

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052587.D
 Acq On : 30 Nov 2018 1:57
 Operator : MD\SY
 Sample : J6144-03DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3DL

Quant Time: Nov 30 04:24:44 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	178300	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	996731	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	828964	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	361480	29.75	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.17%
60) 4-Bromofluorobenzene	12.40	95	326481	25.76	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	85.87%
63) Toluene-d8	10.09	98	1165498	30.32	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.07%

Target Compounds

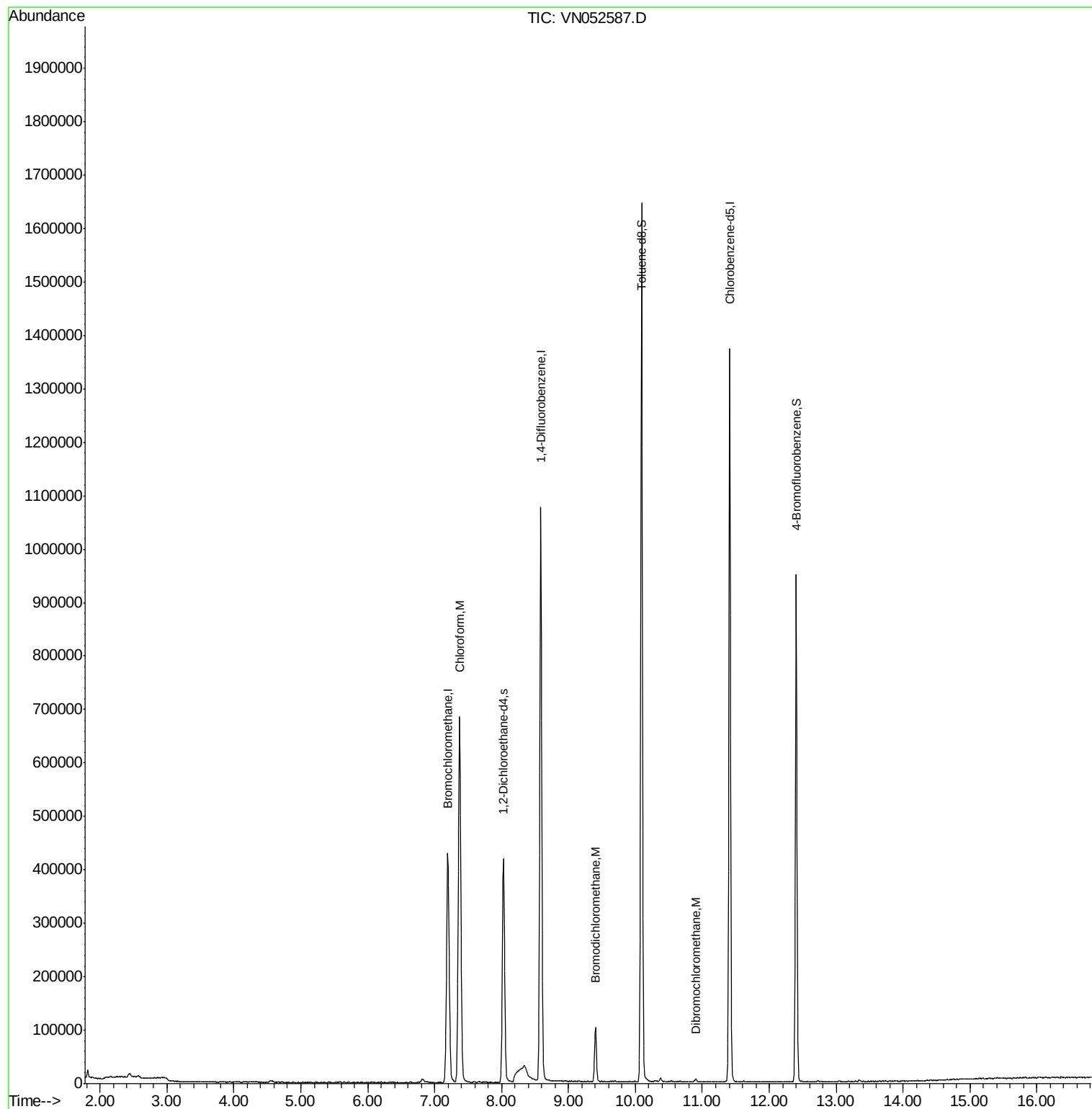
					Qvalue
25) Chloroform	7.37	83	750245	37.235	ug/l 100
41) Bromodichloromethane	9.40	83	72835	4.973	ug/l 99
53) Dibromochloromethane	10.90	129	3194	0.309	ug/l 91

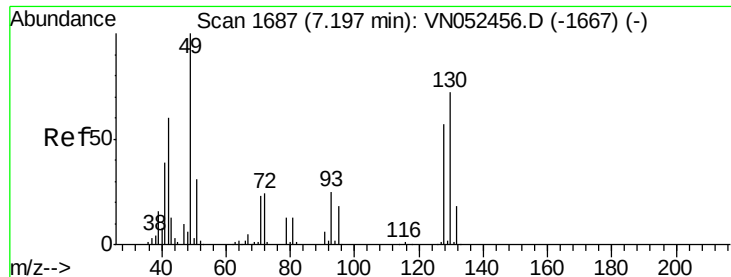
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052587.D

Acq: 30 Nov 2018 1:57

Instrument :

MSVOA_N

ClientSampled :

14B-3DL

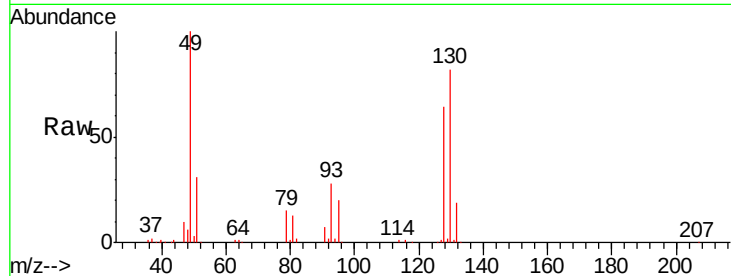
Tgt Ion:128 Resp: 178300

Ion Ratio Lower Upper

128 100

49 157.8 0.0 431.8

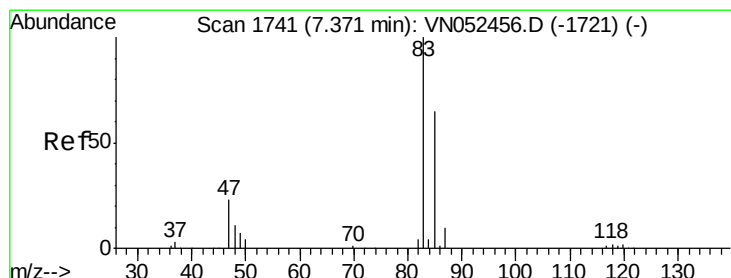
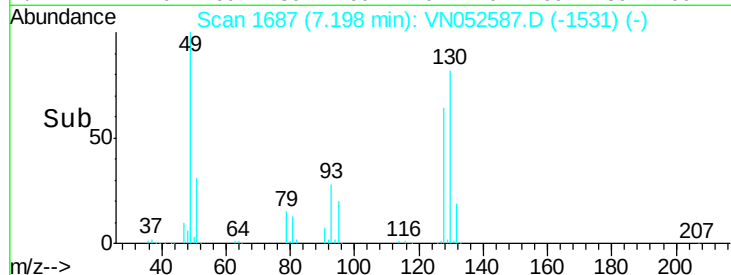
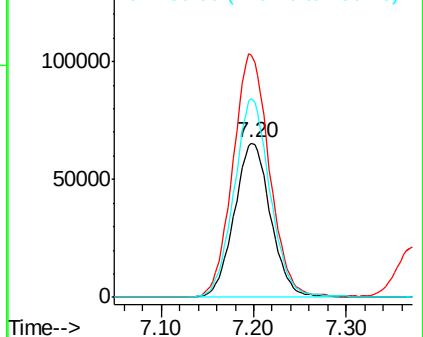
130 128.1 0.0 317.0



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: 37.235 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN052587.D

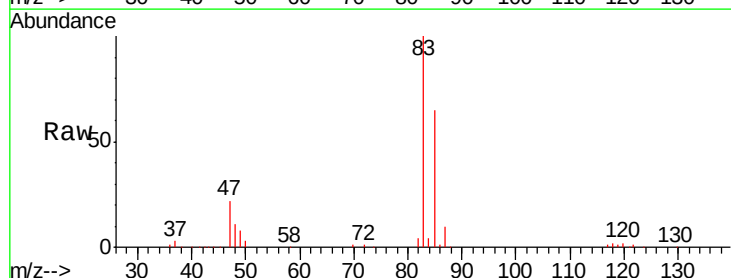
Acq: 30 Nov 2018 1:57

Tgt Ion: 83 Resp: 750245

Ion Ratio Lower Upper

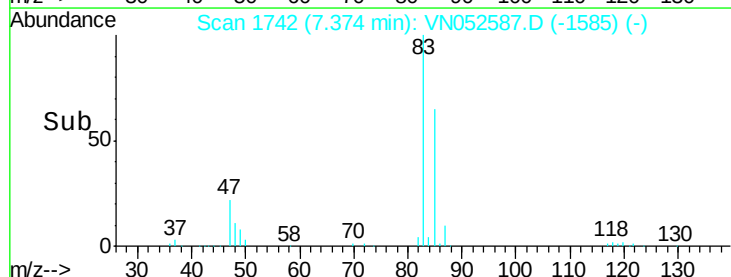
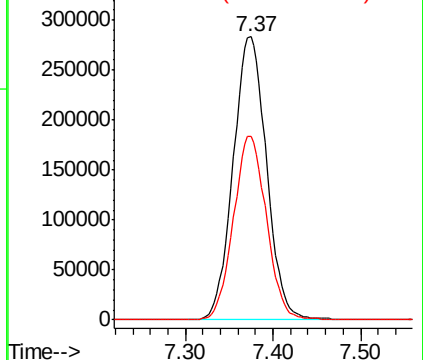
83 100

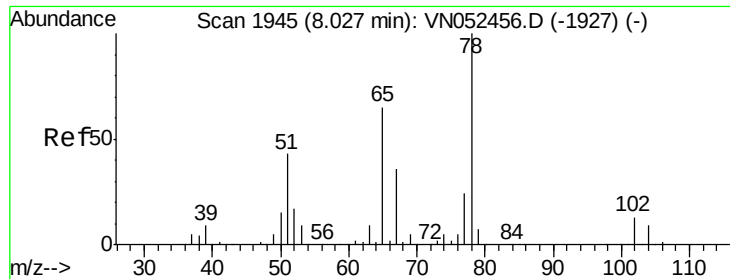
85 65.0 51.7 77.5



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

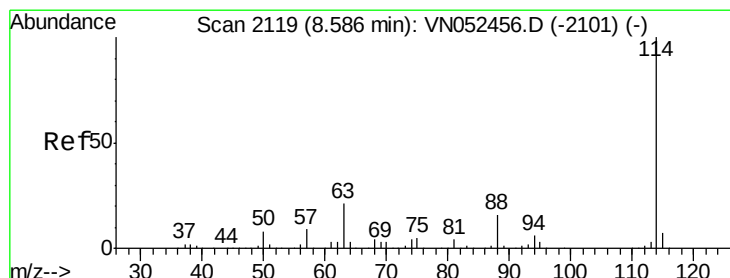
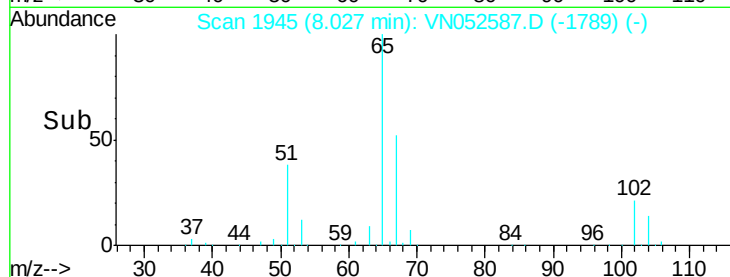
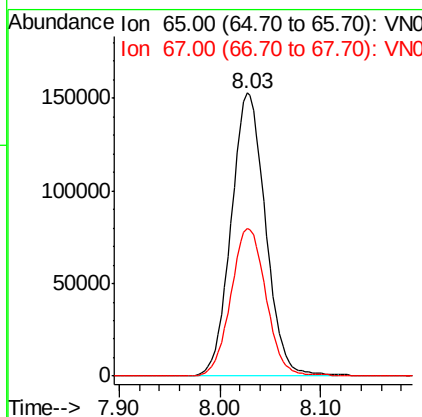
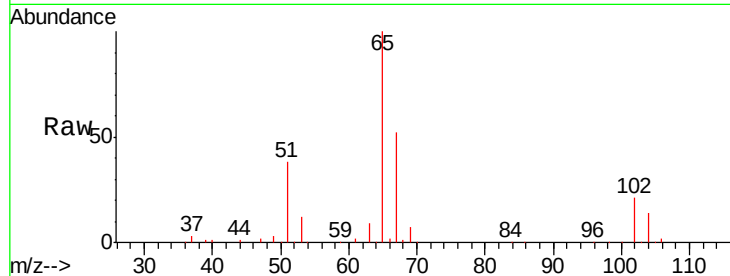




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052587.D
 Acq: 30 Nov 2018 1:57

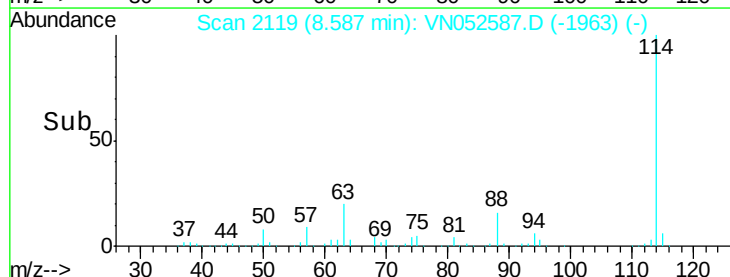
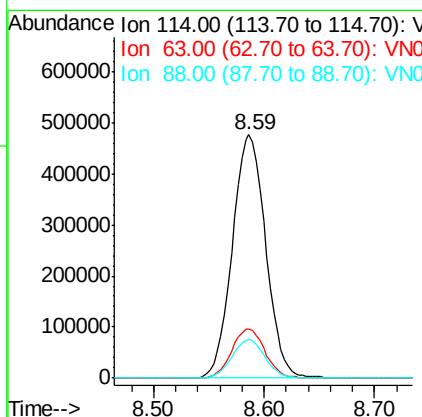
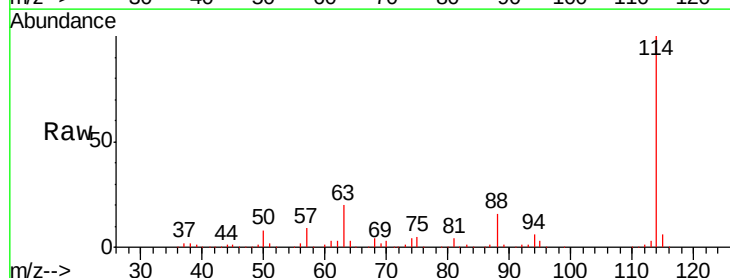
Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3DL

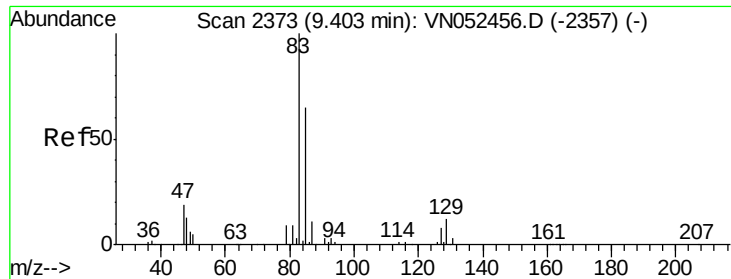
Tgt Ion: 65 Resp: 361480
 Ion Ratio Lower Upper
 65 100
 67 53.2 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052587.D
 Acq: 30 Nov 2018 1:57

Tgt Ion: 114 Resp: 996731
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.9 25.3
 88 15.7 12.8 19.2





#41

Bromodichloromethane

Concen: 4.973 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052587.D

Acq: 30 Nov 2018 1:57

Instrument :

MSVOA_N

ClientSampleId :

14B-3DL

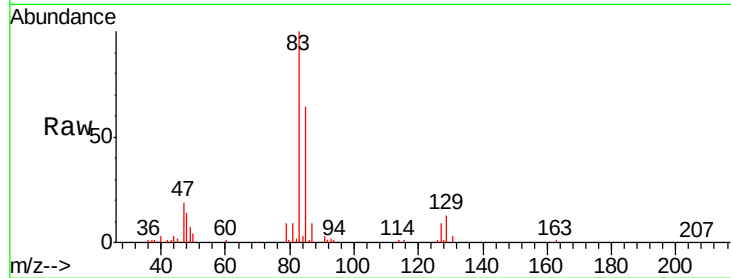
Tgt Ion: 83 Resp: 72835

Ion Ratio Lower Upper

83 100

85 64.5 52.4 78.6

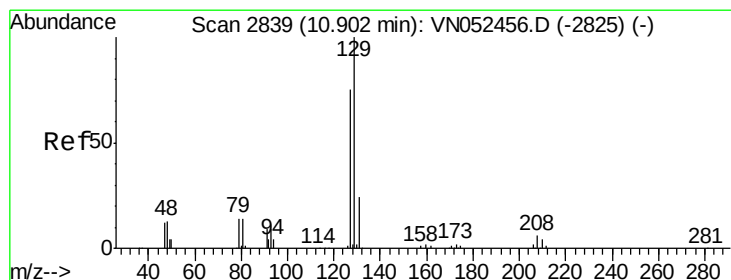
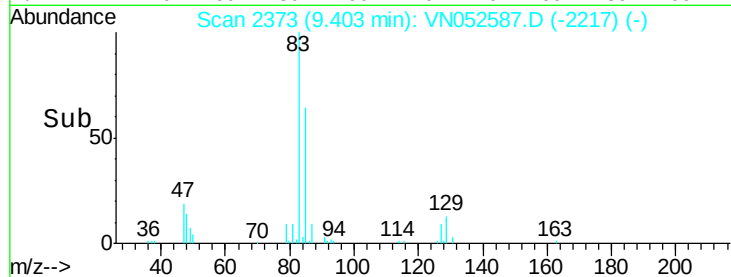
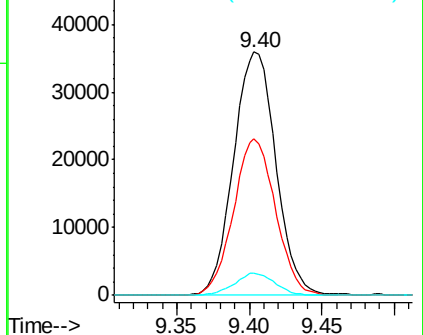
127 9.3 6.6 9.8



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: 0.309 ug/l

RT: 10.90 min Scan# 2838

Delta R.T. -0.00 min

Lab File: VN052587.D

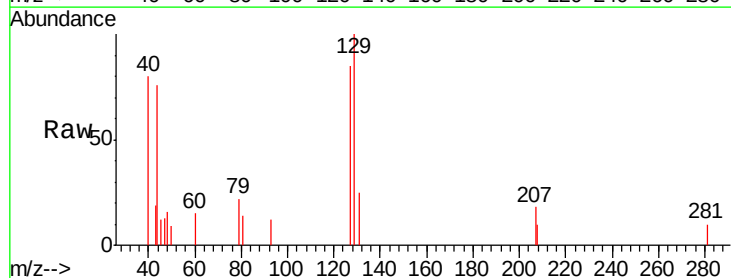
Acq: 30 Nov 2018 1:57

Tgt Ion: 129 Resp: 3194

Ion Ratio Lower Upper

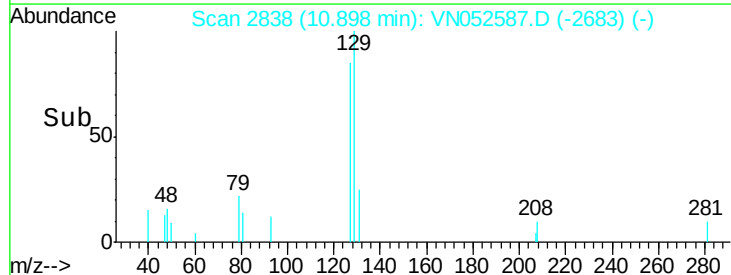
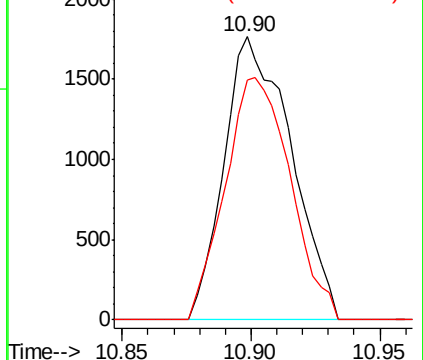
129 100

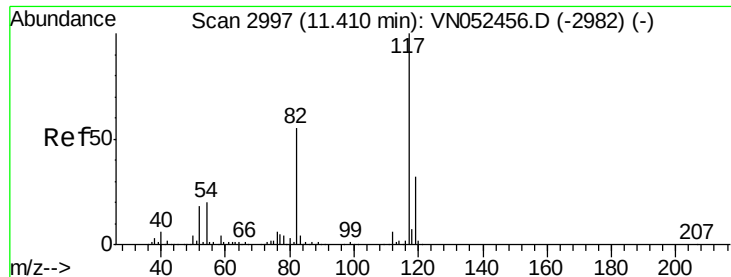
127 83.2 37.6 112.8



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

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

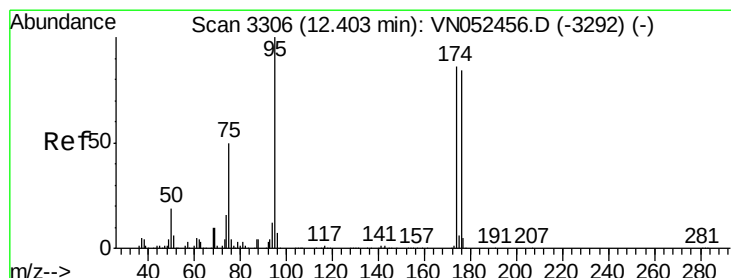
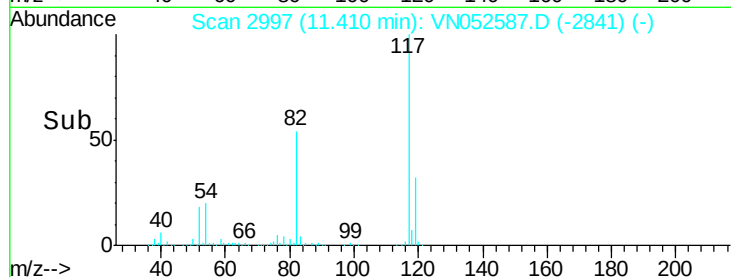
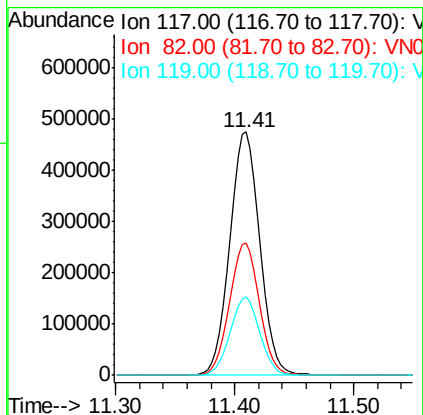
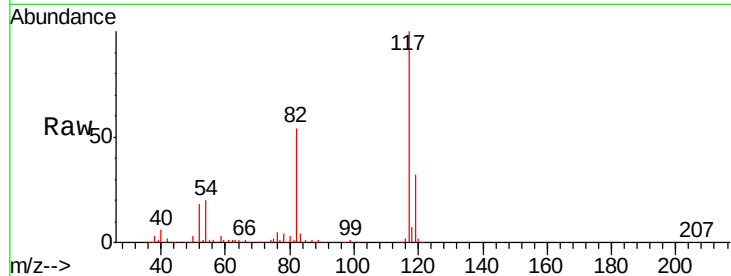




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052587.D
Acq: 30 Nov 2018 1:57

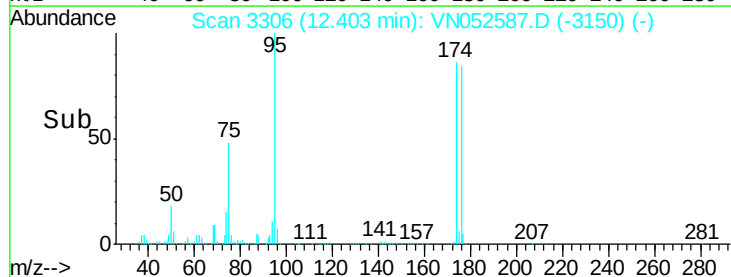
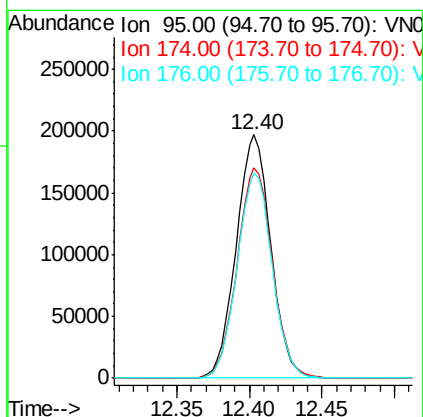
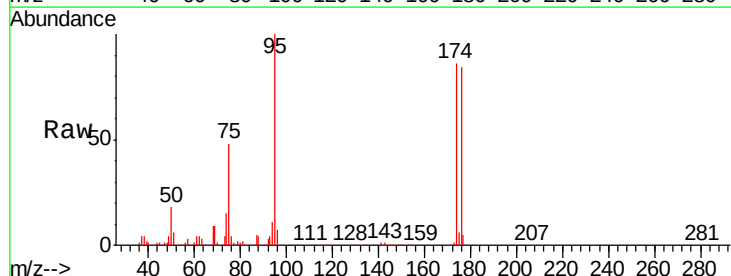
Instrument :
MSVOA_N
ClientSampled :
14B-3DL

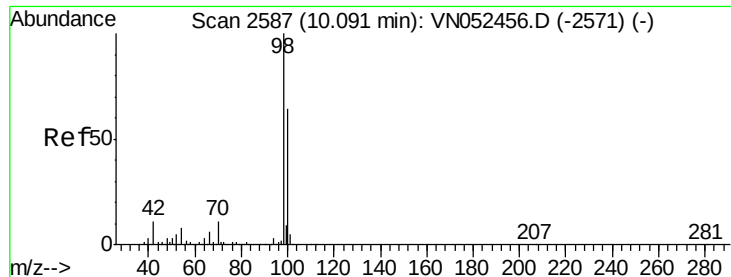
Tgt Ion: 117 Resp: 828964
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 31.9 25.4 38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052587.D
Acq: 30 Nov 2018 1:57

Tgt Ion: 95 Resp: 326481
Ion Ratio Lower Upper
95 100
174 88.3 67.9 101.9
176 85.7 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: VN052587.D

Acq: 30 Nov 2018 1:57

Instrument :

MSVOA_N

ClientSampleId :

14B-3DL

Tgt Ion: 98 Resp: 1165498

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7

