

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112818\
 Data File : VN052538.D
 Acq On : 29 Nov 2018 00:20
 Operator : MD\SY
 Sample : J6086-01DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1DL

Quant Time: Nov 29 09:28:34 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	178739	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1011865	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	824268	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	356581	29.28	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.60%
60) 4-Bromofluorobenzene	12.40	95	327193	25.96	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	86.53%
63) Toluene-d8	10.09	98	1168237	30.57	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.90%

Target Compounds

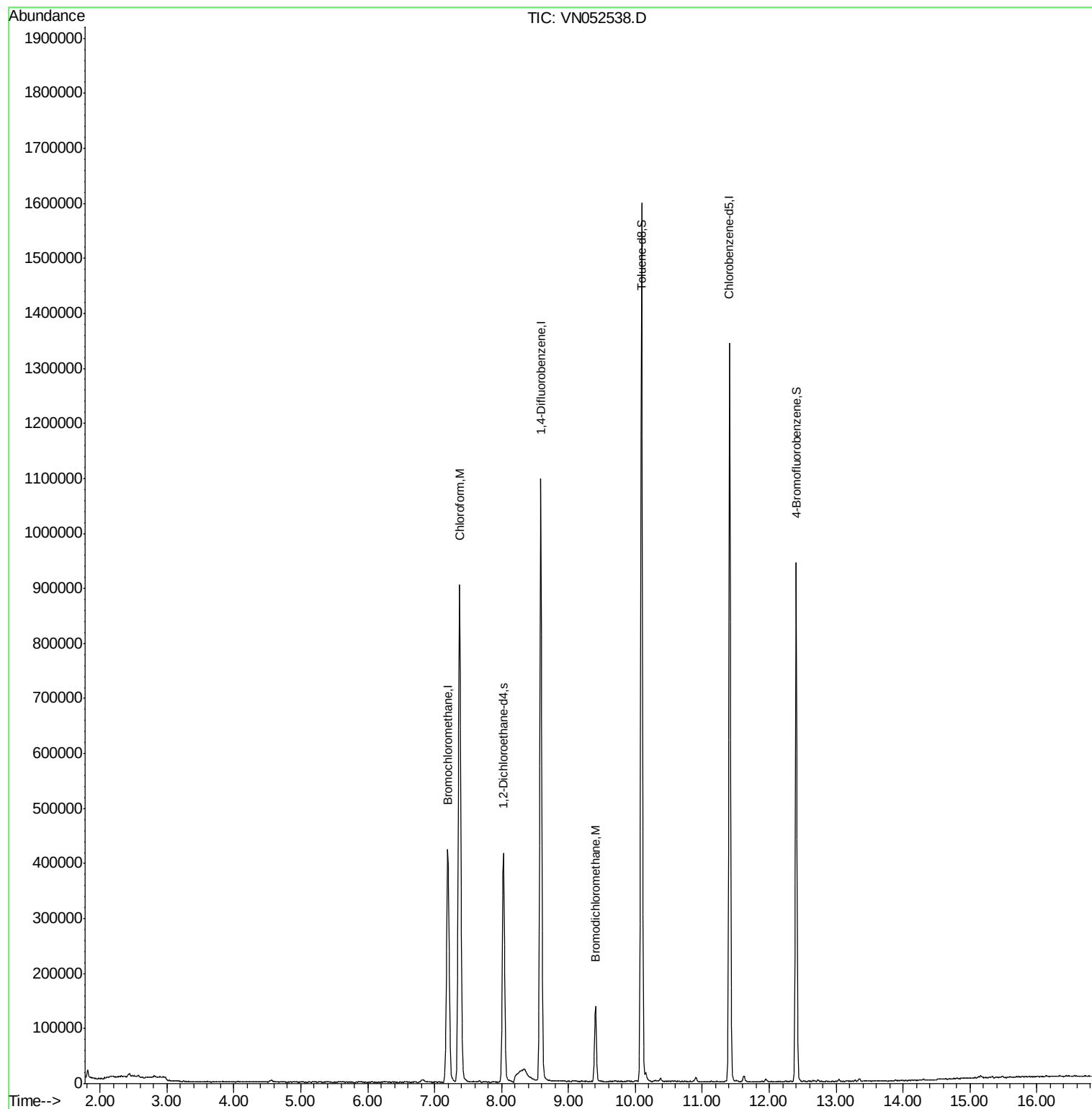
					Ovalue
25) Chloroform	7.37	83	985749	48.803	ug/l 98
41) Bromodichloromethane	9.40	83	99090	6.664	ug/l 97

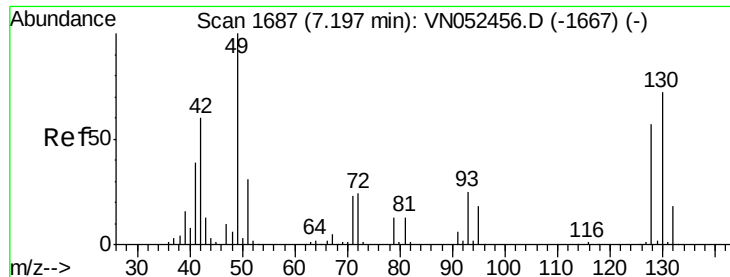
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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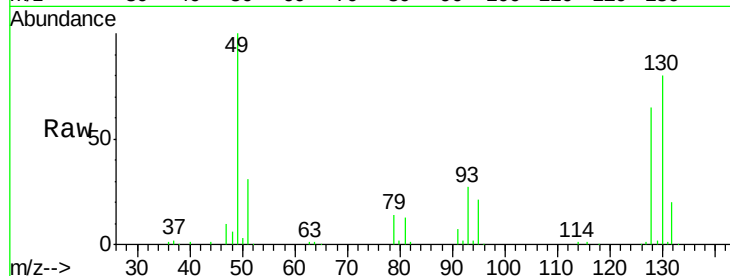




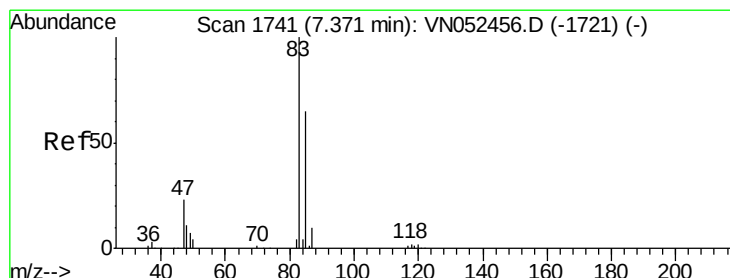
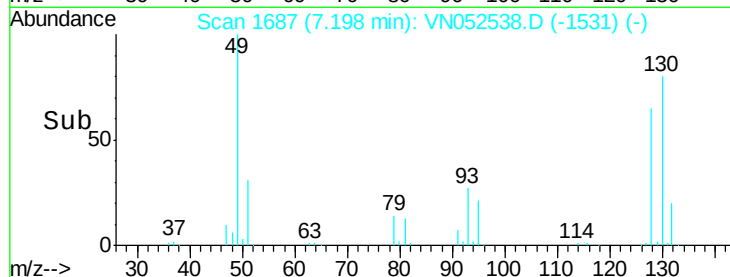
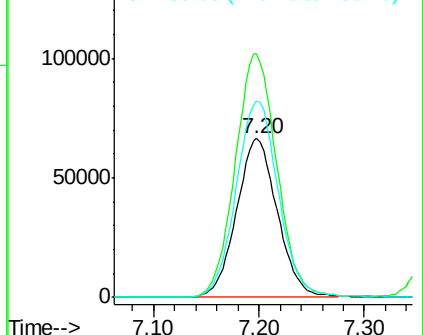
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN052538.D
Acq: 29 Nov 2018 00:20

Instrument :
MSVOA_N
ClientSampled :
14B-1DL

Tot Ion:128 Resp: 178739
Ion Ratio Lower Upper
128 100
49 156.4 0.0 431.8
130 127.9 0.0 317.0

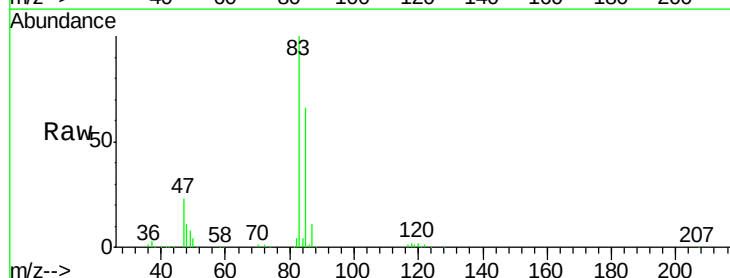


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VNO
Ion 130.00 (129.70 to 130.70): V

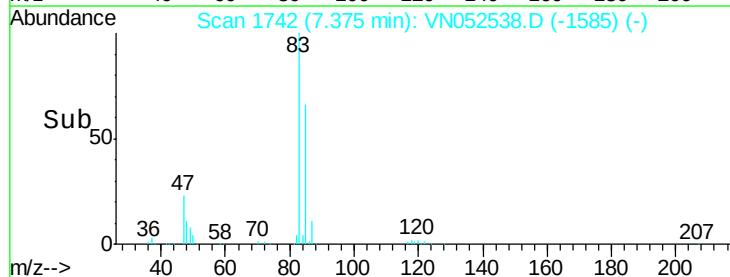
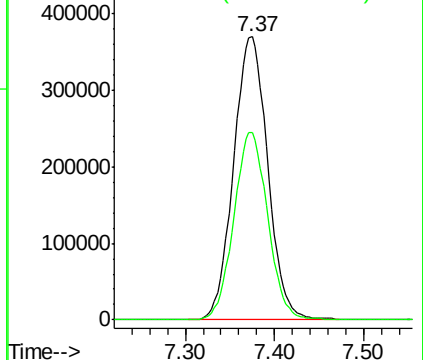


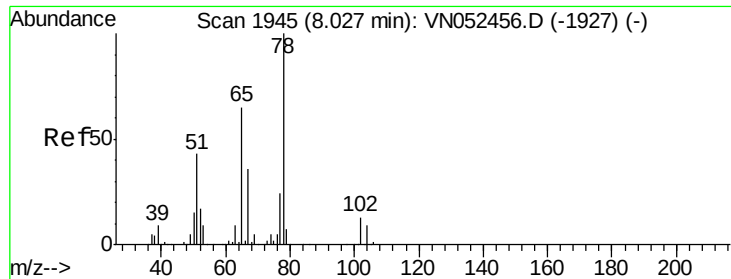
#25
Chloroform
Concen: 48.803 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052538.D
Acq: 29 Nov 2018 00:20

Tgt Ion: 83 Resp: 985749
Ion Ratio Lower Upper
83 100
85 66.1 51.7 77.5



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

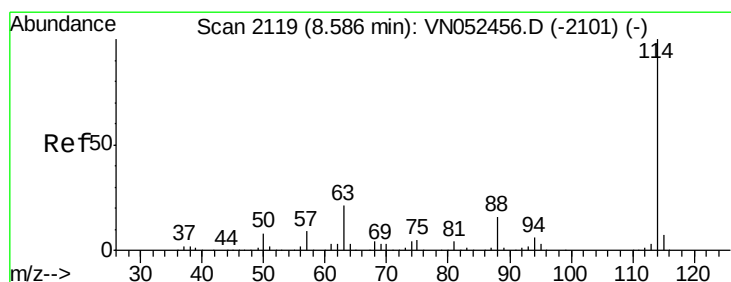
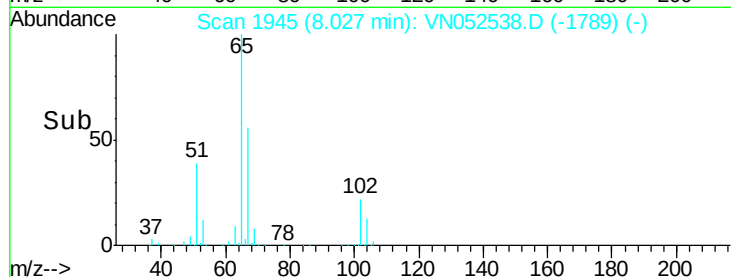
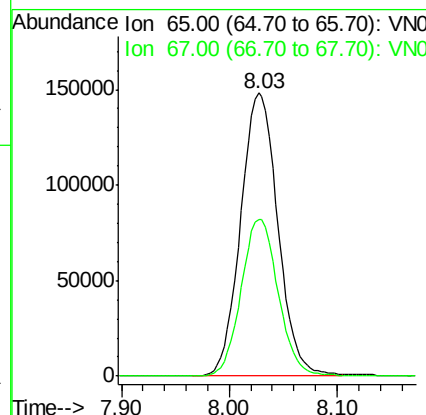
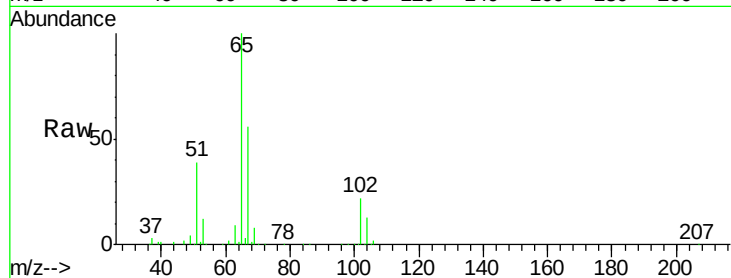




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052538.D
 Acq: 29 Nov 2018 00:20

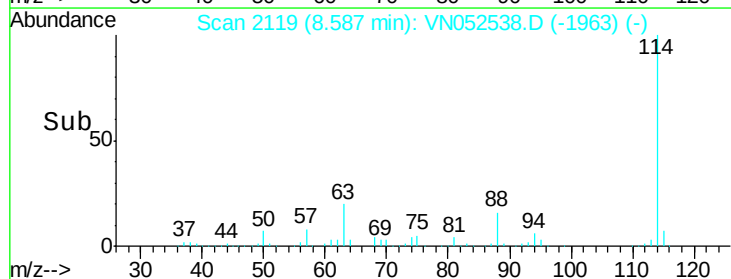
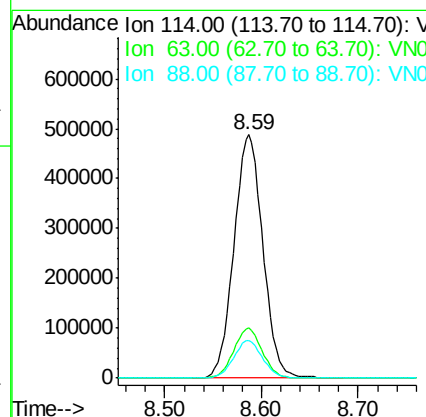
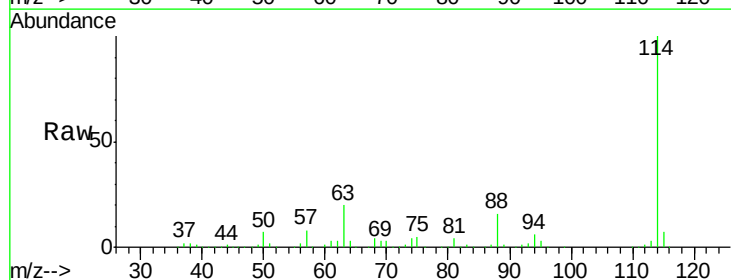
Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1DL

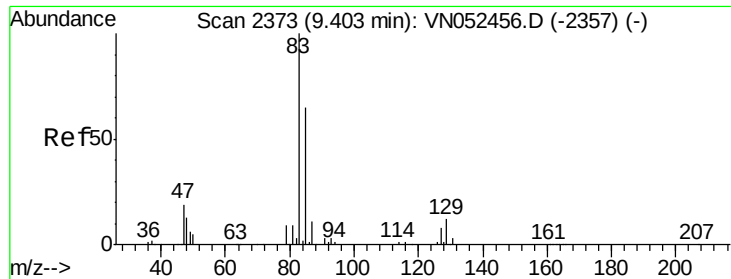
Tot Ion: 65 Resp: 356581
 Ion Ratio Lower Upper
 65 100
 67 55.0 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052538.D
 Acq: 29 Nov 2018 00:20

Tgt Ion: 114 Resp: 1011865
 Ion Ratio Lower Upper
 114 100
 63 20.3 16.9 25.3
 88 15.5 12.8 19.2





#41

Bromodichloromethane

Concen: 6.664 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052538.D

Acq: 29 Nov 2018 00:20

Instrument :

MSVOA_N

ClientSampleId :

14B-1DL

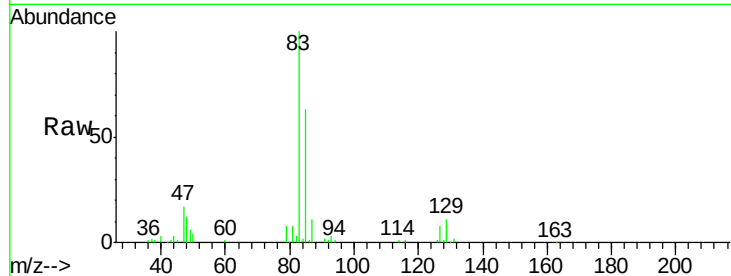
Tot Ion: 83 Resp: 99090

Ion Ratio Lower Upper

83 100

85 62.6 52.4 78.6

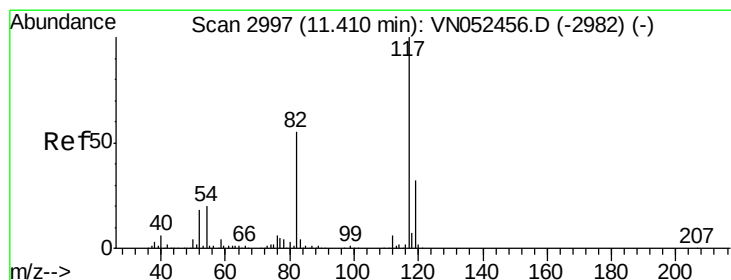
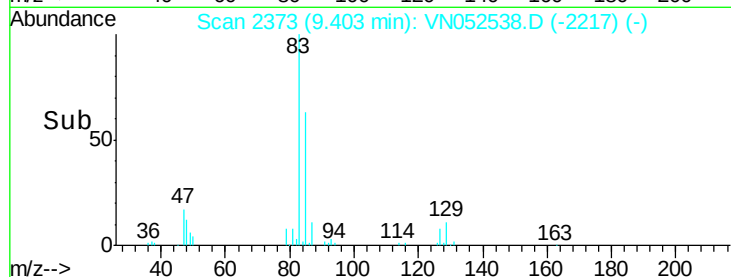
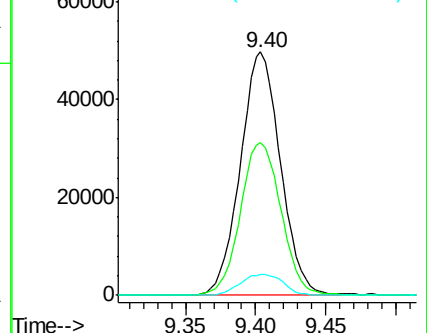
127 8.4 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN052456.D (-2357) (-)

Ion 85.00 (84.70 to 85.70): VN052456.D (-2357) (-)

Ion 127.00 (126.70 to 127.70): VN052456.D (-2357) (-)



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052538.D

Acq: 29 Nov 2018 00:20

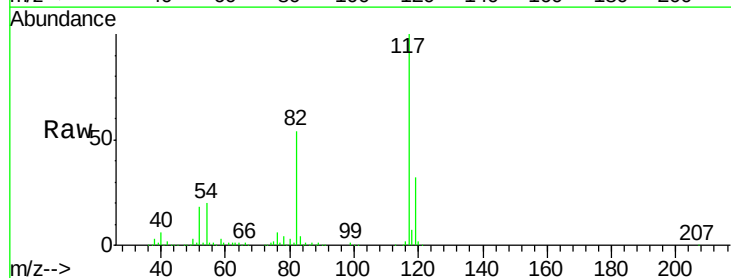
Tgt Ion: 117 Resp: 824268

Ion Ratio Lower Upper

117 100

82 53.8 44.2 66.2

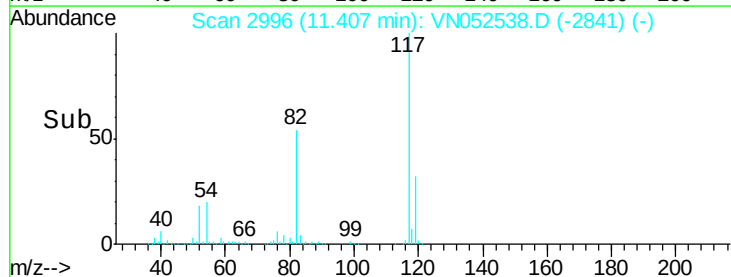
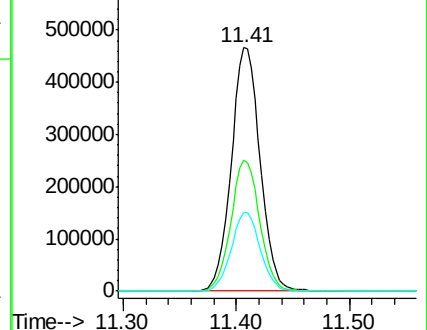
119 32.5 25.4 38.2

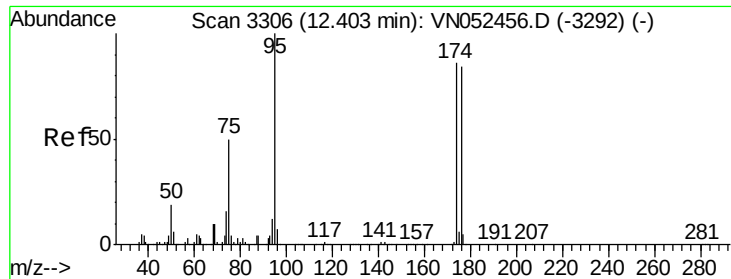


Abundance Ion 117.00 (116.70 to 117.70): VN052456.D (-2982) (-)

Ion 82.00 (81.70 to 82.70): VN052456.D (-2982) (-)

Ion 119.00 (118.70 to 119.70): VN052456.D (-2982) (-)

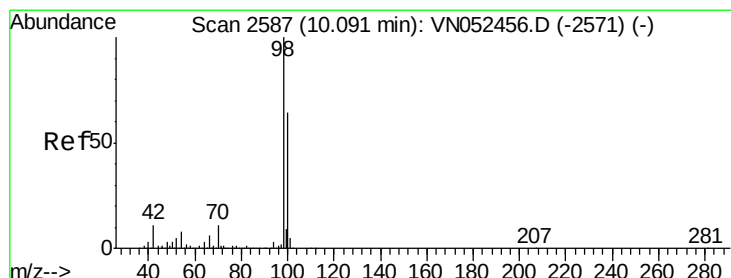
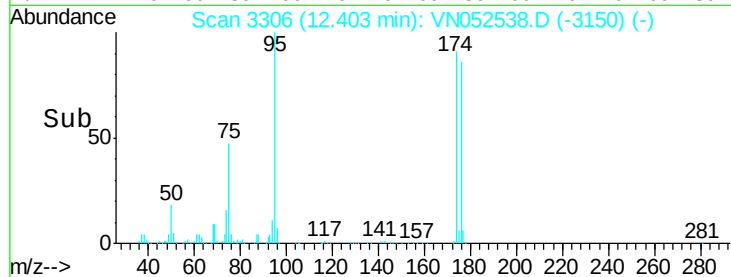
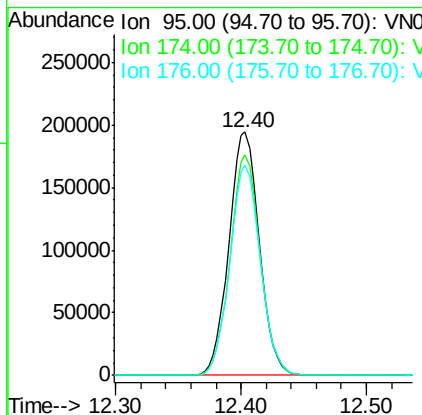
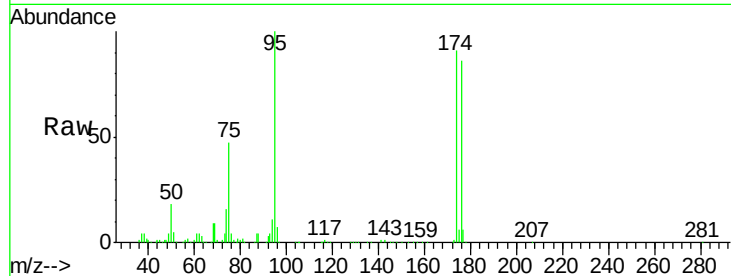




#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052538.D
Acq: 29 Nov 2018 00:20

Instrument :
MSVOA_N
ClientSampled :
14B-1DL

Tot Ion: 95 Resp: 327193
Ion Ratio Lower Upper
95 100
174 89.7 67.9 101.9
176 86.4 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: VN052538.D
Acq: 29 Nov 2018 00:20

Tgt Ion: 98 Resp: 1168237
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7

