

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052498.D
 Acq On : 28 Nov 2018 00:45
 Operator : MD\SY
 Sample : J6067-04 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Quant Time: Nov 28 09:01:21 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	185451	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1050669	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	875177	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	375238	29.70	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.00%
60) 4-Bromofluorobenzene	12.40	95	344667	25.76	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	85.87%
63) Toluene-d8	10.09	98	1232858	30.38	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.27%

Target Compounds

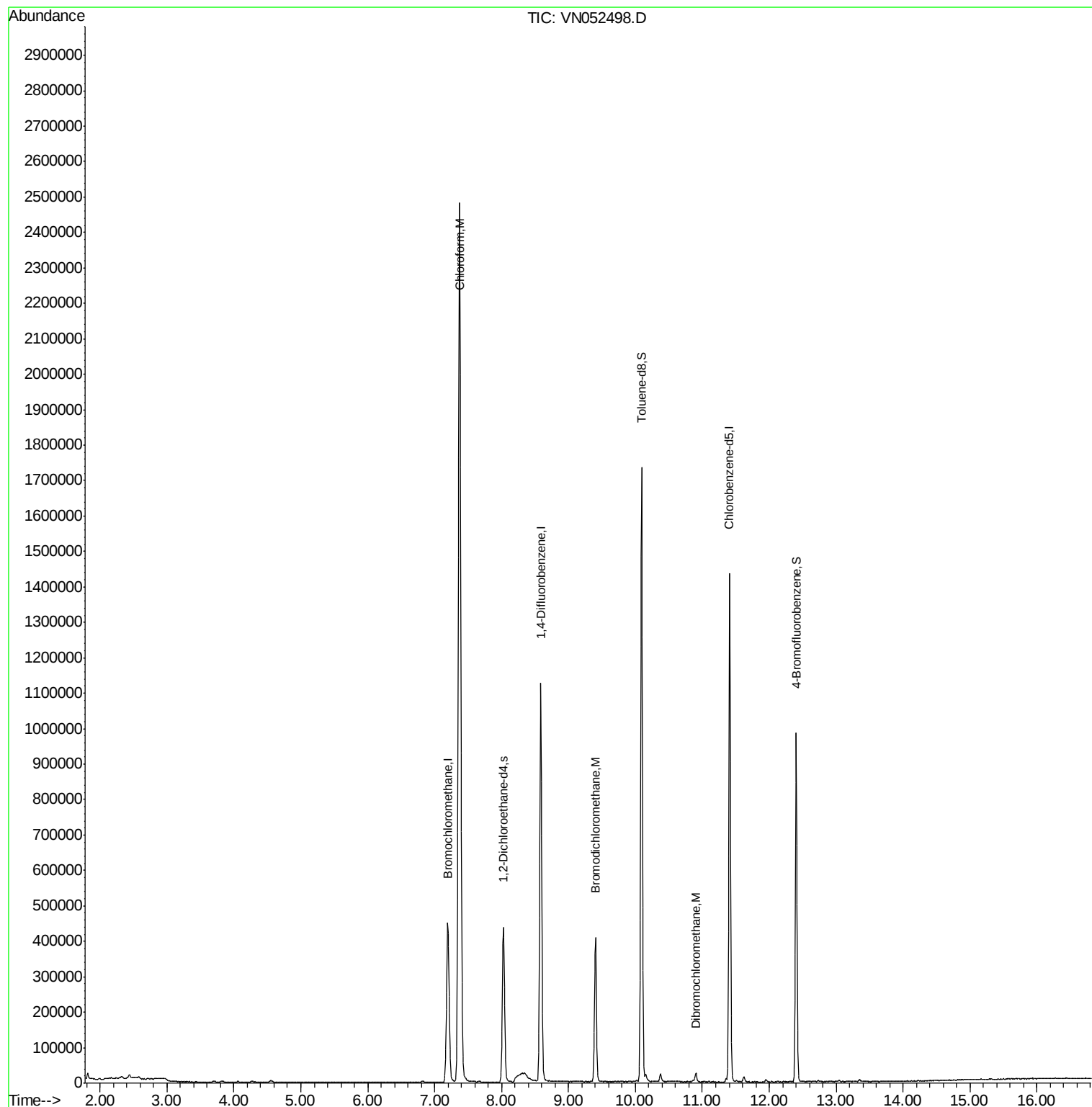
						Qvalue
25) Chloroform	7.37	83	2694692	128.58	ug/l	100
41) Bromodichloromethane	9.40	83	293811	19.03	ug/l	98
53) Dibromochloromethane	10.90	129	13264	1.22	ug/l	93

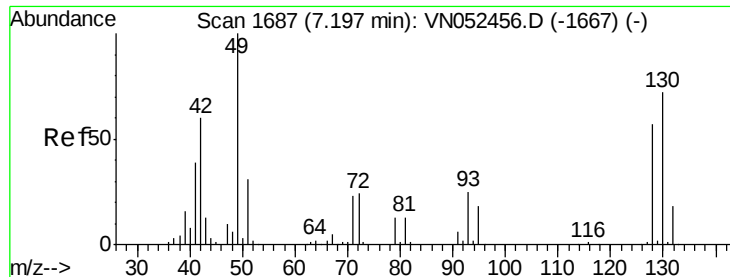
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1687

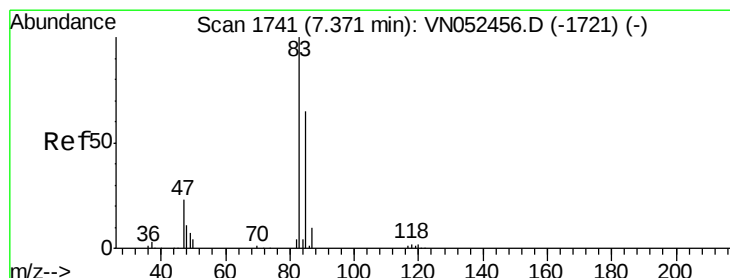
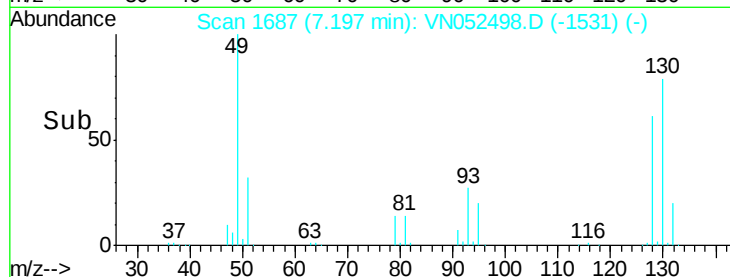
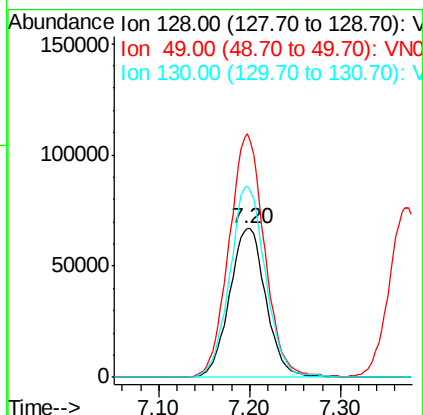
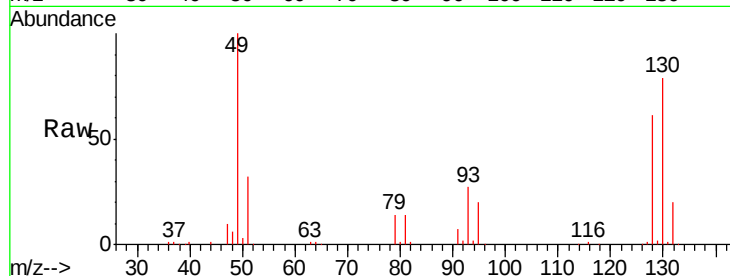
Delta R.T. -0.00 min

Lab File: VN052498.D

Acq: 28 Nov 2018 00:45

Instrument :
MSVOA_N
ClientSampleId :
14B-4

Tgt Ion:	128	Resp:	185451
Ion	Ratio	Lower	Upper
128	100		
49	160.1	0.0	431.8
130	125.9	0.0	317.0



#25

Chloroform

Concen: 128.58 ug/l

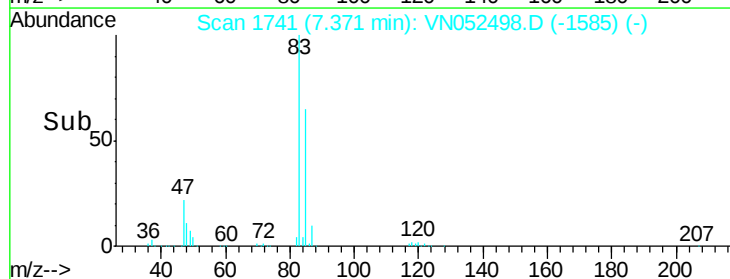
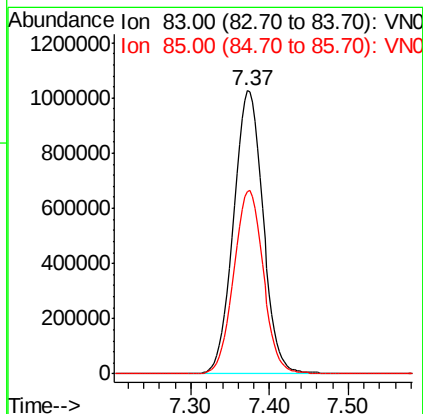
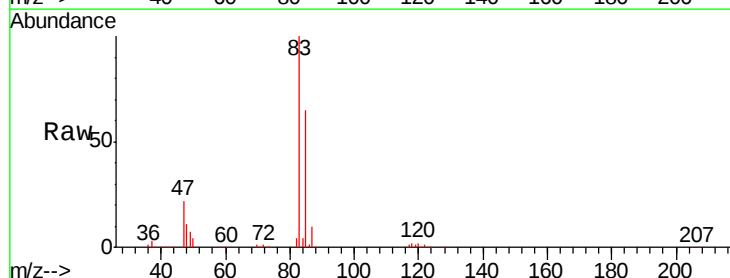
RT: 7.37 min Scan# 1741

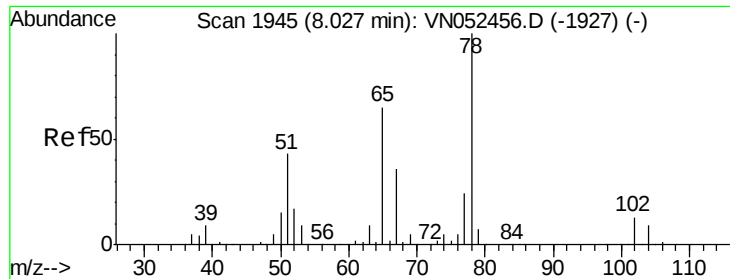
Delta R.T. 0.00 min

Lab File: VN052498.D

Acq: 28 Nov 2018 00:45

Tgt Ion:	83	Resp:	2694692
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.7	77.5

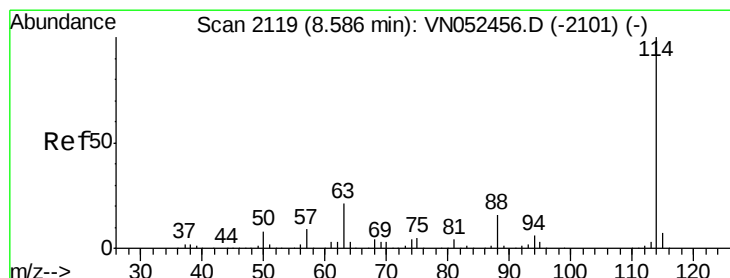
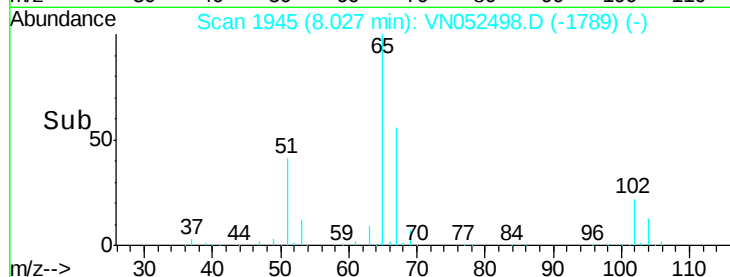
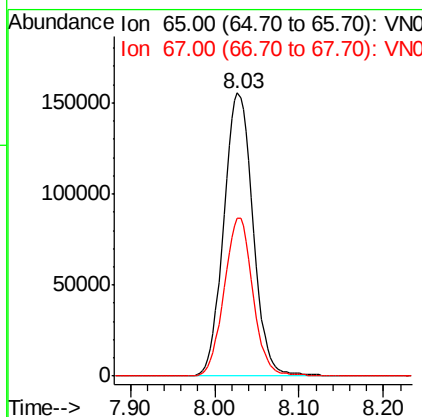
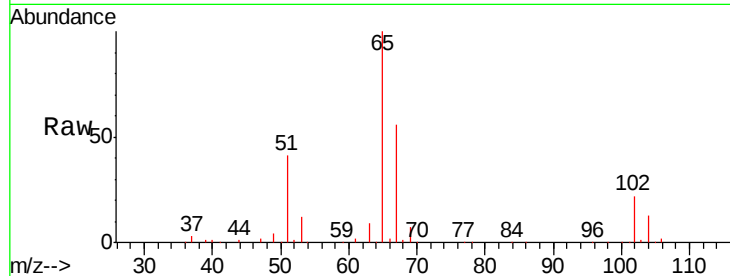




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052498.D
 Acq: 28 Nov 2018 00:45

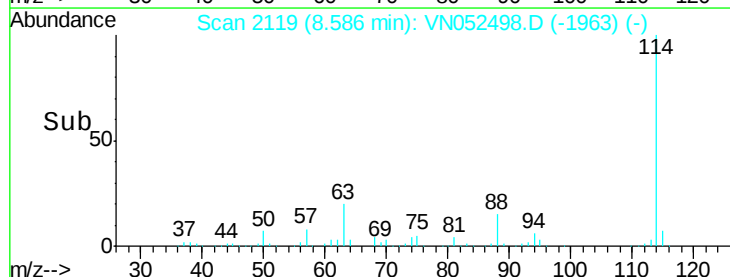
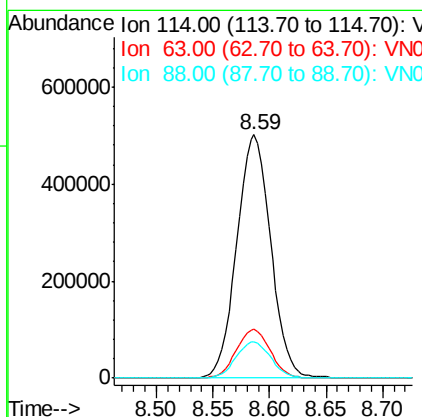
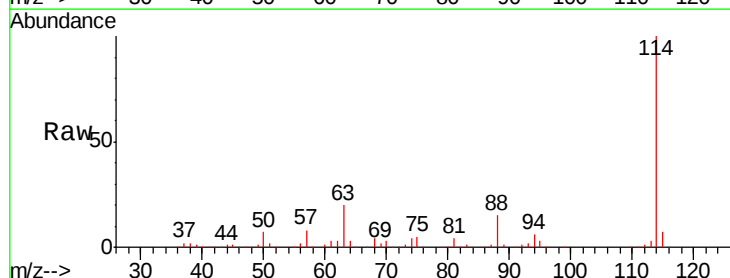
Instrument :
 MSVOA_N
 ClientSampled :
 14B-4

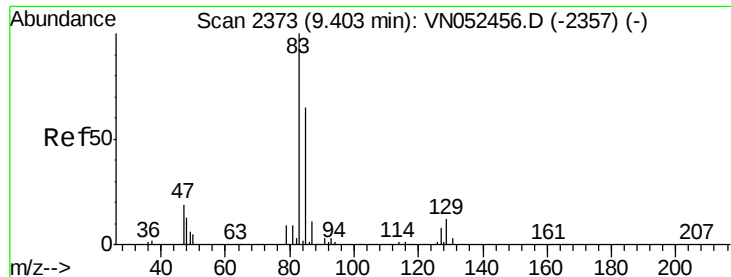
Tgt Ion: 65 Resp: 375238
 Ion Ratio Lower Upper
 65 100
 67 54.8 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052498.D
 Acq: 28 Nov 2018 00:45

Tgt Ion: 114 Resp: 1050669
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.9 25.3
 88 15.3 12.8 19.2





#41

Bromodichloromethane

Concen: 19.03 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052498.D

Acq: 28 Nov 2018 00:45

Instrument :

MSVOA_N

ClientSampleId :

14B-4

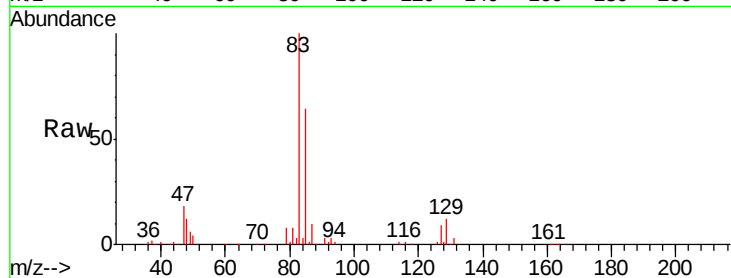
Tgt Ion: 83 Resp: 293811

Ion Ratio Lower Upper

83 100

85 63.5 52.4 78.6

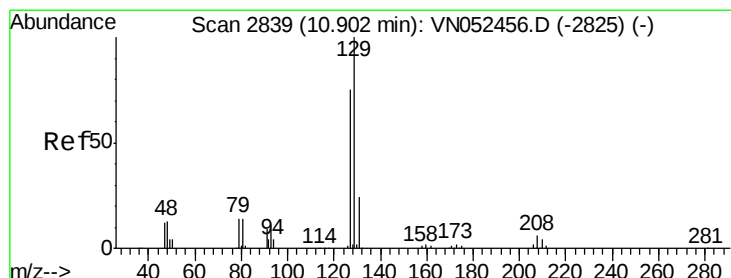
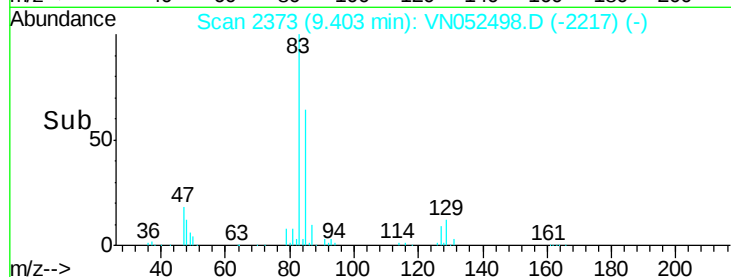
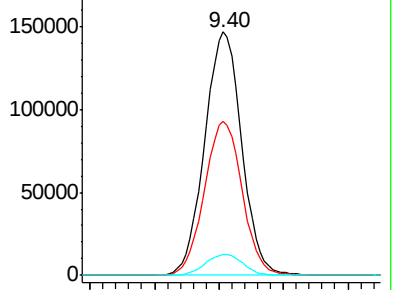
127 8.5 6.6 9.8



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) (-)



#53

Dibromochloromethane

Concen: 1.22 ug/l

RT: 10.90 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VN052498.D

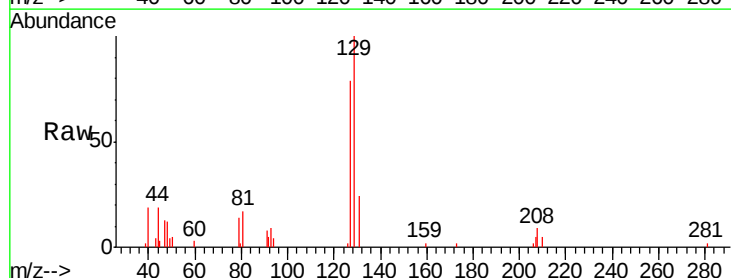
Acq: 28 Nov 2018 00:45

Tgt Ion: 129 Resp: 13264

Ion Ratio Lower Upper

129 100

127 80.9 37.6 112.8



Abundance Ion 129.00 (128.70 to 129.70): VN052456.D (-2825) (-)

Ion 127.00 (126.70 to 127.70): VN052456.D (-2825) (-)

Ion 125.00 (124.70 to 125.70): VN052456.D (-2825) (-)

Ion 123.00 (122.70 to 123.70): VN052456.D (-2825) (-)

Ion 121.00 (120.70 to 121.70): VN052456.D (-2825) (-)

Ion 119.00 (118.70 to 119.70): VN052456.D (-2825) (-)

Ion 117.00 (116.70 to 117.70): VN052456.D (-2825) (-)

Ion 115.00 (114.70 to 115.70): VN052456.D (-2825) (-)

Ion 113.00 (112.70 to 113.70): VN052456.D (-2825) (-)

Ion 111.00 (110.70 to 111.70): VN052456.D (-2825) (-)

Ion 109.00 (108.70 to 109.70): VN052456.D (-2825) (-)

Ion 107.00 (106.70 to 107.70): VN052456.D (-2825) (-)

Ion 105.00 (104.70 to 105.70): VN052456.D (-2825) (-)

Ion 103.00 (102.70 to 103.70): VN052456.D (-2825) (-)

Ion 101.00 (100.70 to 101.70): VN052456.D (-2825) (-)

Ion 99.00 (98.70 to 99.70): VN052456.D (-2825) (-)

Ion 97.00 (96.70 to 97.70): VN052456.D (-2825) (-)

Ion 95.00 (94.70 to 95.70): VN052456.D (-2825) (-)

Ion 93.00 (92.70 to 93.70): VN052456.D (-2825) (-)

Ion 91.00 (90.70 to 91.70): VN052456.D (-2825) (-)

Ion 89.00 (88.70 to 89.70): VN052456.D (-2825) (-)

Ion 87.00 (86.70 to 87.70): VN052456.D (-2825) (-)

Ion 85.00 (84.70 to 85.70): VN052456.D (-2825) (-)

Ion 83.00 (82.70 to 83.70): VN052456.D (-2825) (-)

Ion 81.00 (80.70 to 81.70): VN052456.D (-2825) (-)

Ion 79.00 (78.70 to 79.70): VN052456.D (-2825) (-)

Ion 77.00 (76.70 to 77.70): VN052456.D (-2825) (-)

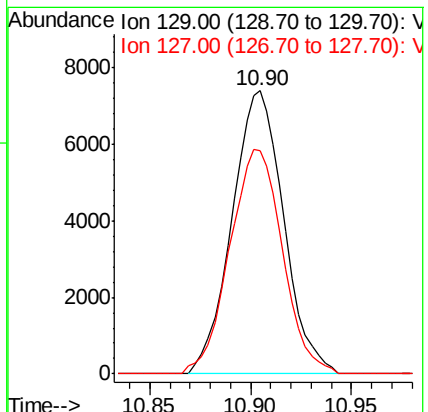
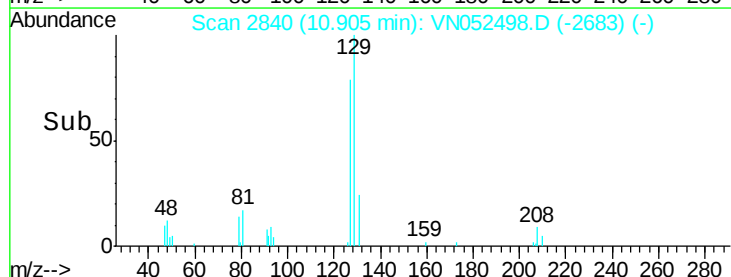
Ion 75.00 (74.70 to 75.70): VN052456.D (-2825) (-)

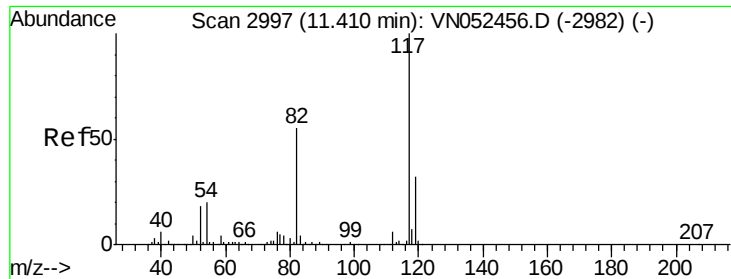
Ion 73.00 (72.70 to 73.70): VN052456.D (-2825) (-)

Ion 71.00 (70.70 to 71.70): VN052456.D (-2825) (-)

Ion 69.00 (68.70 to 69.70): VN052456.D (-2825) (-)

Ion 67.00 (66.70 to 67.70): VN052456.D (-2825) (-)

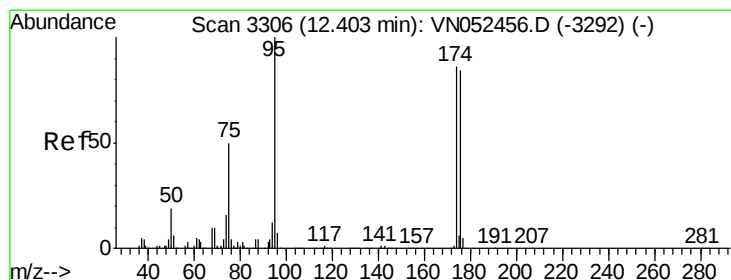
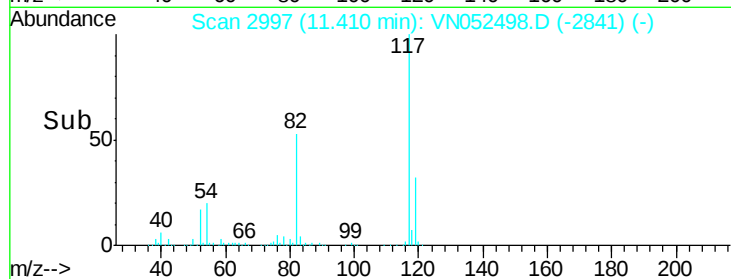
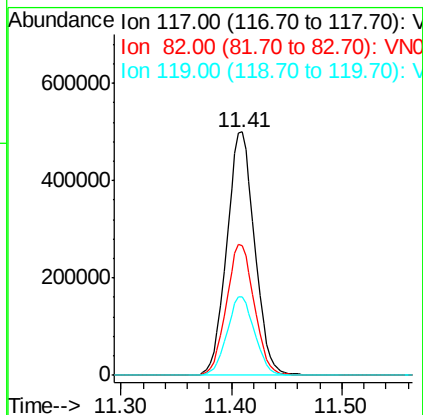
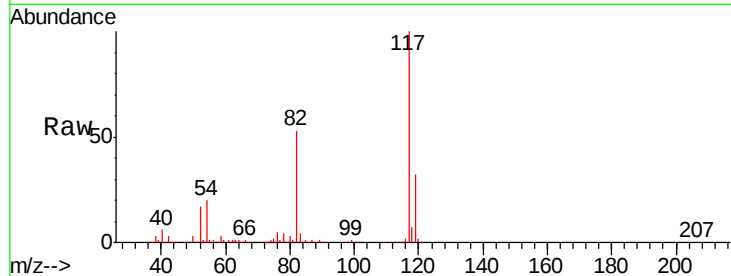




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052498.D
Acq: 28 Nov 2018 00:45

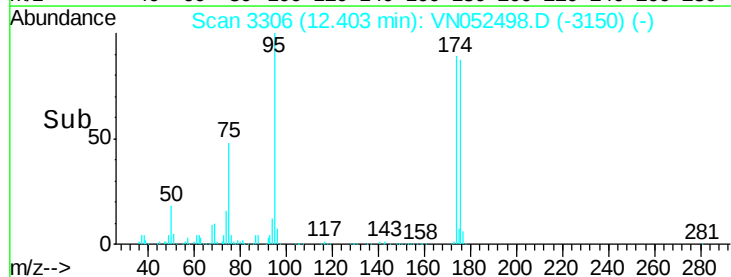
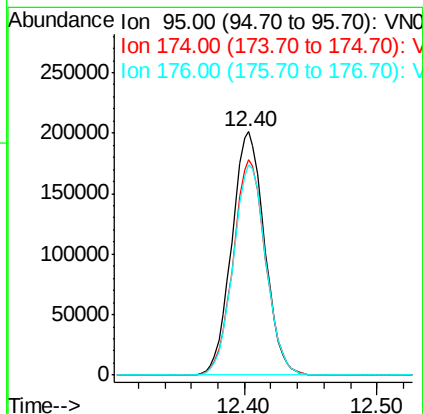
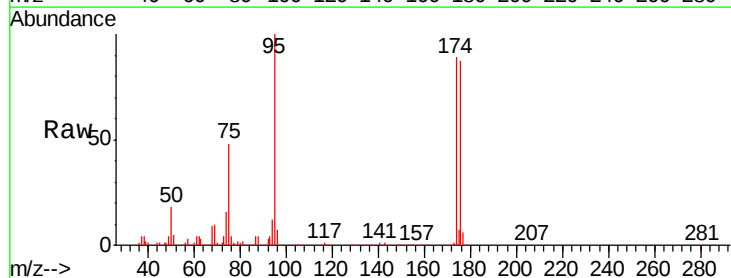
Instrument :
MSVOA_N
ClientSampled :
14B-4

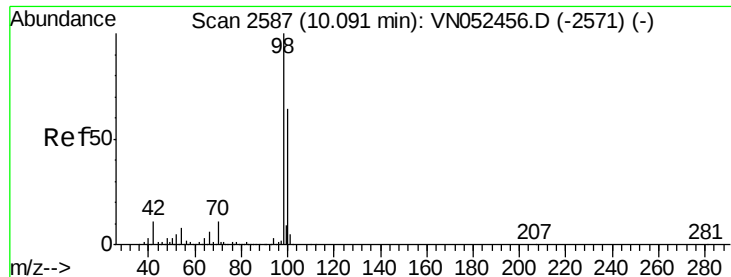
Tgt Ion: 117 Resp: 875177
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 32.1 25.4 38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052498.D
Acq: 28 Nov 2018 00:45

Tgt Ion: 95 Resp: 344667
Ion Ratio Lower Upper
95 100
174 87.6 67.9 101.9
176 86.2 66.4 99.6





#63

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052498.D

Acq: 28 Nov 2018 00:45

Instrument :

MSVOA_N

ClientSampleId :

14B-4

Tgt Ion: 98 Resp: 1232858

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7

