

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052496.D
 Acq On : 27 Nov 2018 23:52
 Operator : MD\SY
 Sample : J6067-02 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Quant Time: Nov 28 09:00:08 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	169193	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	975739	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	809253	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	344224	29.86	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.53%
60) 4-Bromofluorobenzene	12.40	95	325397	26.30	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	87.67%
63) Toluene-d8	10.09	98	1138230	30.33	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.10%

Target Compounds

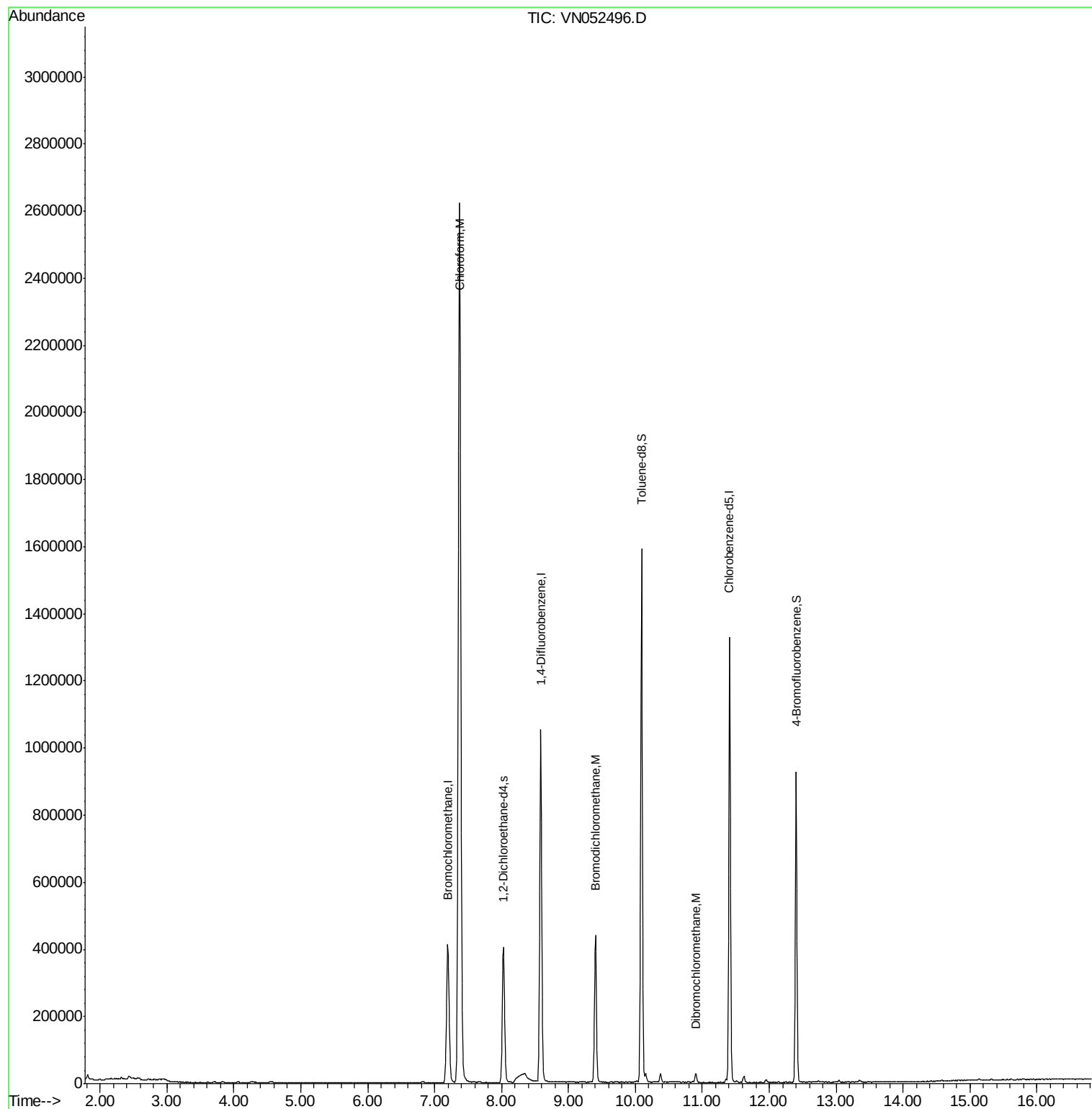
						Qvalue
25) Chloroform	7.37	83	2876434	150.44	ug/l	99
41) Bromodichloromethane	9.40	83	312832	21.82	ug/l	96
53) Dibromochloromethane	10.90	129	15461	1.53	ug/l	99

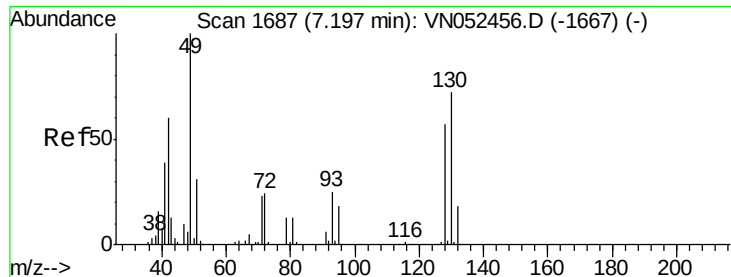
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052496.D

Acq: 27 Nov 2018 23:52

Instrument :
MSVOA_N
ClientSampled :
14B-2

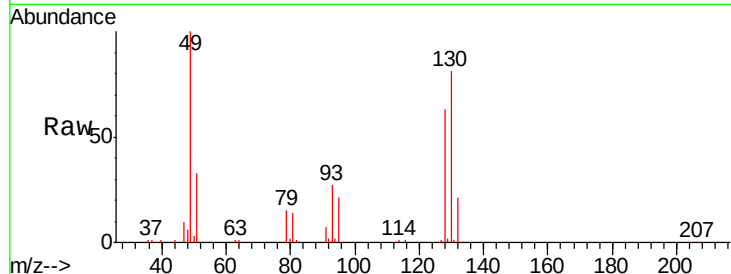
Tgt Ion:128 Resp: 169193

Ion Ratio Lower Upper

128 100

49 160.4 0.0 431.8

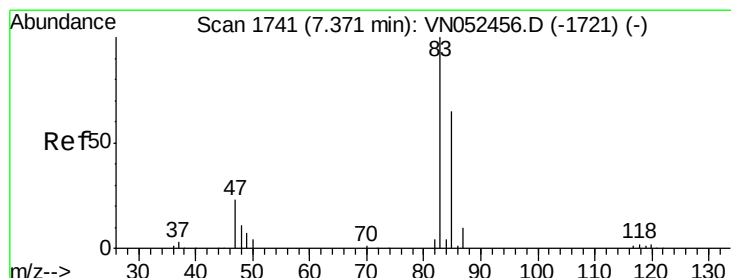
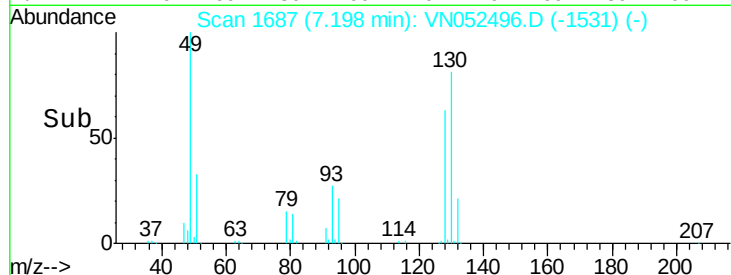
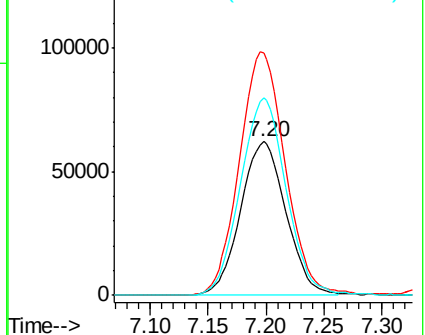
130 129.6 0.0 317.0



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: 150.44 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN052496.D

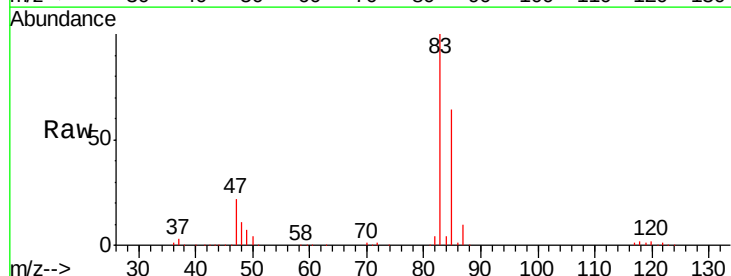
Acq: 27 Nov 2018 23:52

Tgt Ion: 83 Resp: 2876434

Ion Ratio Lower Upper

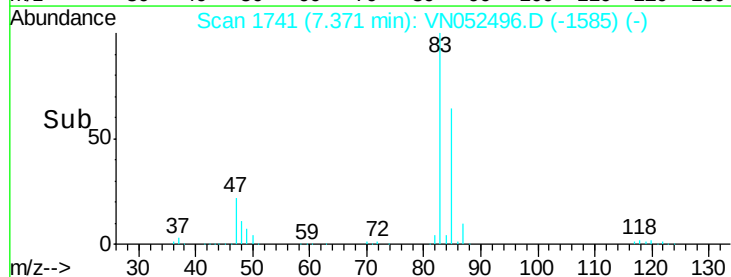
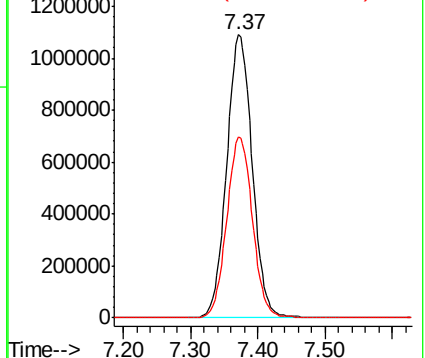
83 100

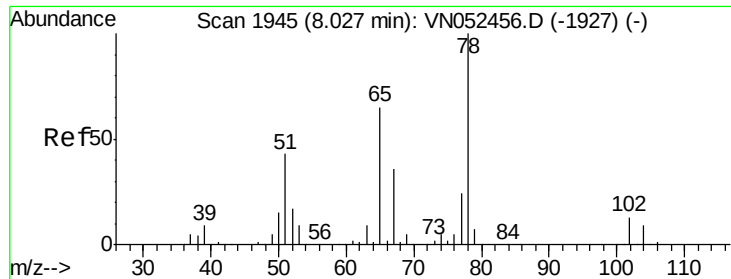
85 63.7 51.7 77.5



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

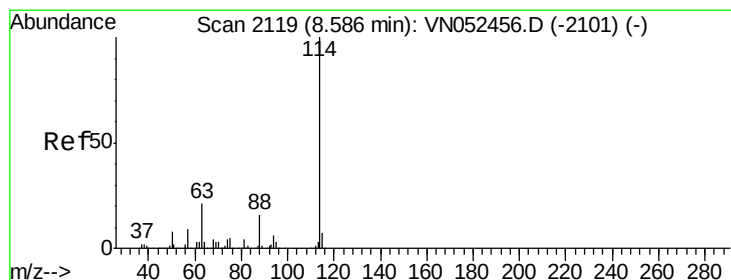
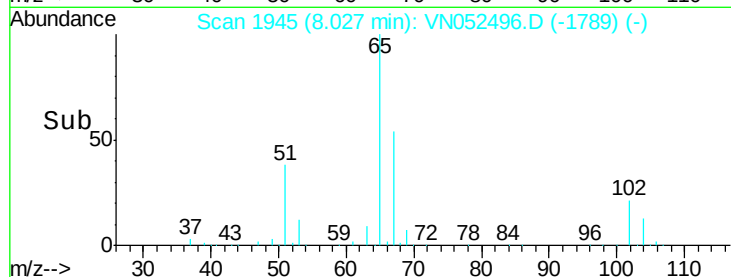
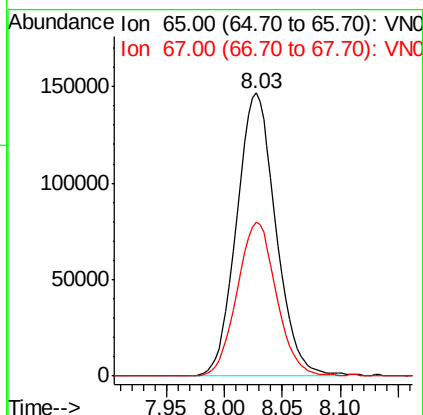
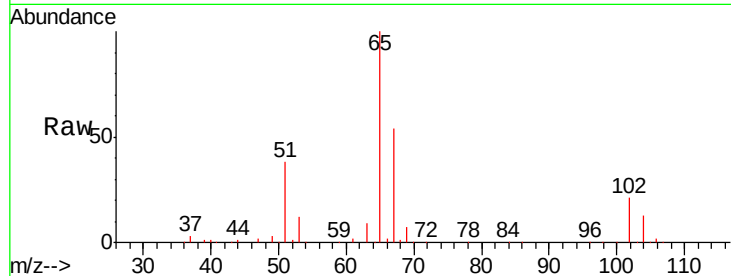




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052496.D
 Acq: 27 Nov 2018 23:52

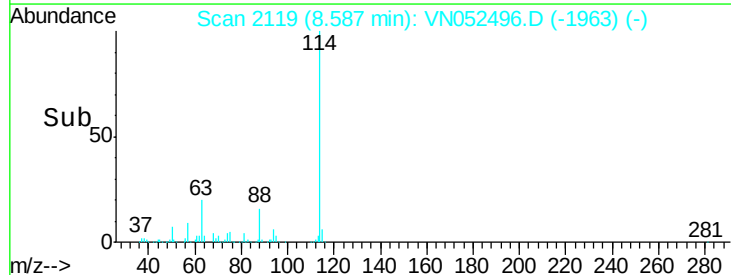
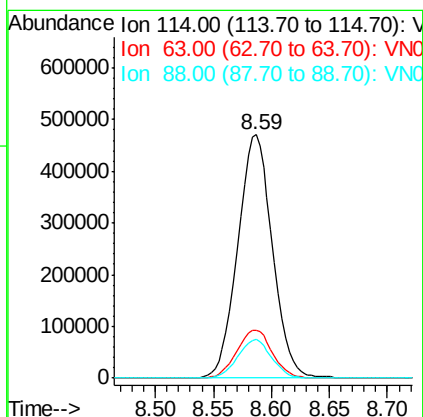
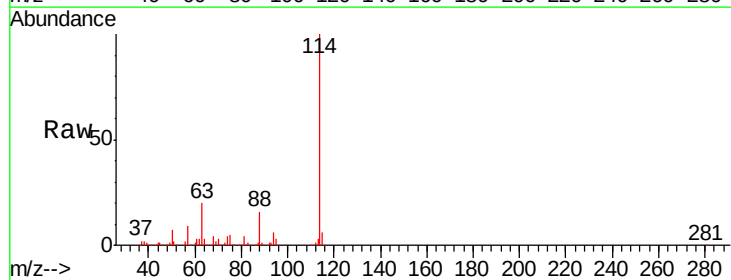
Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

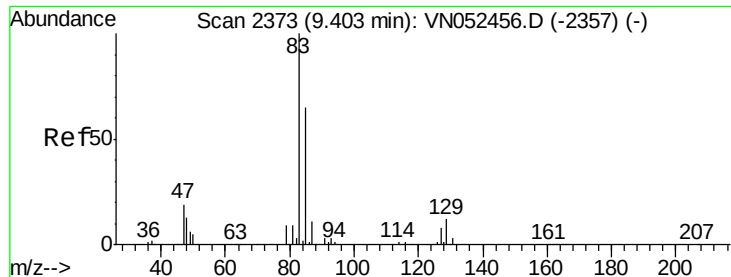
Tgt Ion: 65 Resp: 344224
 Ion Ratio Lower Upper
 65 100
 67 54.7 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052496.D
 Acq: 27 Nov 2018 23:52

Tgt Ion: 114 Resp: 975739
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.9 25.3
 88 15.5 12.8 19.2





#41

Bromodichloromethane

Concen: 21.82 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052496.D

Acq: 27 Nov 2018 23:52

Instrument :

MSVOA_N

ClientSampleId :

14B-2

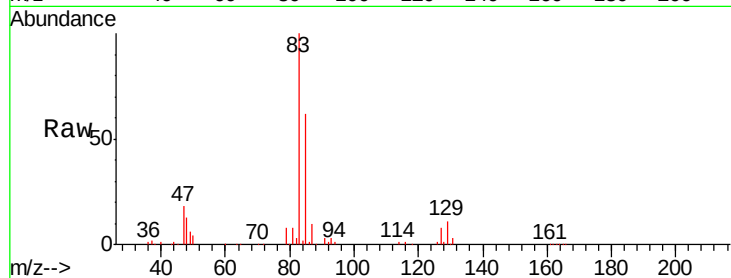
Tgt Ion: 83 Resp: 312832

Ion Ratio Lower Upper

83 100

85 61.7 52.4 78.6

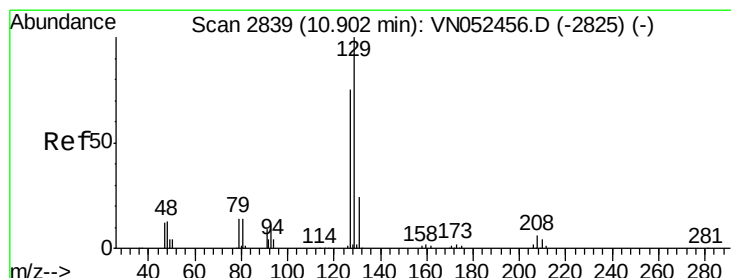
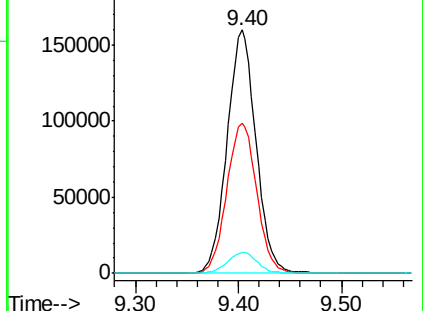
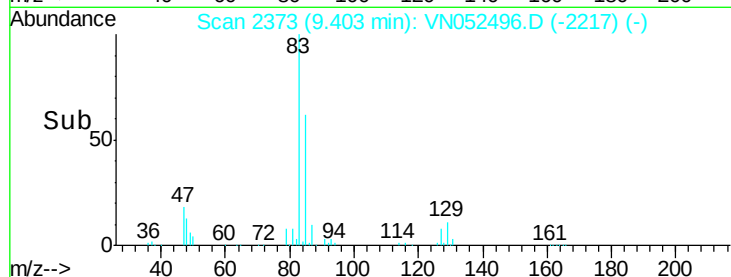
127 8.5 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN052496.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN052496.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN052496.D (-2217) (-)



#53

Dibromochloromethane

Concen: 1.53 ug/l

RT: 10.90 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VN052496.D

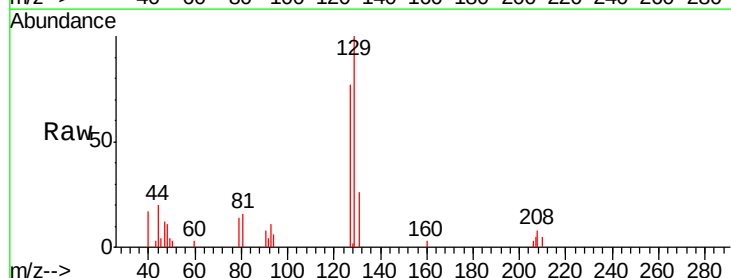
Acq: 27 Nov 2018 23:52

Tgt Ion: 129 Resp: 15461

Ion Ratio Lower Upper

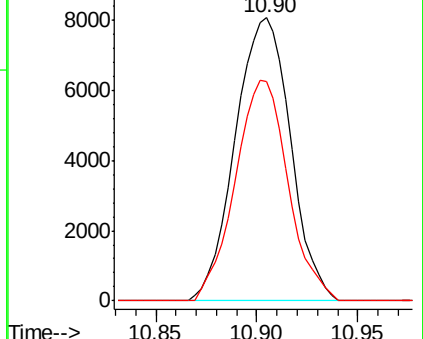
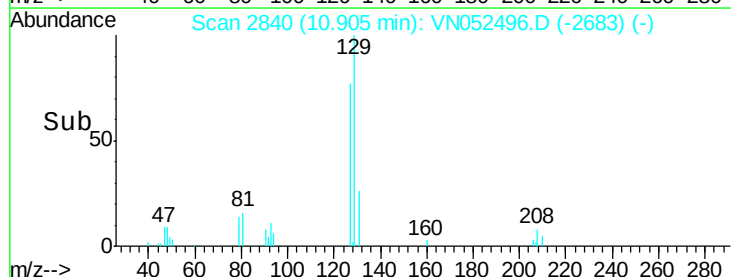
129 100

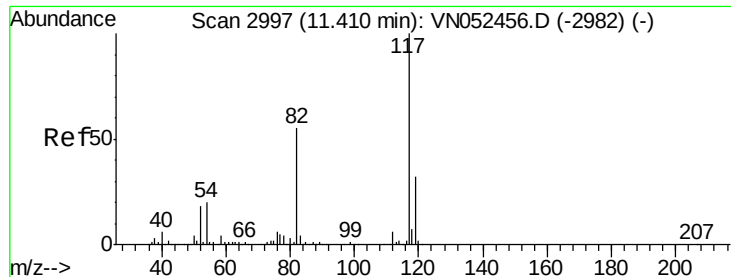
127 74.5 37.6 112.8



Abundance Ion 129.00 (128.70 to 129.70): VN052496.D (-2683) (-)

Ion 127.00 (126.70 to 127.70): VN052496.D (-2683) (-)

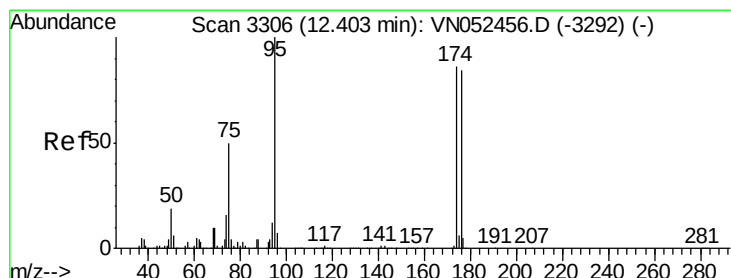
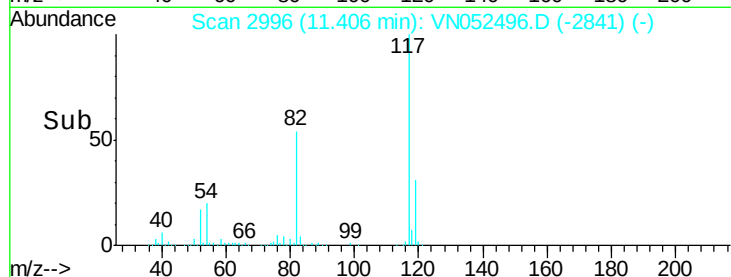
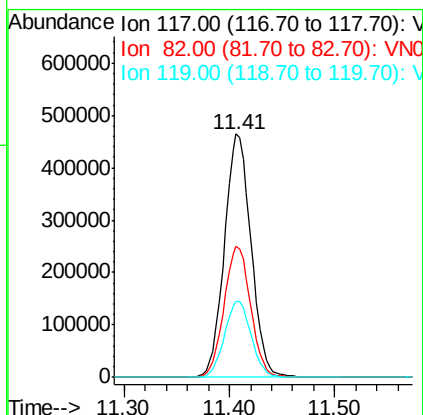
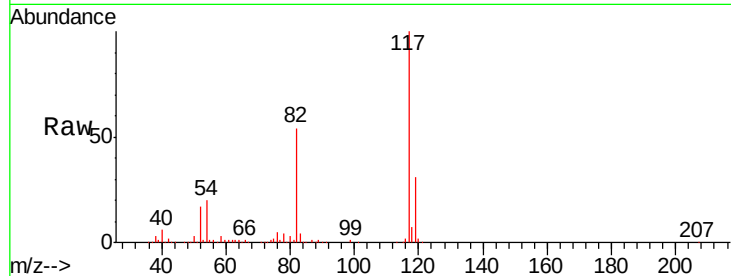




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052496.D
Acq: 27 Nov 2018 23:52

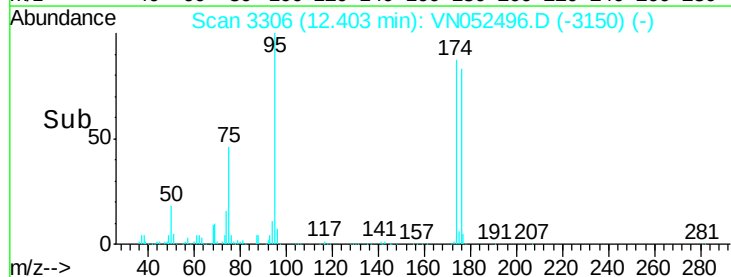
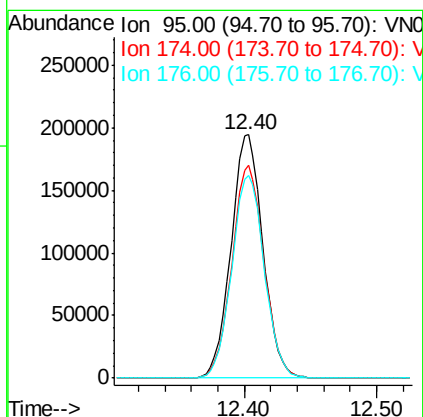
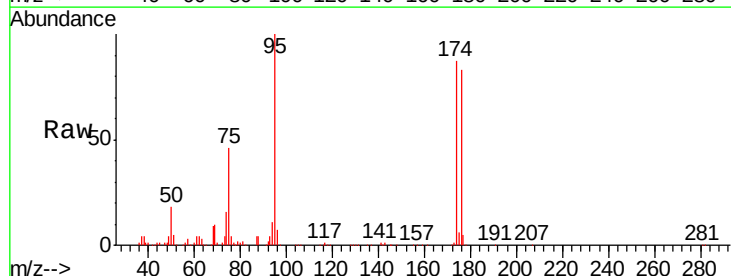
Instrument :
MSVOA_N
ClientSampled :
14B-2

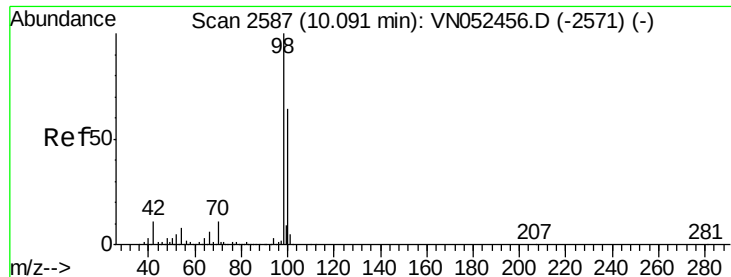
Tgt Ion: 117 Resp: 809253
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.4 25.4 38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052496.D
Acq: 27 Nov 2018 23:52

Tgt Ion: 95 Resp: 325397
Ion Ratio Lower Upper
95 100
174 87.8 67.9 101.9
176 84.7 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: VN052496.D

Acq: 27 Nov 2018 23:52

Instrument :

MSVOA_N

ClientSampleId :

14B-2

Tgt Ion: 98 Resp: 1138230

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7

