

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112818\
 Data File : VN052547.D
 Acq On : 29 Nov 2018 4:20
 Operator : MD\SY
 Sample : J6120-03DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3DL

Quant Time: Nov 29 09:33:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	172790	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	989869	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	811288	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	348292	29.58	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.60%
60) 4-Bromofluorobenzene	12.40	95	325782	26.26	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	87.53%
63) Toluene-d8	10.09	98	1147676	30.51	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.70%

Target Compounds

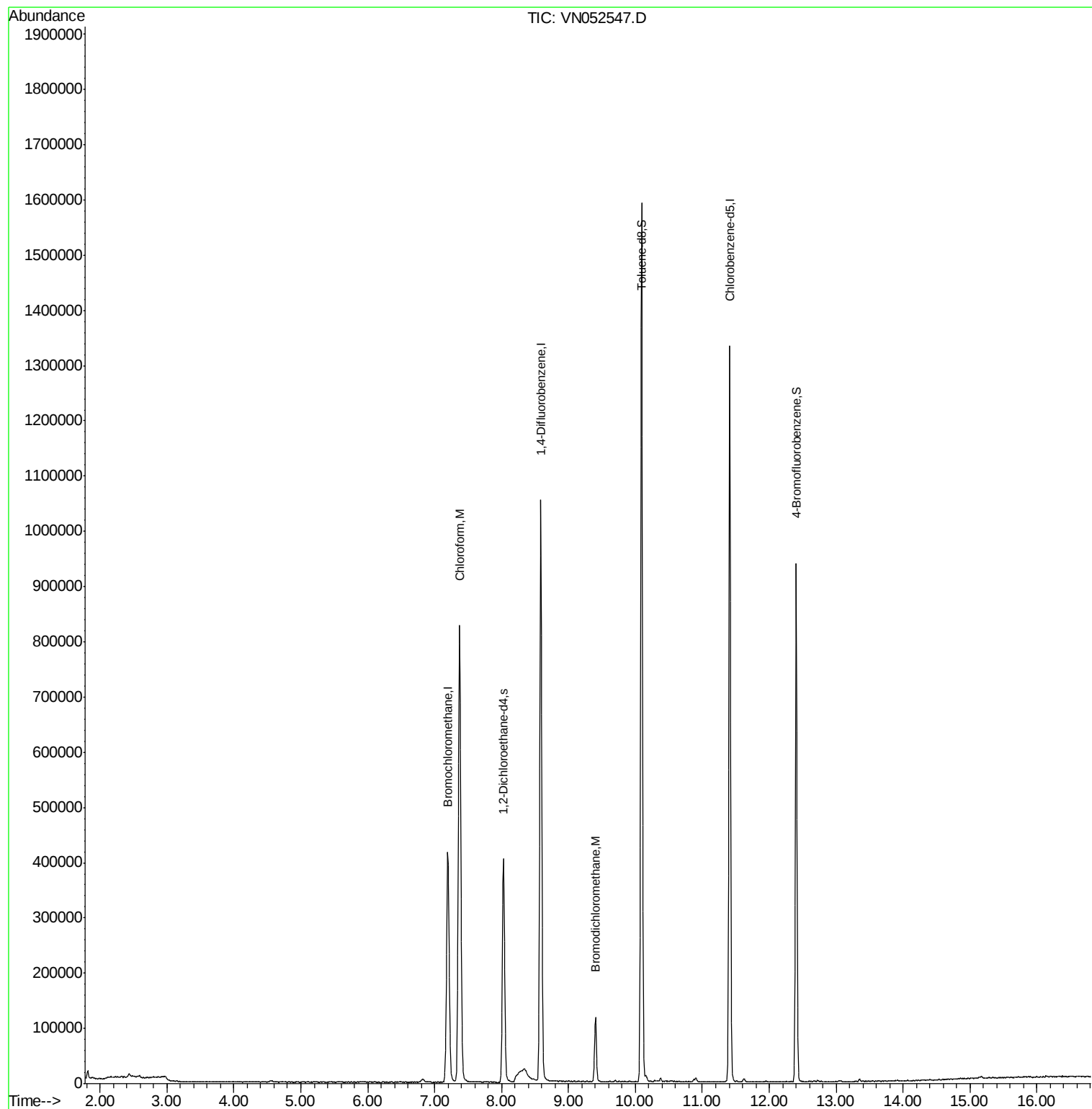
					Ovalue
25) Chloroform	7.37	83	902508	46.220	ug/l 99
41) Bromodichloromethane	9.40	83	83509	5.741	ug/l 95

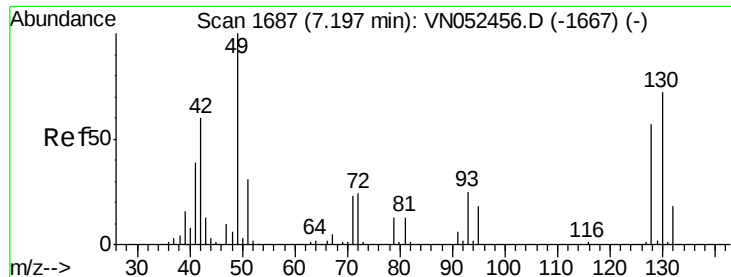
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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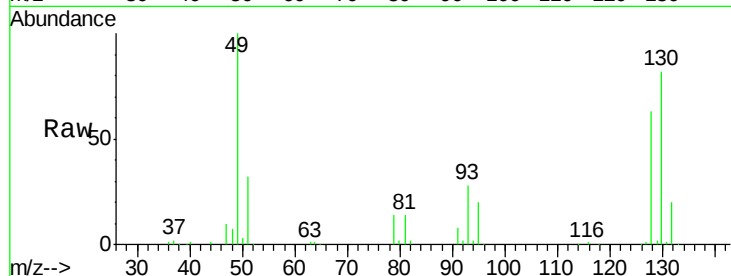




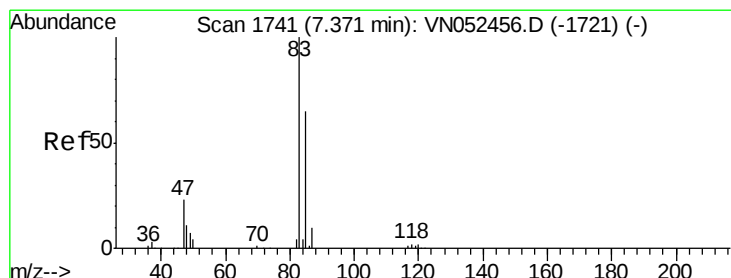
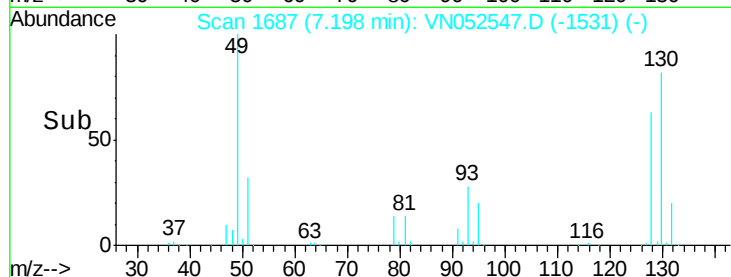
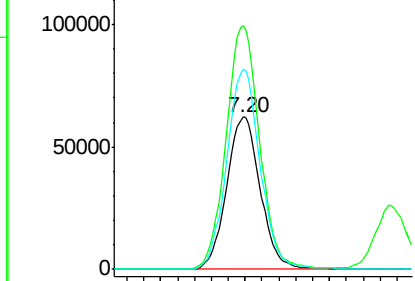
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN052547.D
Acq: 29 Nov 2018 4:20

Instrument :
MSVOA_N
ClientSampled :
14B-3DL

Tot Ion:128 Resp: 172790
Ion Ratio Lower Upper
128 100
49 158.5 0.0 431.8
130 130.1 0.0 317.0

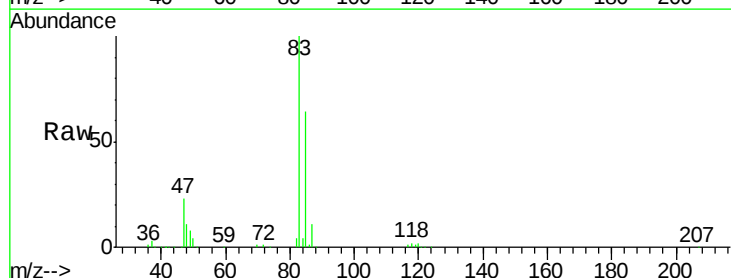


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): V
Ion 130.00 (129.70 to 130.70): V

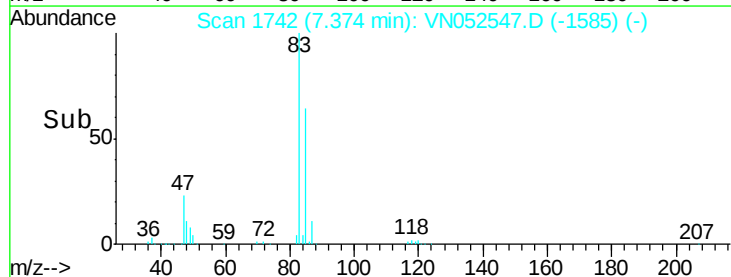
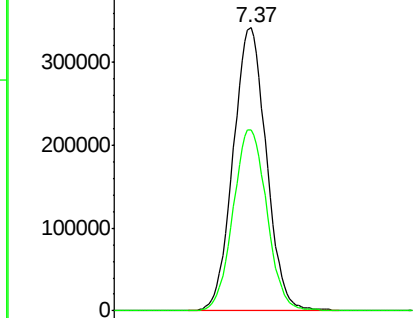


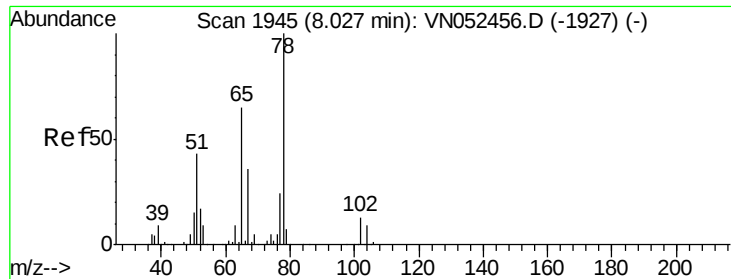
#25
Chloroform
Concen: 46.220 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052547.D
Acq: 29 Nov 2018 4:20

Tgt Ion: 83 Resp: 902508
Ion Ratio Lower Upper
83 100
85 63.9 51.7 77.5



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 85.00 (84.70 to 85.70): V





#27

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052547.D

Acq: 29 Nov 2018 4:20

Instrument :

MSVOA_N

ClientSampleId :

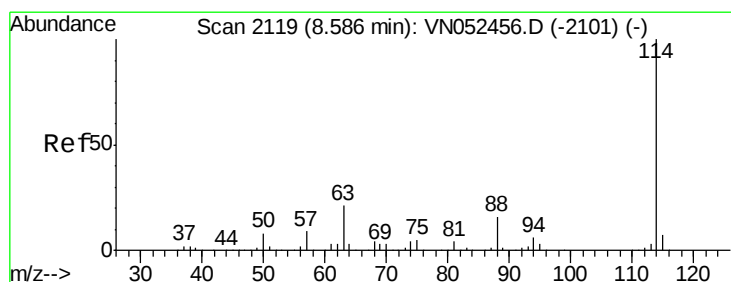
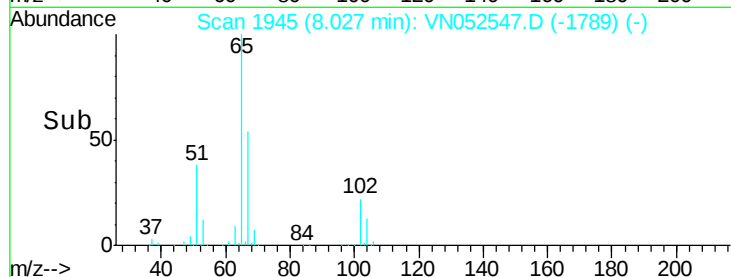
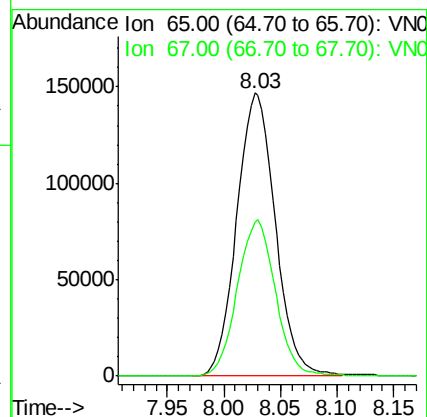
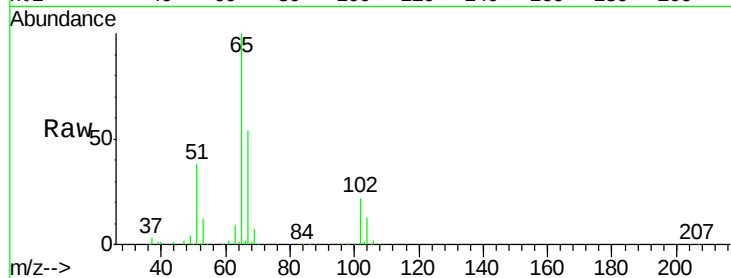
14B-3DL

Tot Ion: 65 Resp: 348292

Ion Ratio Lower Upper

65 100

67 54.4 44.6 66.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052547.D

Acq: 29 Nov 2018 4:20

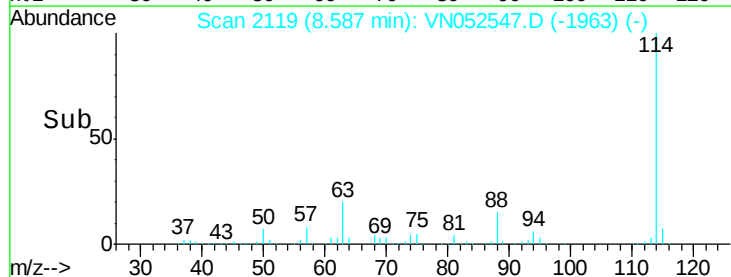
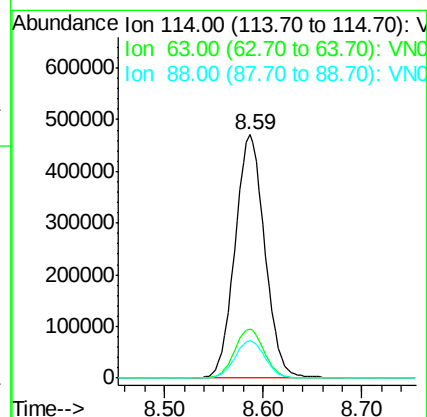
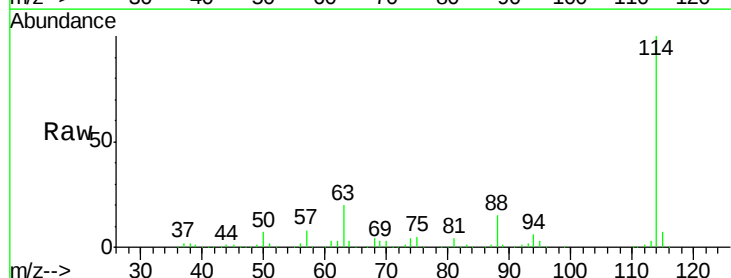
Tgt Ion: 114 Resp: 989869

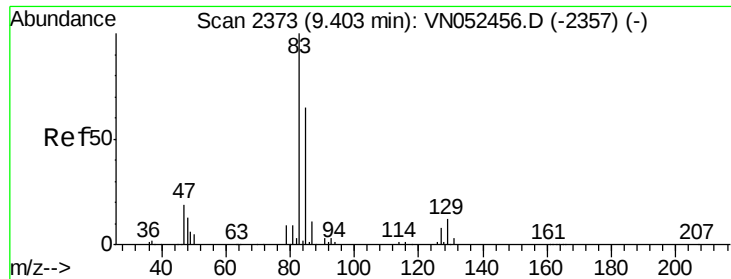
Ion Ratio Lower Upper

114 100

63 20.2 16.9 25.3

88 15.6 12.8 19.2

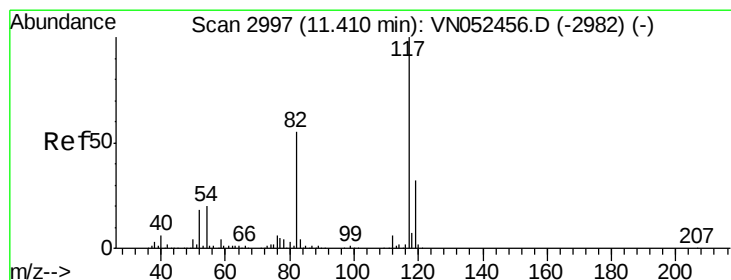
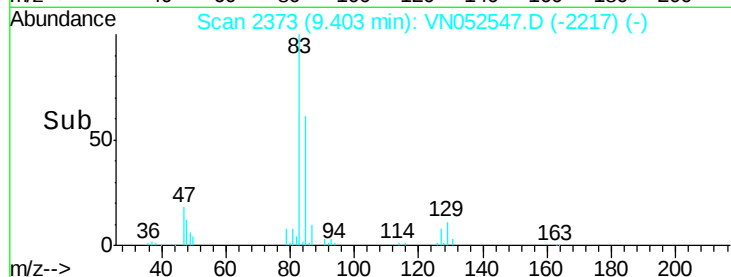
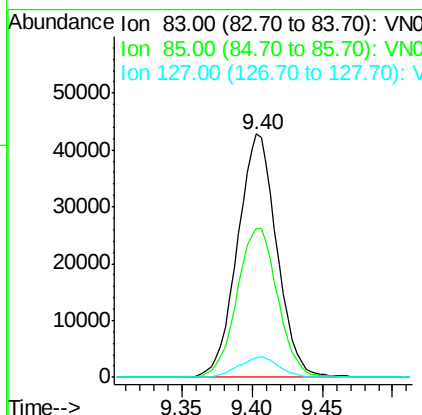
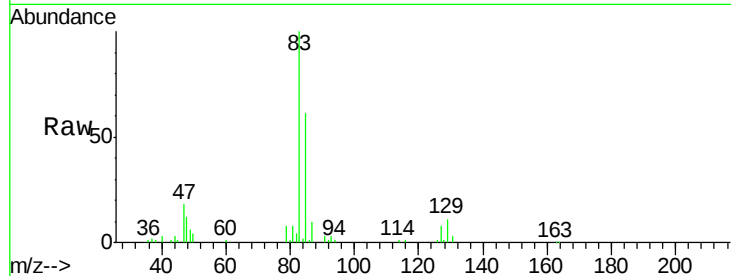




#41
 Bromodichloromethane
 Concen: 5.741 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN052547.D
 Acq: 29 Nov 2018 4:20

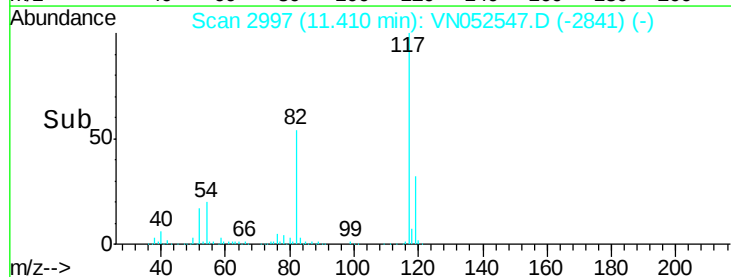
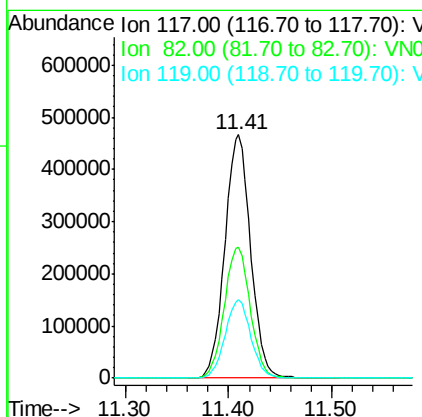
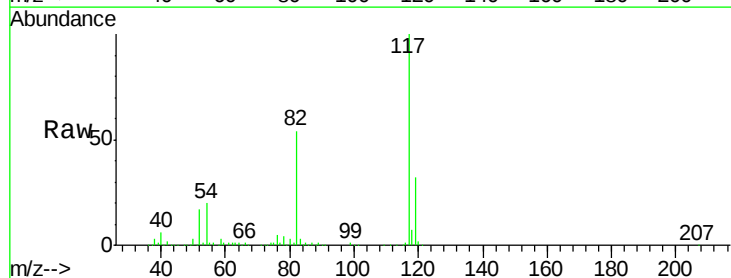
Instrument :
 MSVOA_N
 ClientSampled :
 14B-3DL

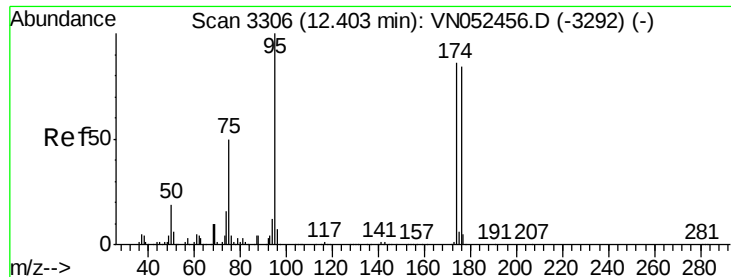
Tot Ion: 83 Resp: 83509
 Ion Ratio Lower Upper
 83 100
 85 61.0 52.4 78.6
 127 8.3 6.6 9.8



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2997
 Delta R.T. 0.00 min
 Lab File: VN052547.D
 Acq: 29 Nov 2018 4:20

Tgt Ion: 117 Resp: 811288
 Ion Ratio Lower Upper
 117 100
 82 54.3 44.2 66.2
 119 32.3 25.4 38.2

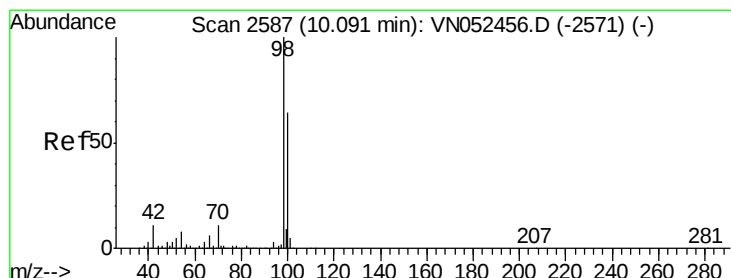
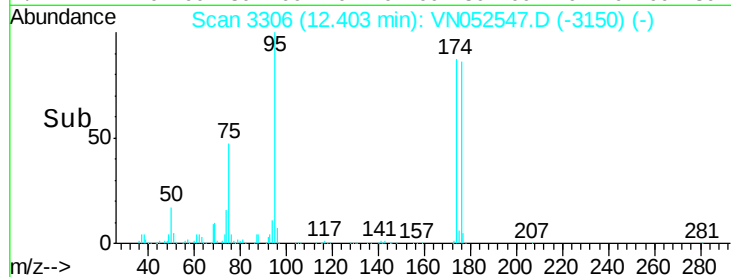
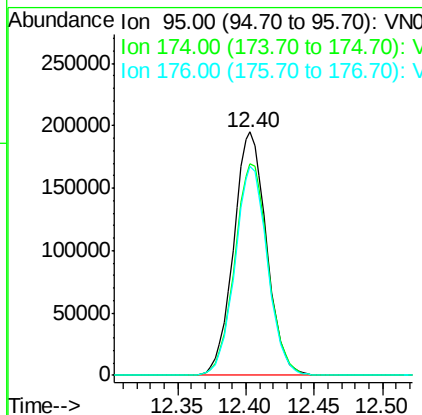
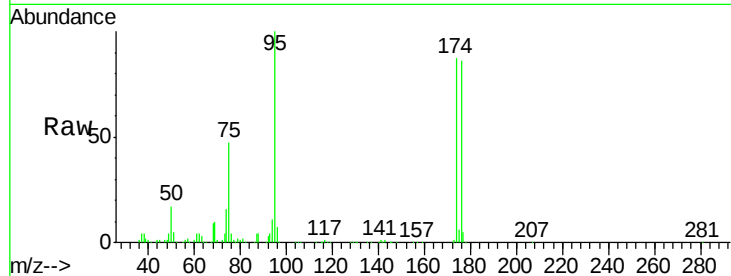




#60
 4-Bromofluorobenzene
 Concen: Below ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN052547.D
 Acq: 29 Nov 2018 4:20

Instrument :
 MSVOA_N
 ClientSampled :
 14B-3DL

Tot Ion: 95 Resp: 325782
 Ion Ratio Lower Upper
 95 100
 174 88.2 67.9 101.9
 176 84.9 66.4 99.6



#63
 Toluene-d8
 Concen: Below ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN052547.D
 Acq: 29 Nov 2018 4:20

Tgt Ion: 98 Resp: 1147676
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.1 76.7

