

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052495.D
 Acq On : 27 Nov 2018 23:25
 Operator : MD\SY
 Sample : J6067-01 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Quant Time: Nov 28 08:59:40 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	174800	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1013494	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	831590	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	355900	29.88	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	99.60%	
60) 4-Bromofluorobenzene	12.40	95	337879	26.57	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	88.57%	
63) Toluene-d8	10.09	98	1171709	30.39	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	101.30%	

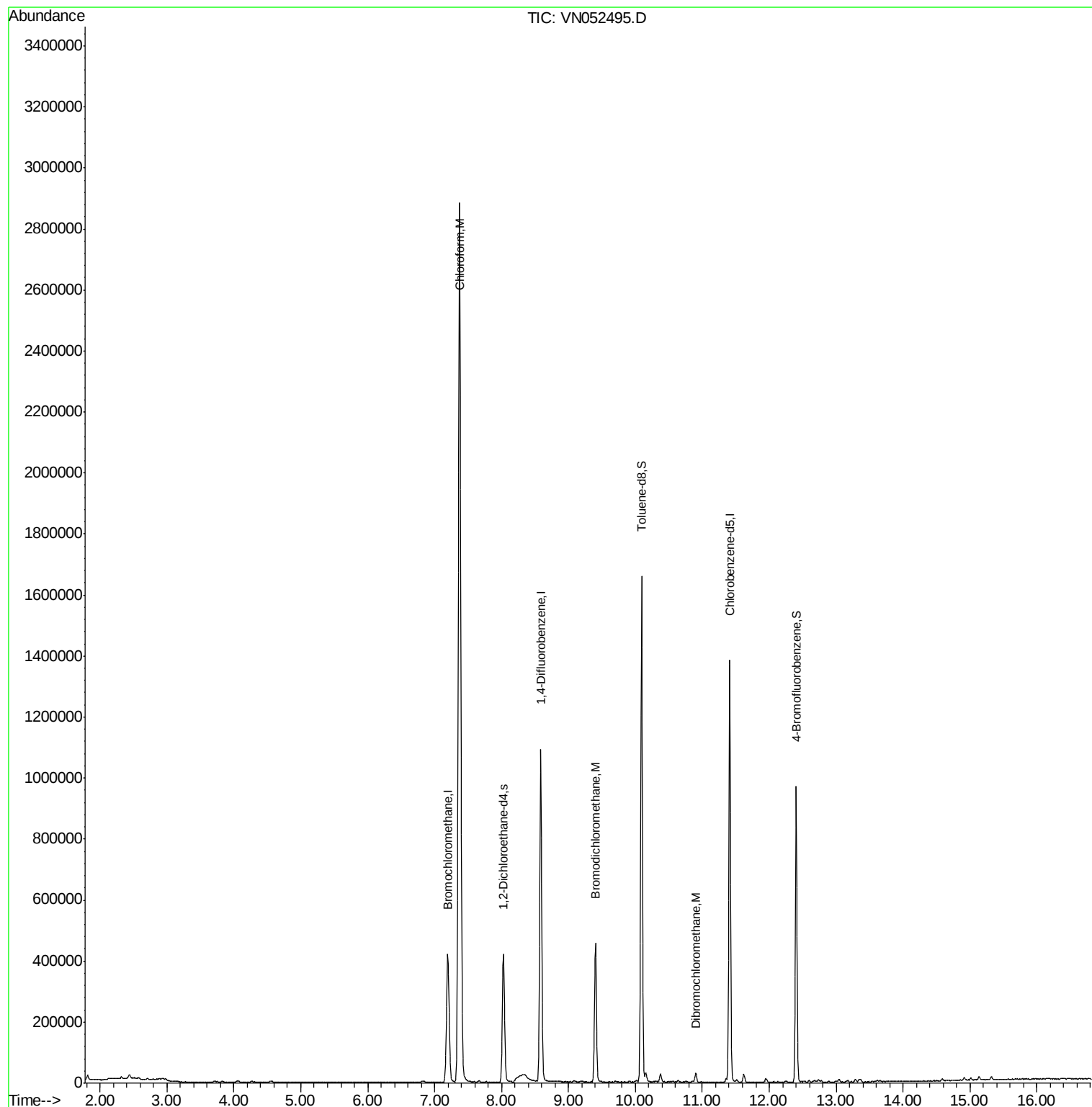
Target Compounds						Qvalue
25) Chloroform	7.37	83	3079913	155.92	ug/l	99
41) Bromodichloromethane	9.40	83	330685	22.21	ug/l	98
53) Dibromochloromethane	10.90	129	15575	1.48	ug/l	95

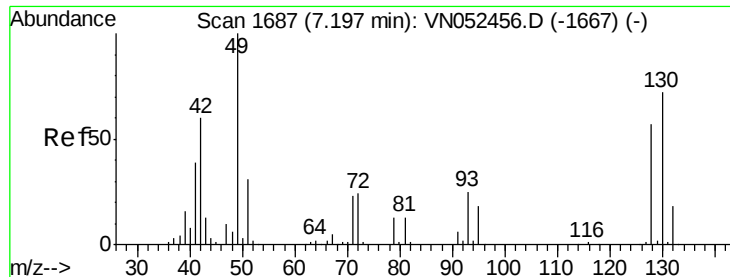
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052495.D

Acq: 27 Nov 2018 23:25

Instrument :
MSVOA_N
ClientSampleId :
14B-1

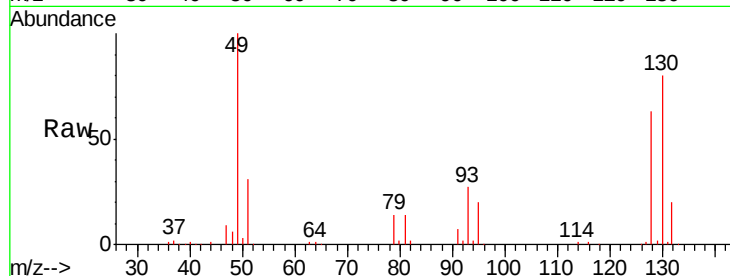
Tgt Ion:128 Resp: 174800

Ion Ratio Lower Upper

128 100

49 161.0 0.0 431.8

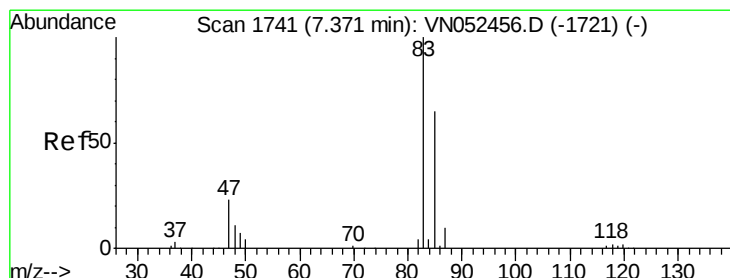
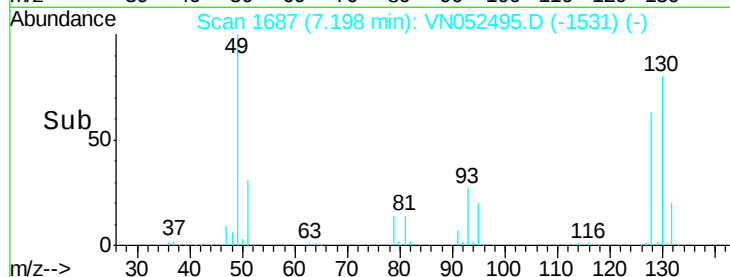
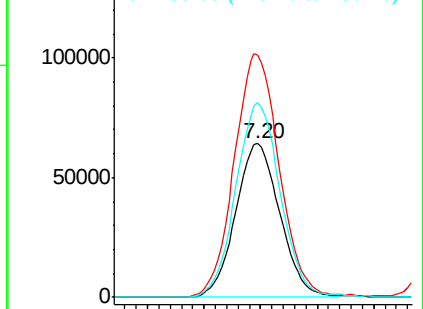
130 127.6 0.0 317.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#25

Chloroform

Concen: 155.92 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN052495.D

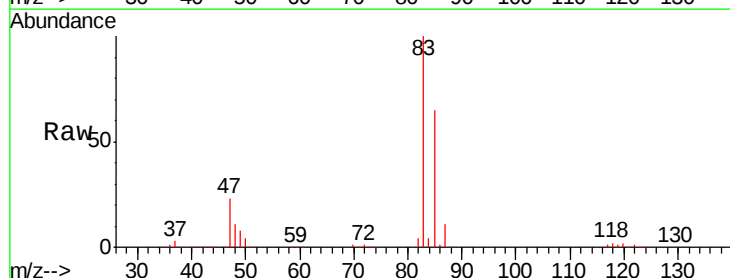
Acq: 27 Nov 2018 23:25

Tgt Ion: 83 Resp: 3079913

Ion Ratio Lower Upper

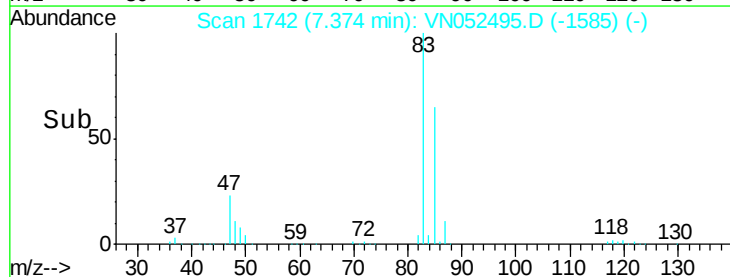
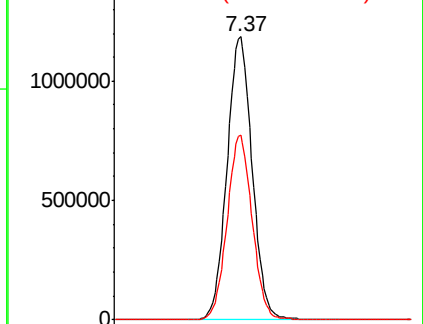
83 100

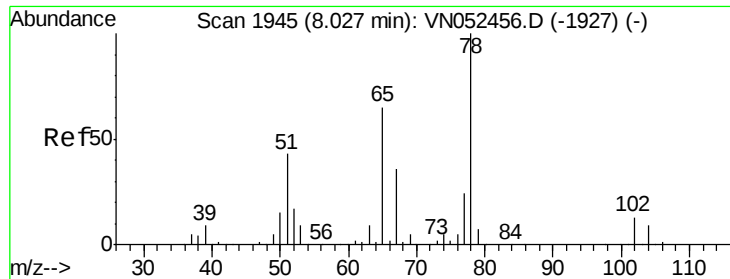
85 65.3 51.7 77.5



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0





#27

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052495.D

Acq: 27 Nov 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

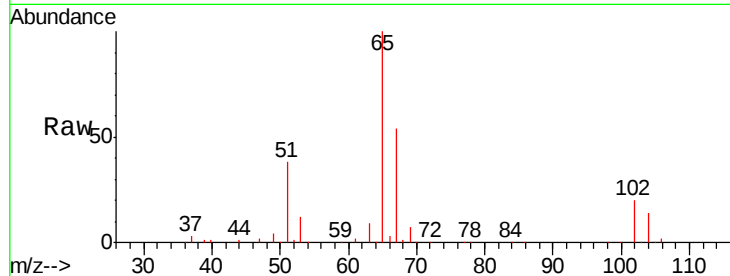
14B-1

Tgt Ion: 65 Resp: 355900

Ion Ratio Lower Upper

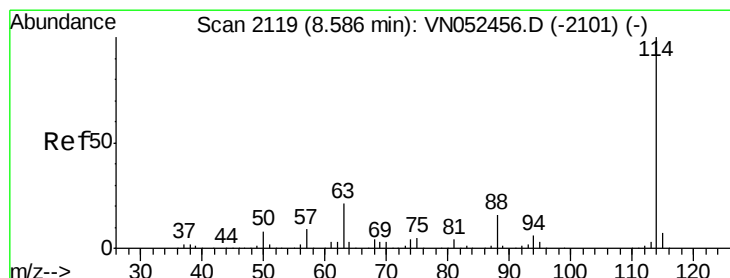
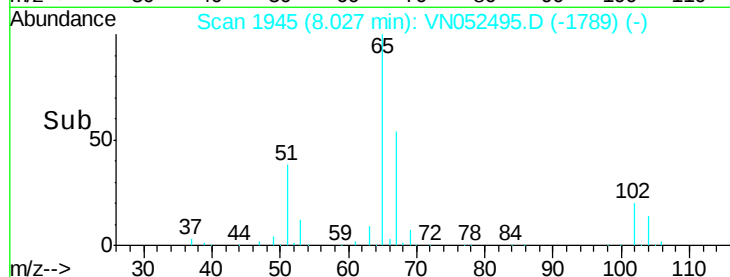
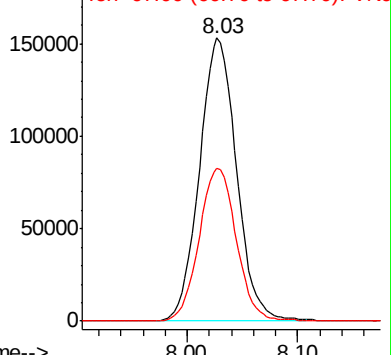
65 100

67 54.2 44.6 66.8



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052495.D

Acq: 27 Nov 2018 23:25

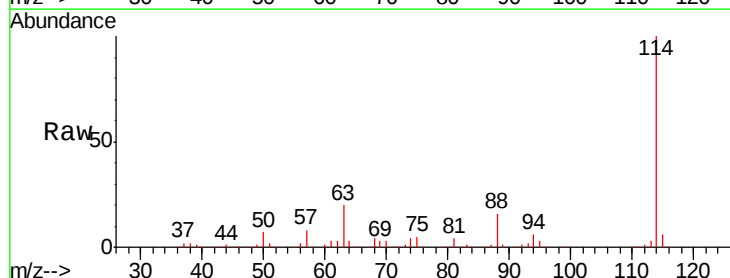
Tgt Ion: 114 Resp: 1013494

Ion Ratio Lower Upper

114 100

63 20.1 16.9 25.3

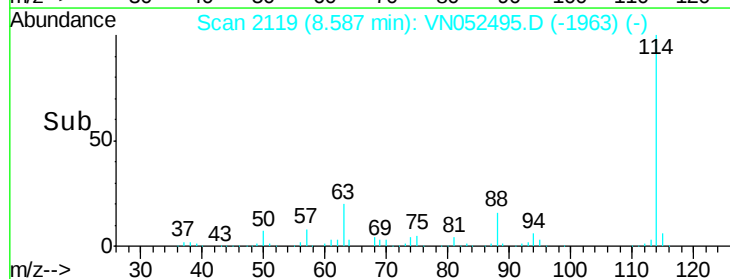
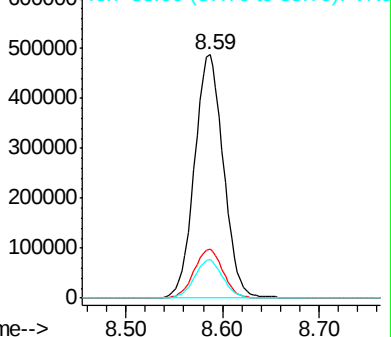
88 15.4 12.8 19.2

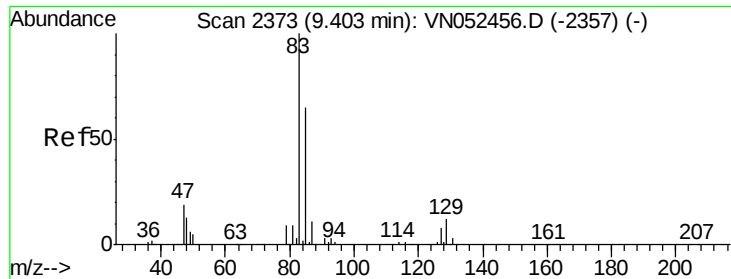


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0





#41

Bromodichloromethane

Concen: 22.21 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052495.D

Acq: 27 Nov 2018 23:25

Instrument :

MSVOA_N

ClientSampled :

14B-1

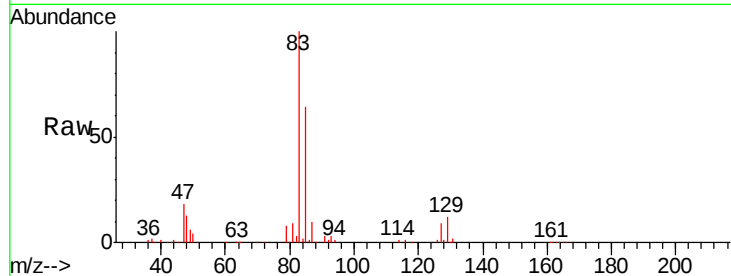
Tgt Ion: 83 Resp: 330685

Ion Ratio Lower Upper

83 100

85 63.9 52.4 78.6

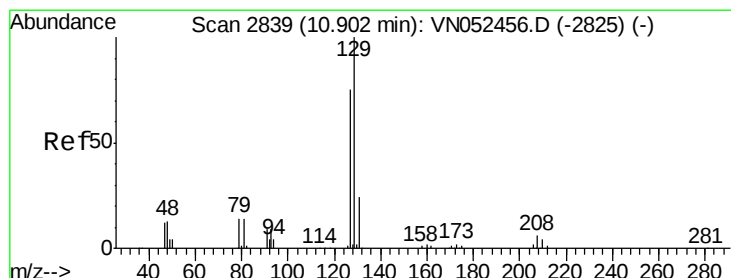
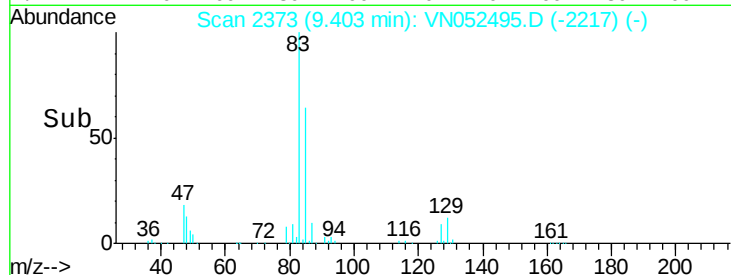
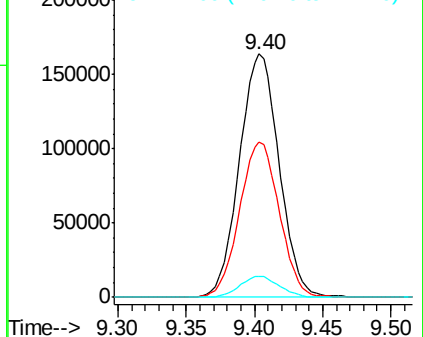
127 8.8 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#53

Dibromochloromethane

Concen: 1.48 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN052495.D

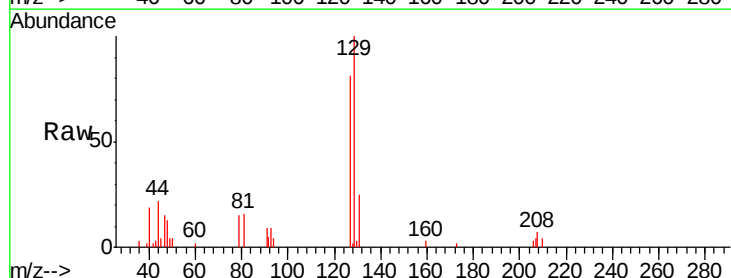
Acq: 27 Nov 2018 23:25

Tgt Ion: 129 Resp: 15575

Ion Ratio Lower Upper

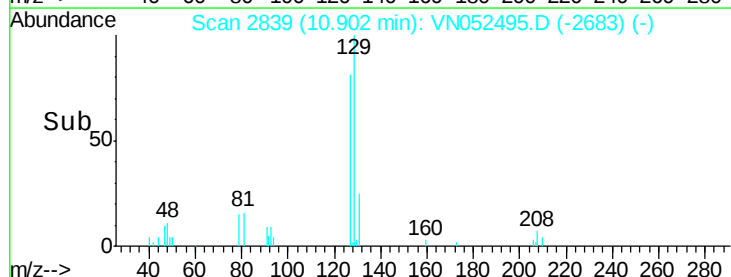
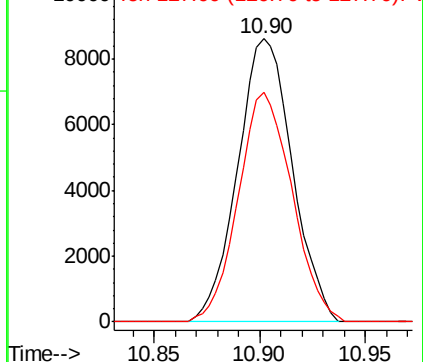
129 100

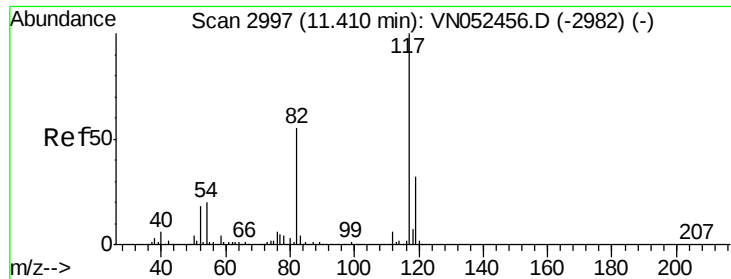
127 79.5 37.6 112.8



Abundance Ion 129.00 (128.70 to 129.70): VN0

Ion 127.00 (126.70 to 127.70): VN0

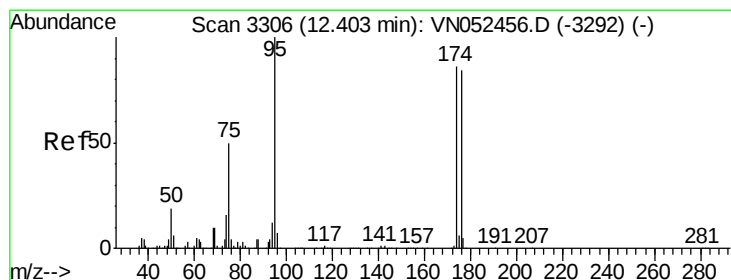
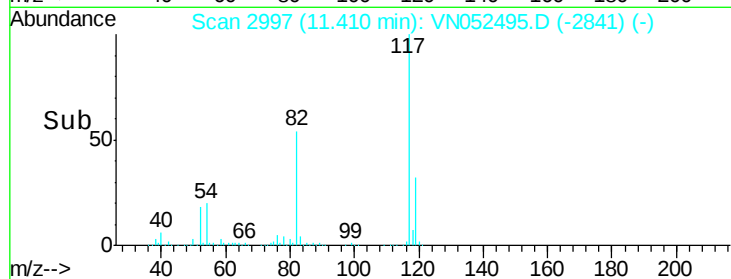
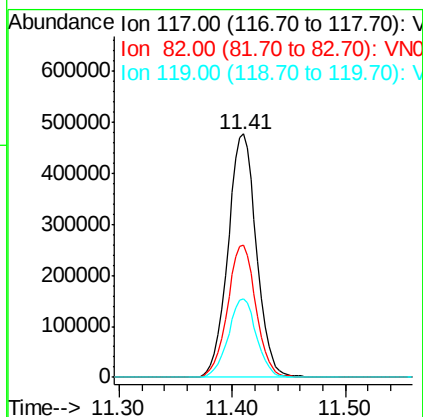
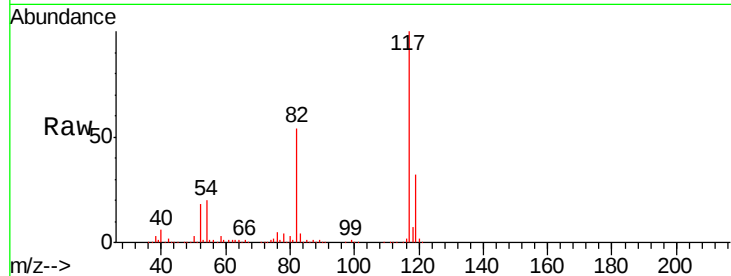




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052495.D
Acq: 27 Nov 2018 23:25

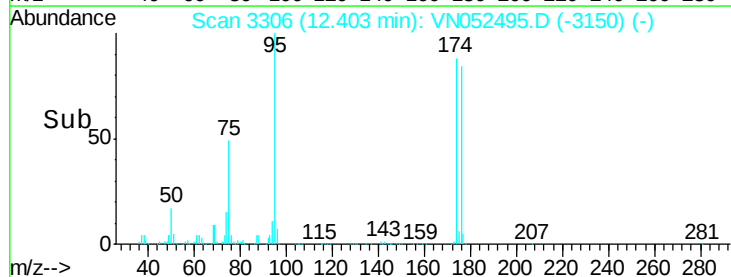
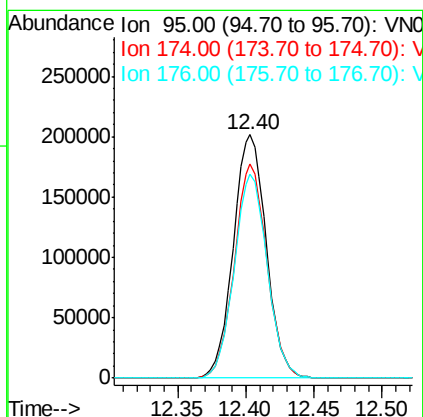
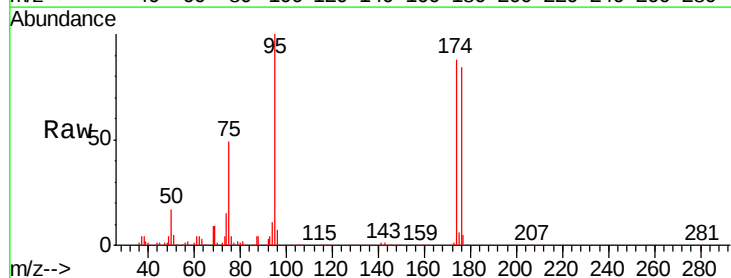
Instrument :
MSVOA_N
ClientSampled :
14B-1

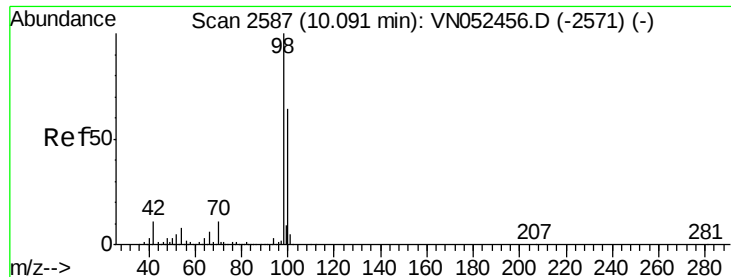
Tgt Ion: 117 Resp: 831590
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 32.1 25.4 38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052495.D
Acq: 27 Nov 2018 23:25

Tgt Ion: 95 Resp: 337879
Ion Ratio Lower Upper
95 100
174 86.9 67.9 101.9
176 84.1 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: VN052495.D

Acq: 27 Nov 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

14B-1

Tgt Ion: 98 Resp: 1171709

Ion Ratio Lower Upper

98 100

100 64.7 51.1 76.7

