

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052497.D
 Acq On : 28 Nov 2018 00:19
 Operator : MD\SY
 Sample : J6067-03 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Quant Time: Nov 28 09:00:57 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	181265	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	987491	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	810348	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	368935	29.87	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.57%
60) 4-Bromofluorobenzene	12.40	95	322686	26.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	86.80%
63) Toluene-d8	10.09	98	1129432	30.06	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.20%

Target Compounds

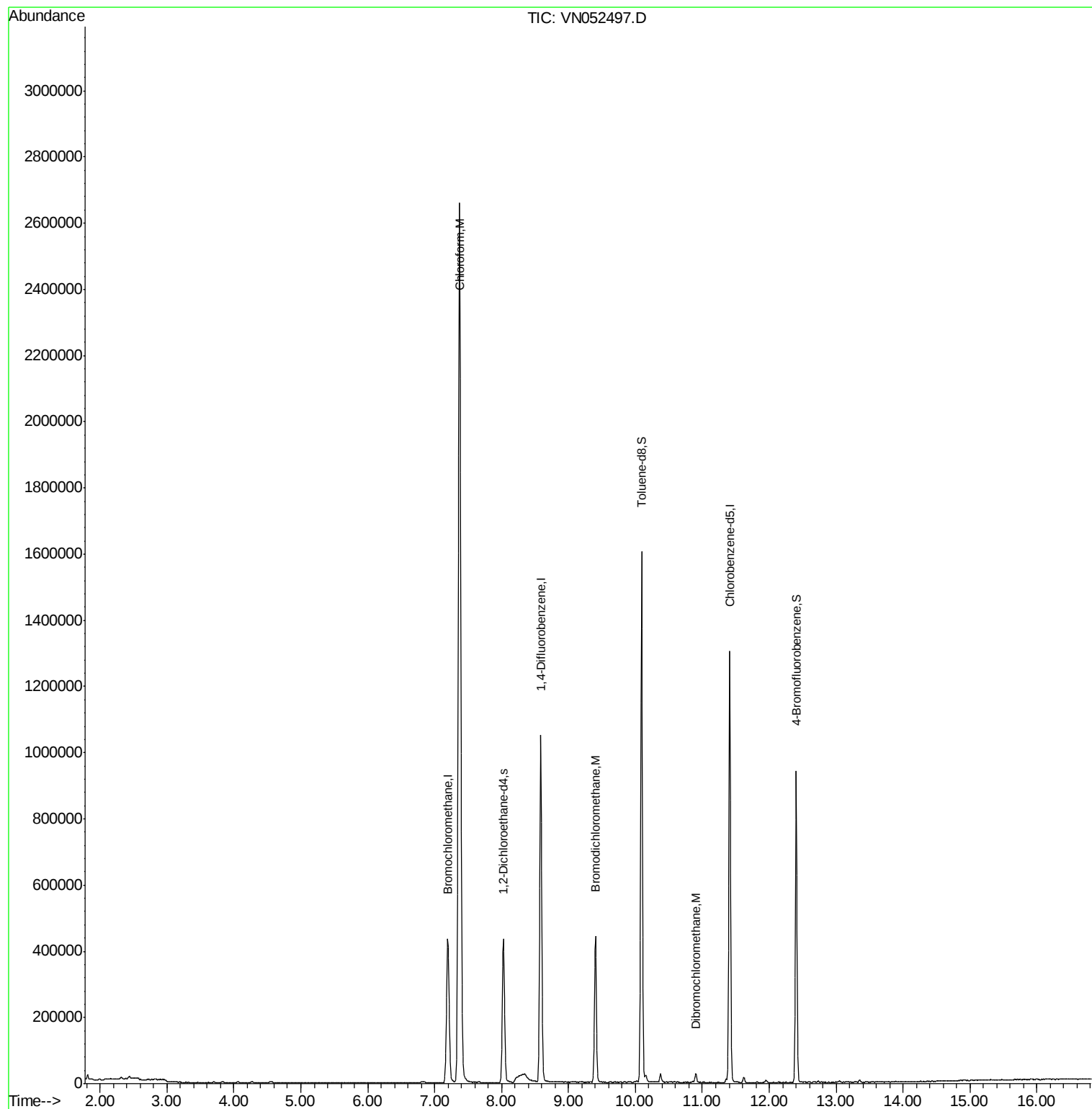
						Qvalue
25) Chloroform	7.37	83	2892479	141.21	ug/l	99
41) Bromodichloromethane	9.40	83	313665	21.62	ug/l	97
53) Dibromochloromethane	10.90	129	14317	1.40	ug/l	93

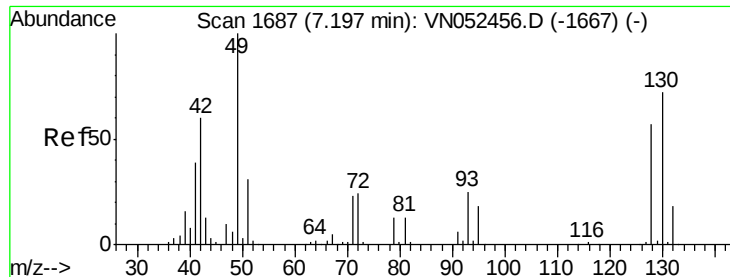
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
Data File : VN052497.D
Acq On : 28 Nov 2018 00:19
Operator : MD\SY
Sample : J6067-03 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 34 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
14B-3

Quant Time: Nov 28 09:00:57 2018
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052497.D

Acq: 28 Nov 2018 00:19

Instrument :
MSVOA_N
ClientSampled :
14B-3

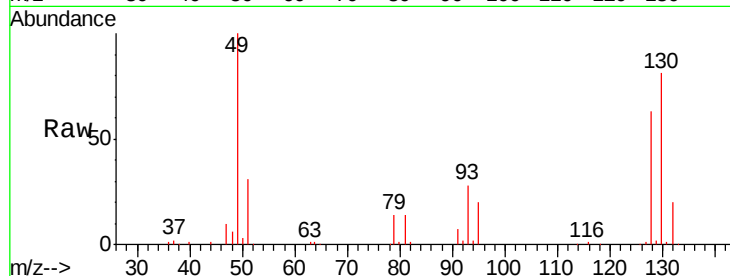
Tgt Ion:128 Resp: 181265

Ion Ratio Lower Upper

128 100

49 161.3 0.0 431.8

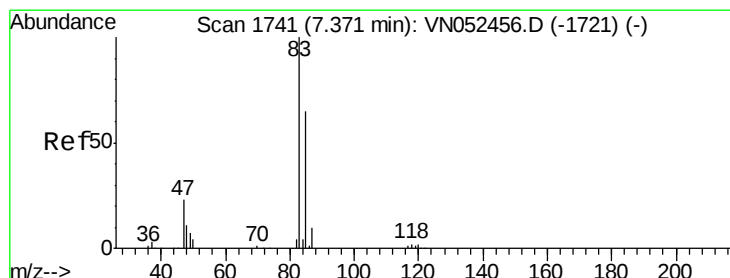
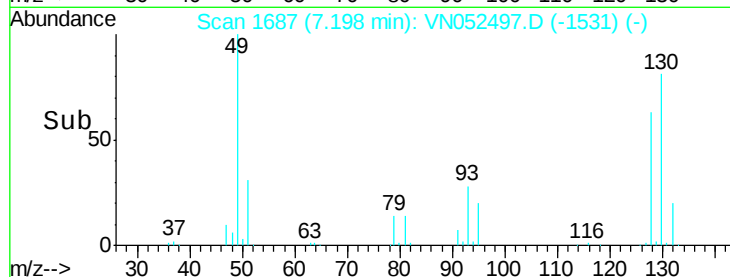
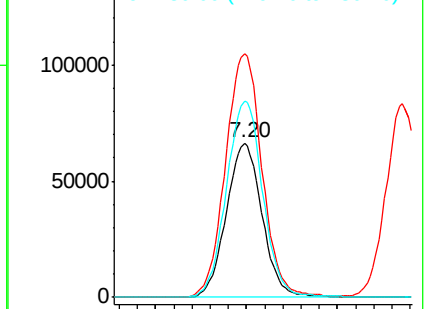
130 128.6 0.0 317.0



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: 141.21 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN052497.D

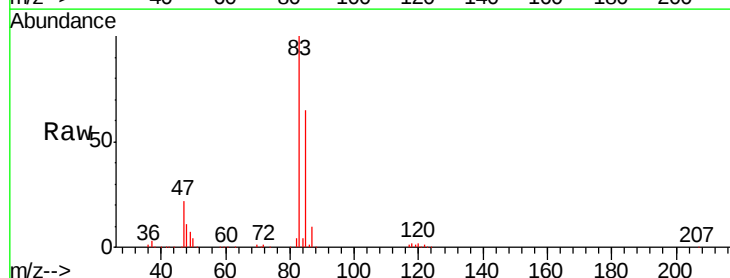
Acq: 28 Nov 2018 00:19

Tgt Ion: 83 Resp: 2892479

Ion Ratio Lower Upper

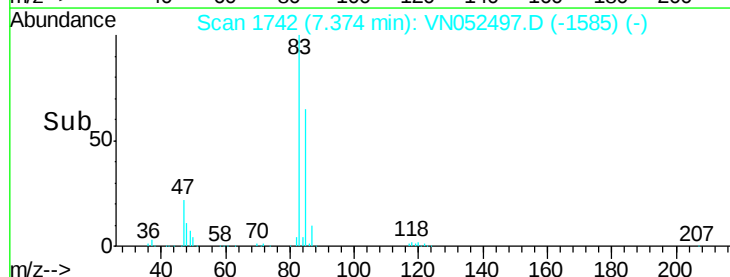
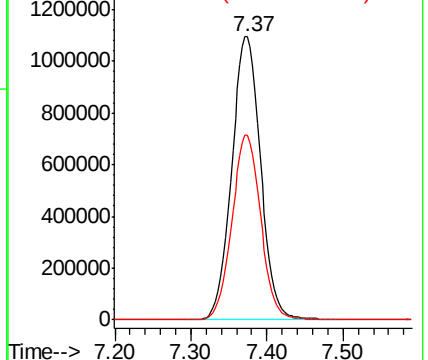
83 100

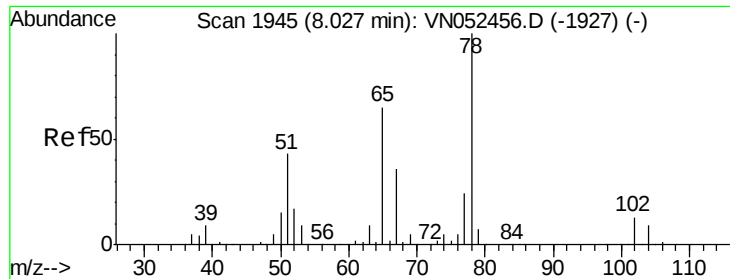
85 65.1 51.7 77.5



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

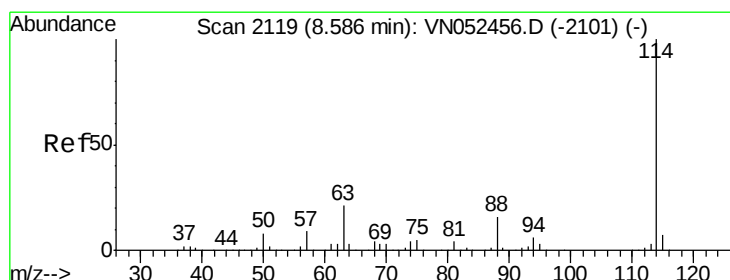
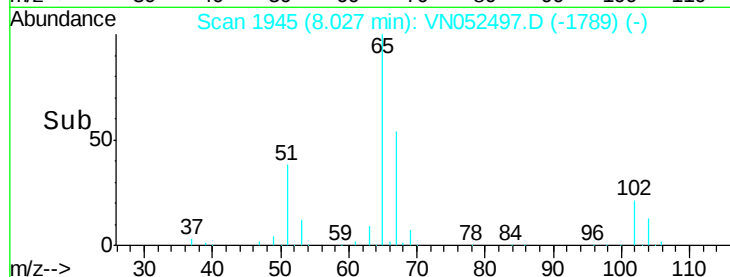
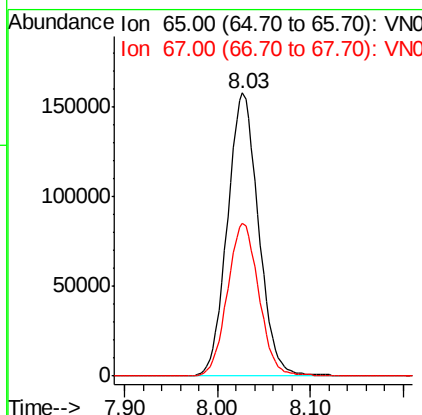
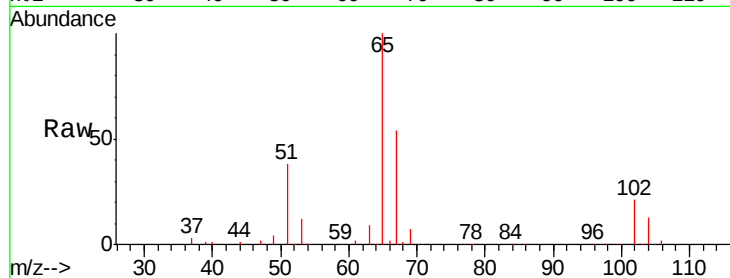




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052497.D
 Acq: 28 Nov 2018 00:19

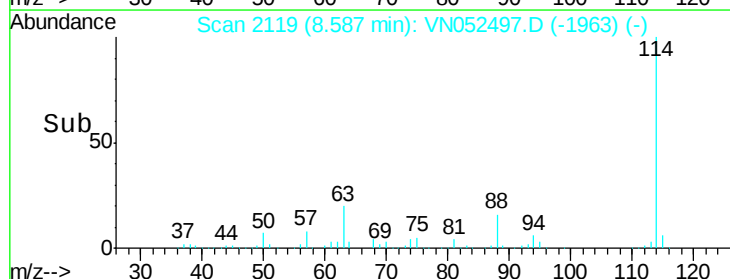
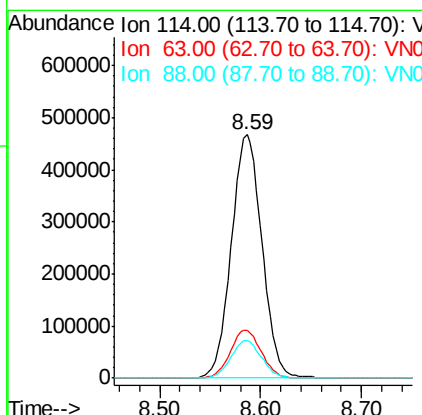
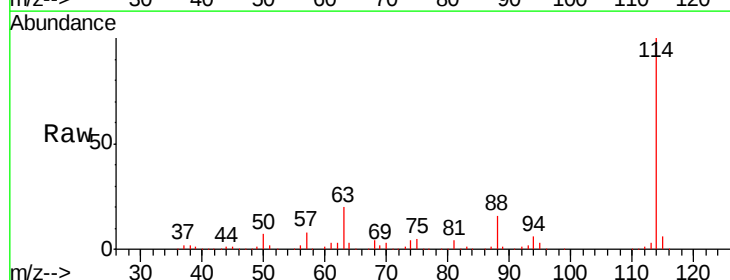
Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

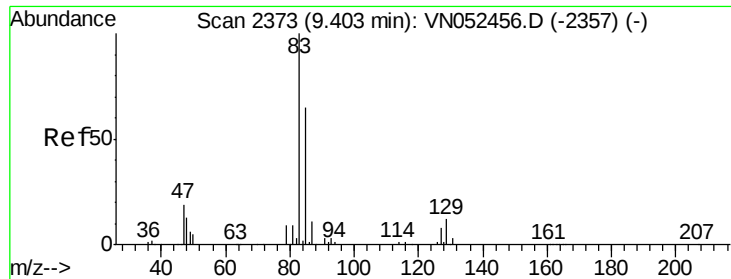
Tgt Ion: 65 Resp: 368935
 Ion Ratio Lower Upper
 65 100
 67 54.4 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052497.D
 Acq: 28 Nov 2018 00:19

Tgt Ion: 114 Resp: 987491
 Ion Ratio Lower Upper
 114 100
 63 19.9 16.9 25.3
 88 15.4 12.8 19.2





#41

Bromodichloromethane

Concen: 21.62 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052497.D

Acq: 28 Nov 2018 00:19

Instrument :

MSVOA_N

ClientSampled :

14B-3

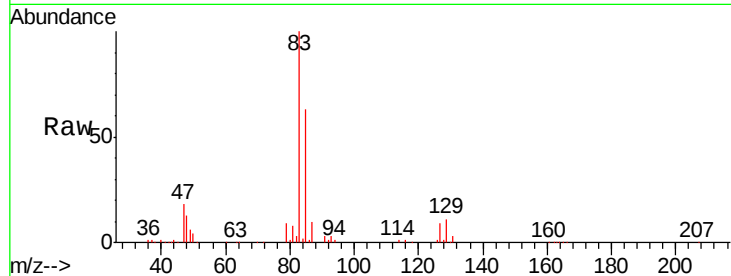
Tgt Ion: 83 Resp: 313665

Ion Ratio Lower Upper

83 100

85 63.0 52.4 78.6

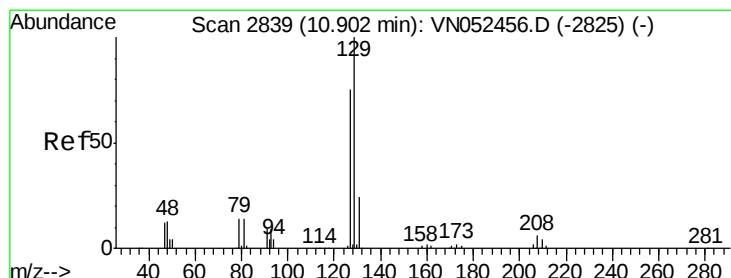
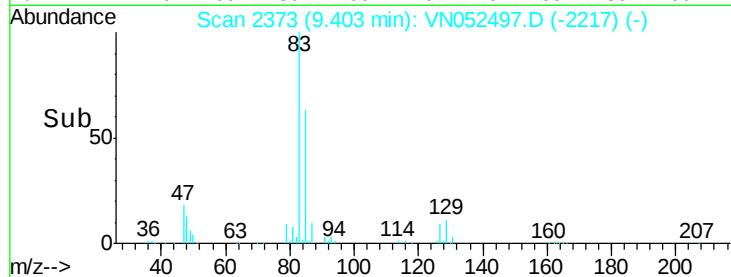
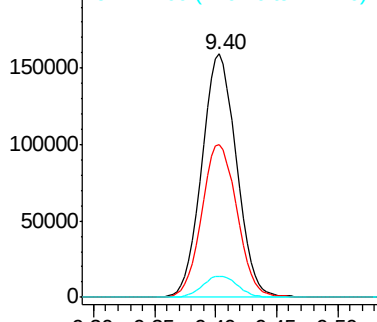
127 8.8 6.6 9.8



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): V



#53

Dibromochloromethane

Concen: 1.40 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN052497.D

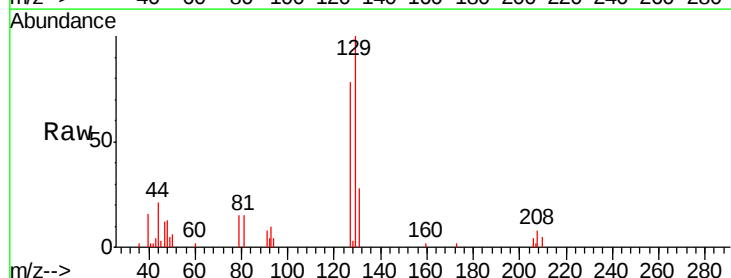
Acq: 28 Nov 2018 00:19

Tgt Ion: 129 Resp: 14317

Ion Ratio Lower Upper

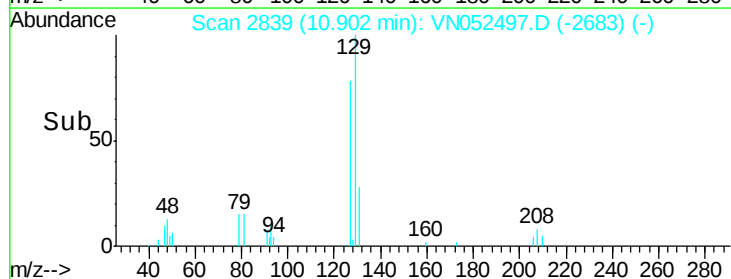
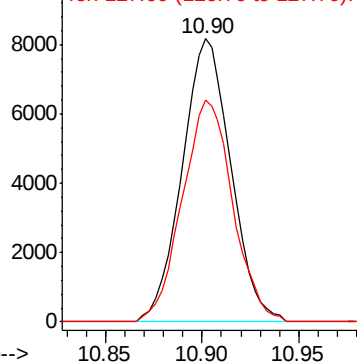
129 100

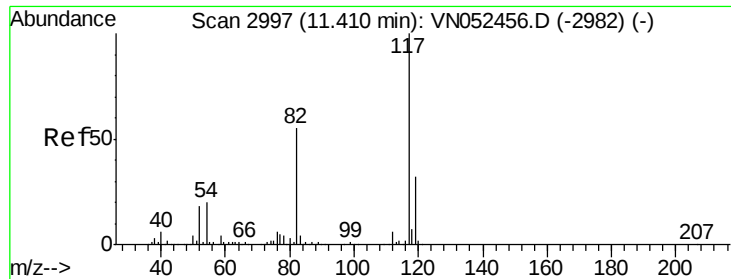
127 81.0 37.6 112.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

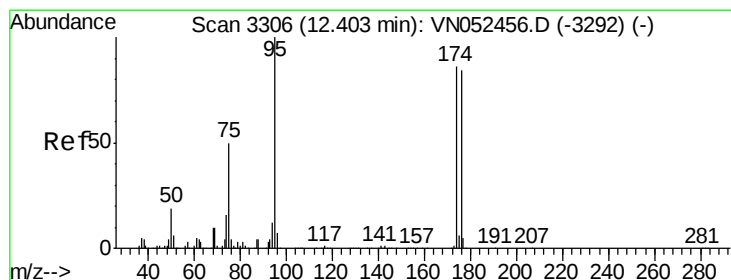
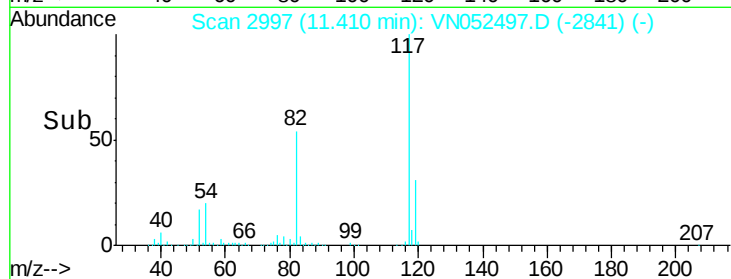
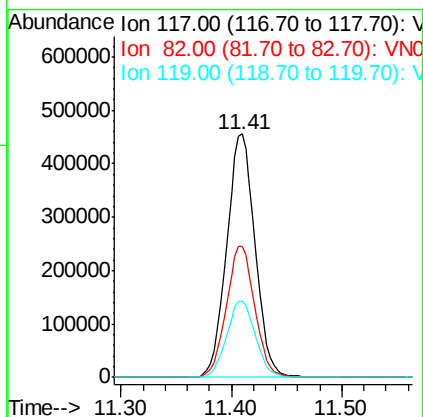
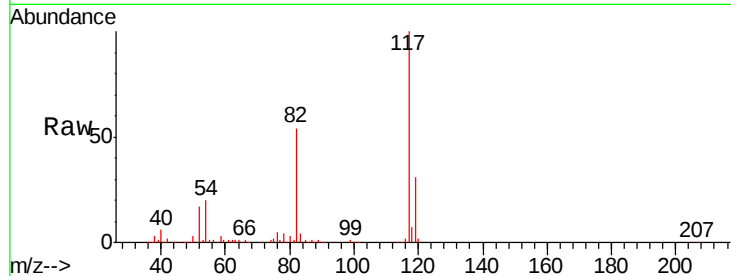




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052497.D
Acq: 28 Nov 2018 00:19

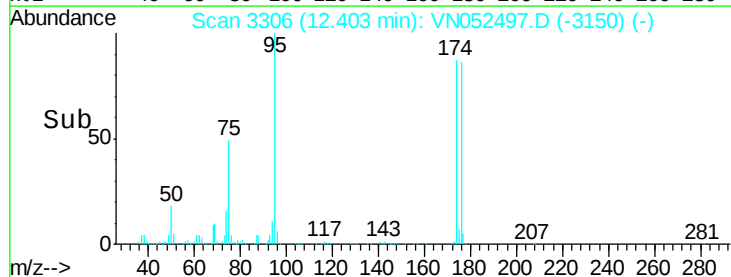
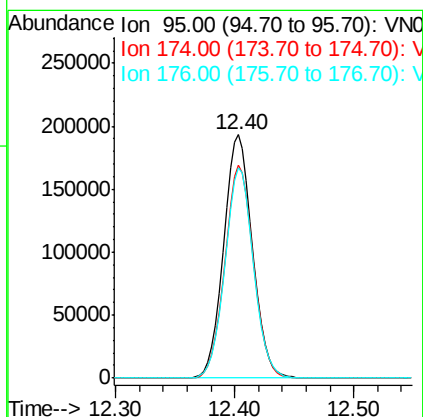
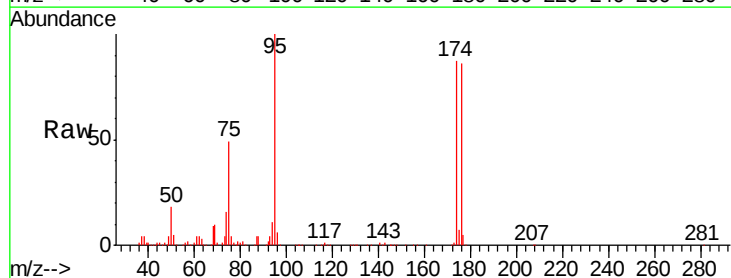
Instrument :
MSVOA_N
ClientSampled :
14B-3

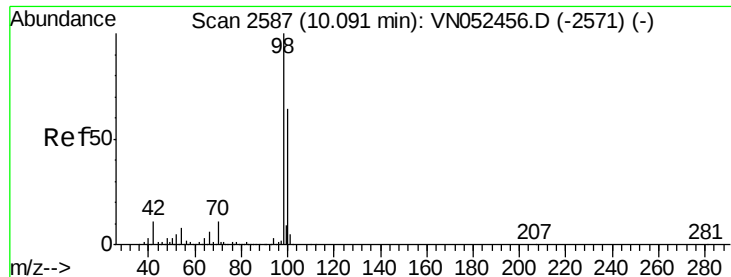
Tgt Ion: 117 Resp: 810348
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.9 25.4 38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052497.D
Acq: 28 Nov 2018 00:19

Tgt Ion: 95 Resp: 322686
Ion Ratio Lower Upper
95 100
174 87.2 67.9 101.9
176 85.7 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: VN052497.D

Acq: 28 Nov 2018 00:19

Instrument :

MSVOA_N

ClientSampleId :

14B-3

Tgt Ion: 98 Resp: 1129432

Ion Ratio Lower Upper

98 100

100 64.5 51.1 76.7

