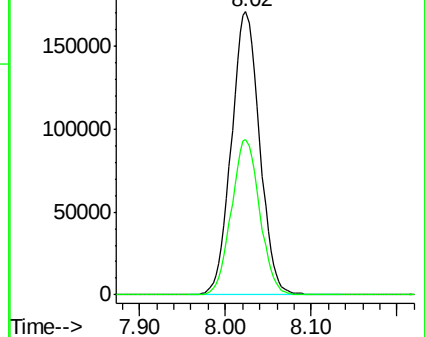
65 100

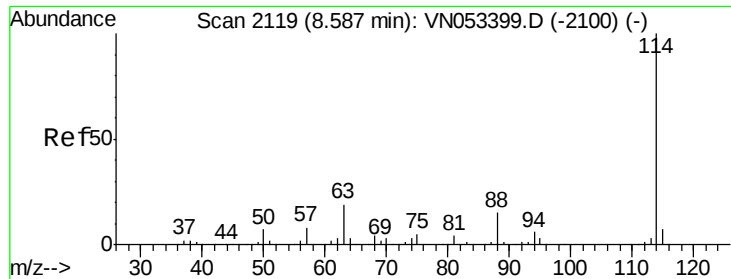
67 55.0 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

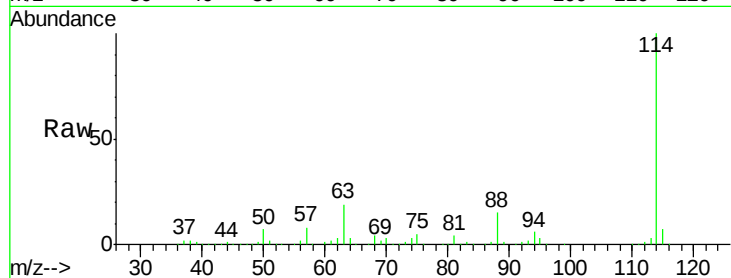




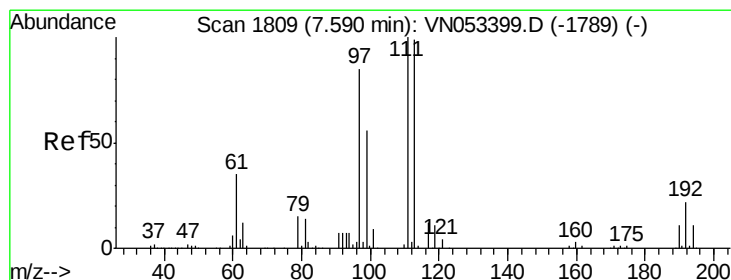
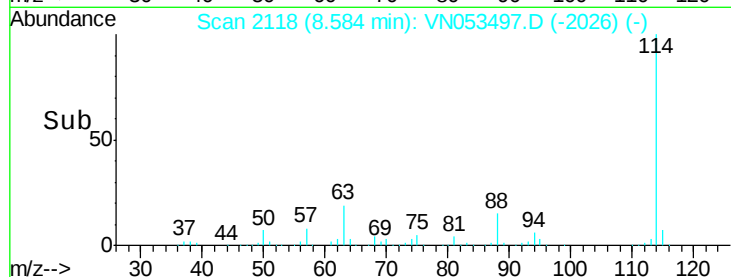
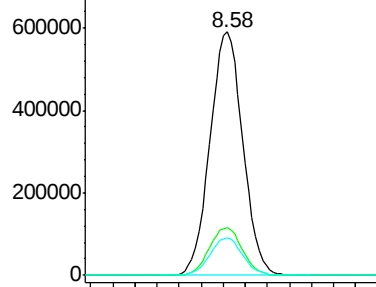
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053497.D
 Acq: 21 Jan 2019 10:59

Instrument :
 MSVOA_N
 ClientSampleId :
 RT-5124

Tot Ion:114 Resp: 1216790
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.4 0.0 30.4

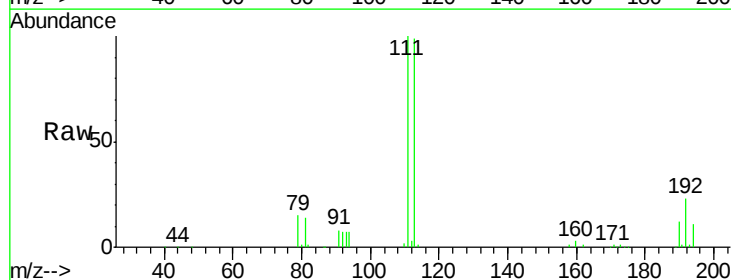


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

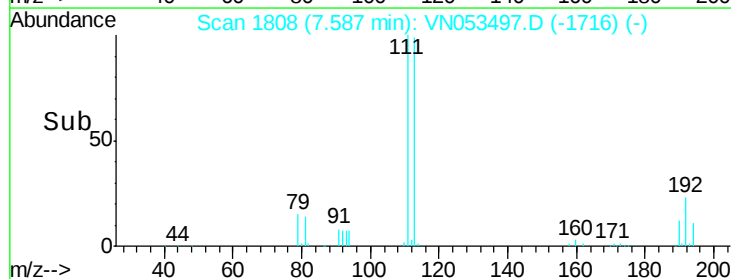
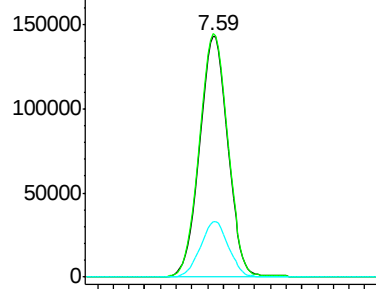


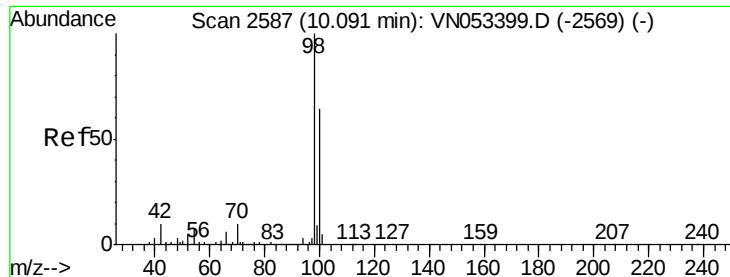
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN053497.D
 Acq: 21 Jan 2019 10:59

Tgt Ion:113 Resp: 357078
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.1 121.7
 192 22.9 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# 2586

Delta R.T. -0.00 min

Lab File: VN053497.D

Acq: 21 Jan 2019 10:59

Instrument :

MSVOA_N

ClientSampleId :

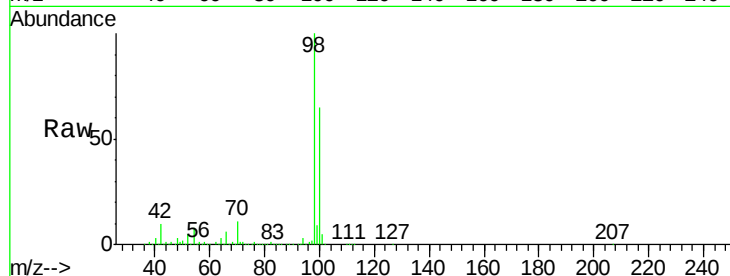
RT-5124

Tot Ion: 98 Resp: 1502103

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

800000

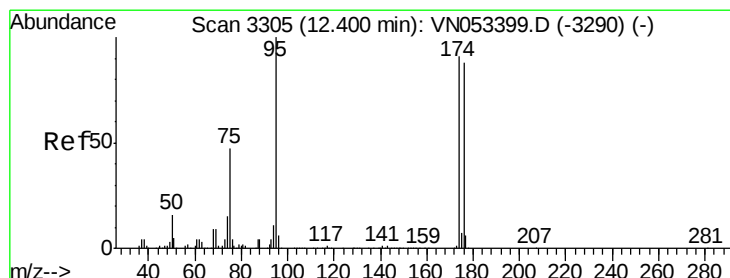
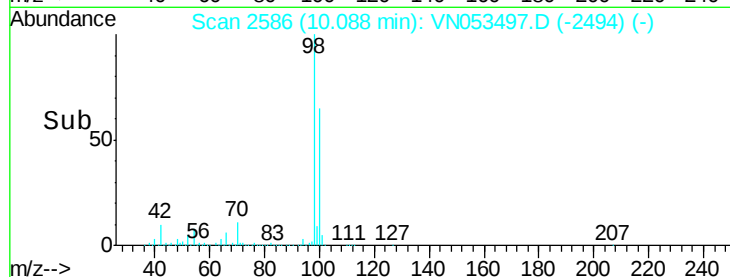
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053497.D

Acq: 21 Jan 2019 10:59

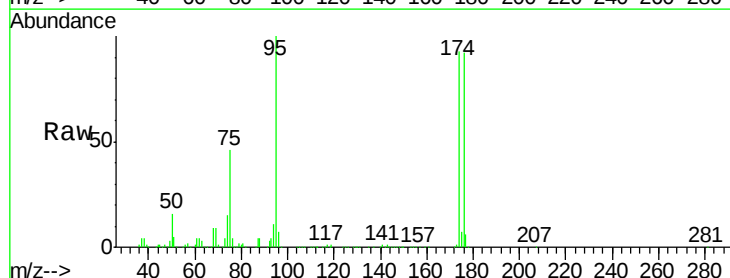
Tgt Ion: 95 Resp: 515993

Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.2

176 90.2 0.0 177.4



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

12.40

400000

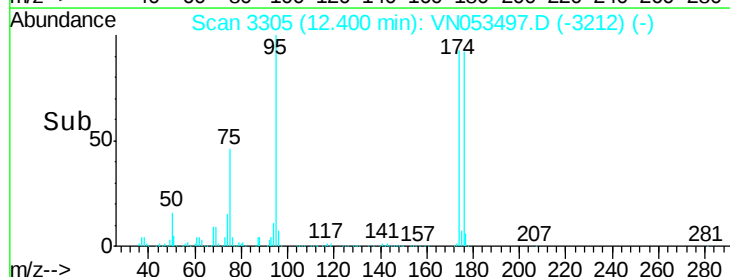
300000

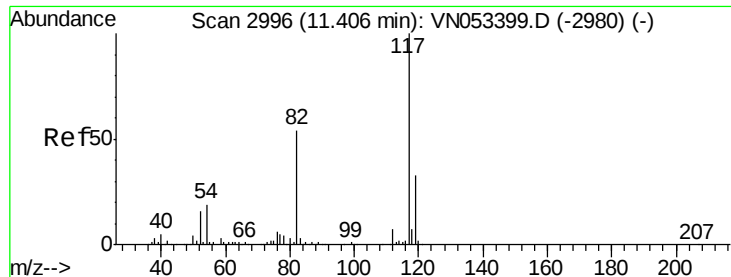
200000

100000

0

Time-->

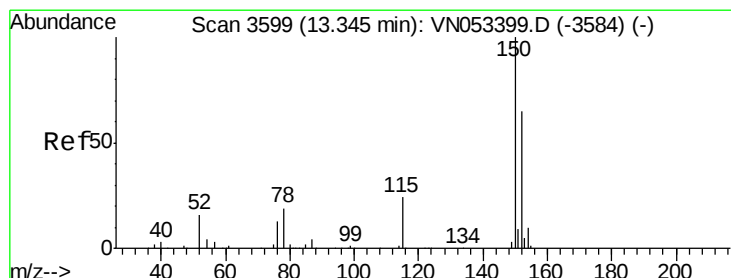
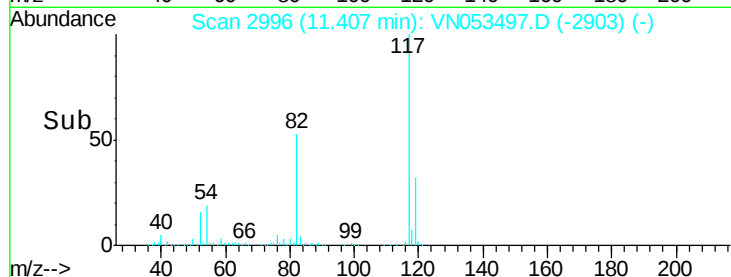
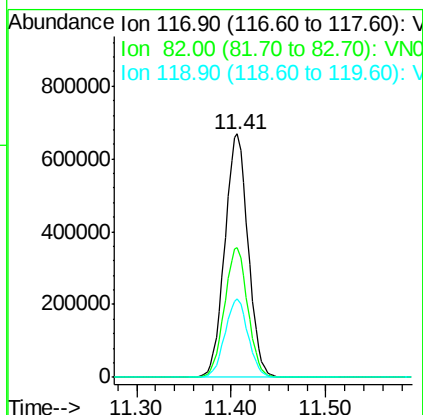
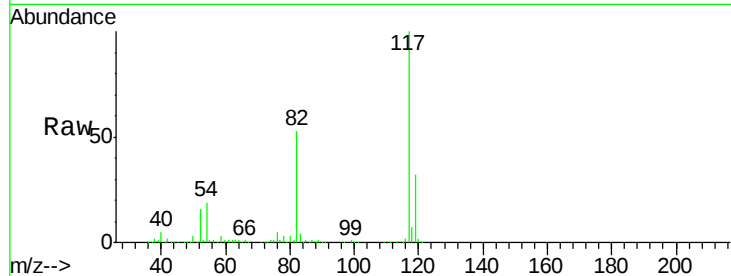




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053497.D
Acq: 21 Jan 2019 10:59

Instrument :
MSVOA_N
ClientSampled :
RT-5124

Tot Ion:117 Resp: 1140136
Ion Ratio Lower Upper
117 100
82 53.0 42.9 64.3
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053497.D
Acq: 21 Jan 2019 10:59

Tgt Ion:152 Resp: 503699
Ion Ratio Lower Upper
152 100
115 55.7 27.8 83.4
150 158.8 0.0 349.0

