

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052582.D
 Acq On : 29 Nov 2018 23:44
 Operator : MD\SY
 Sample : J6144-01 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Quant Time: Nov 30 11:08:50 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	168683	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	977867	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	820947	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	342791	29.82	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.40%
60) 4-Bromofluorobenzene	12.40	95	338879	27.00	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.00%
63) Toluene-d8	10.09	98	1135828	29.84	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.47%

Target Compounds

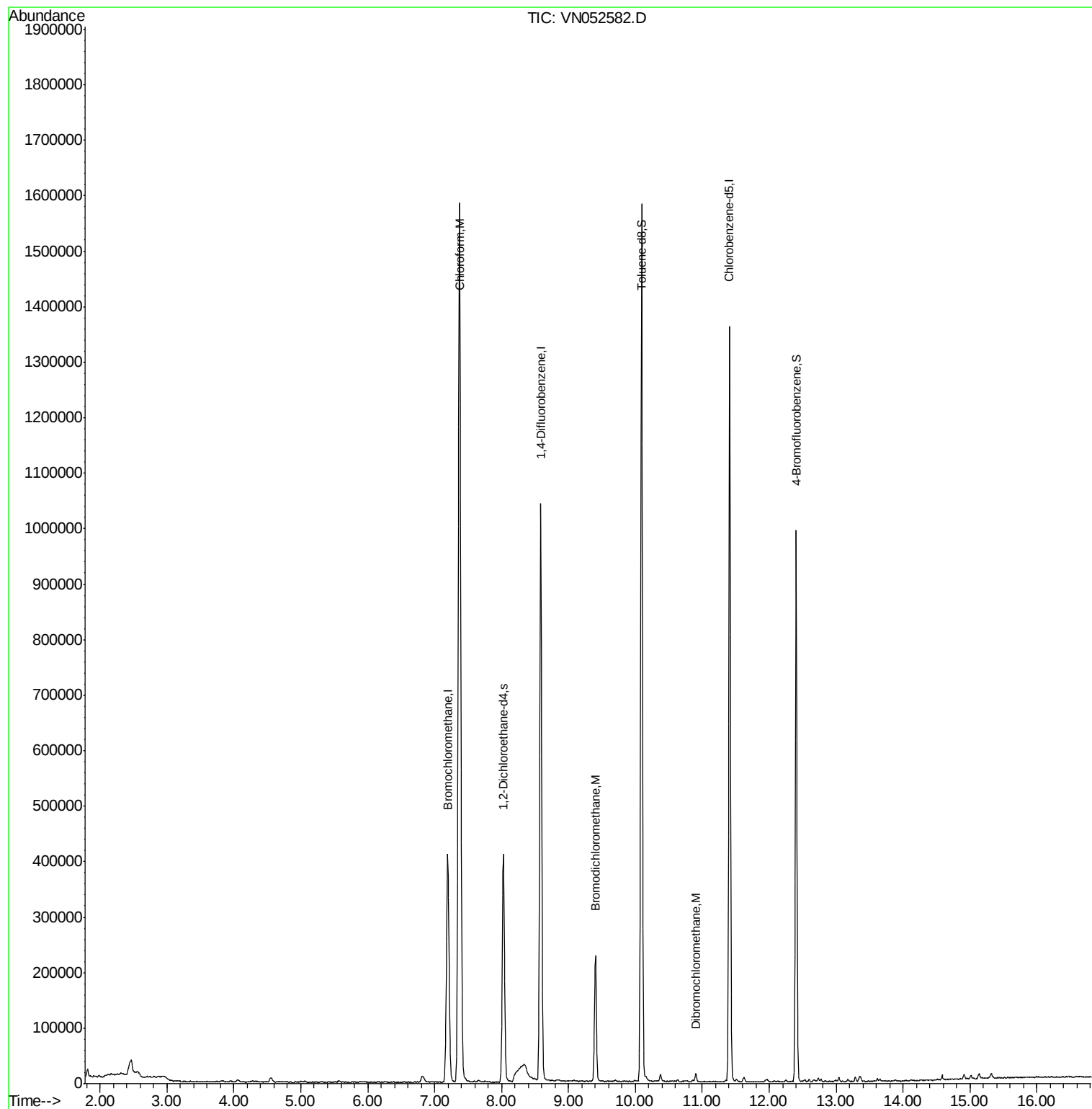
					Qvalue
25) Chloroform	7.37	83	1722718	90.373	ug/l 99
41) Bromodichloromethane	9.40	83	162394	11.302	ug/l 100
53) Dibromochloromethane	10.90	129	7449	0.734	ug/l 95

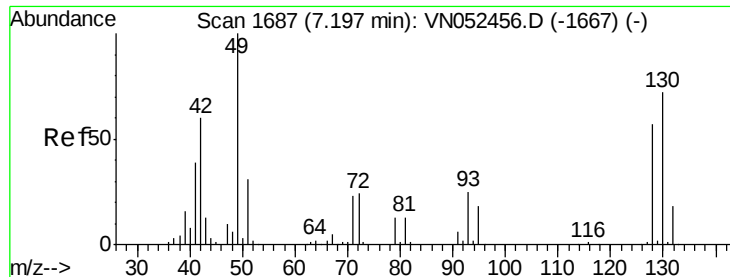
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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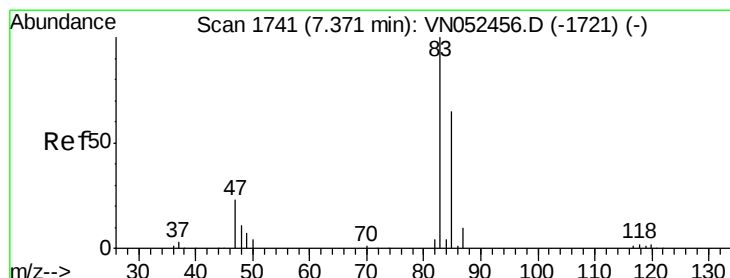
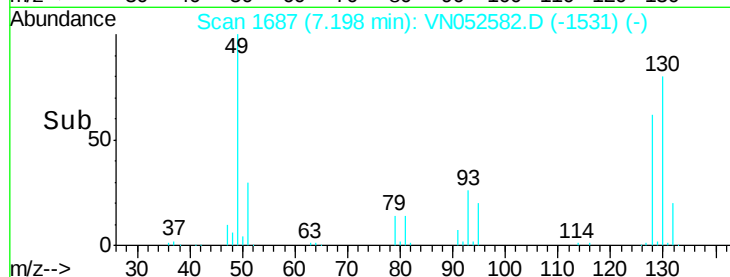
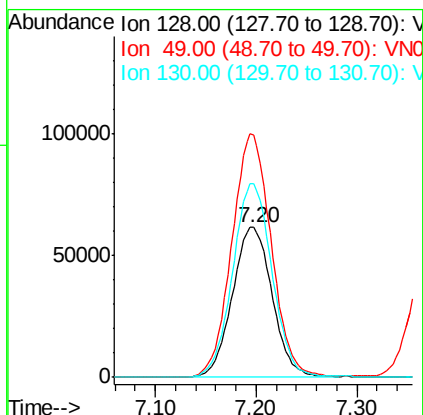
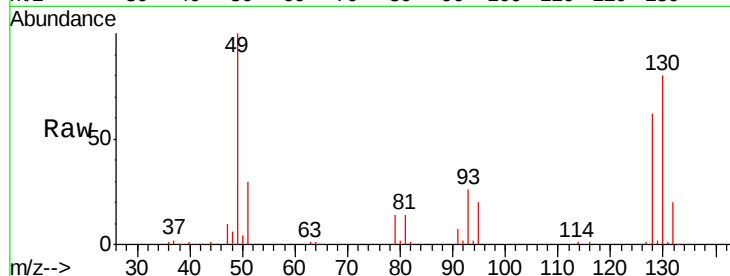




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN052582.D
Acq: 29 Nov 2018 23:44

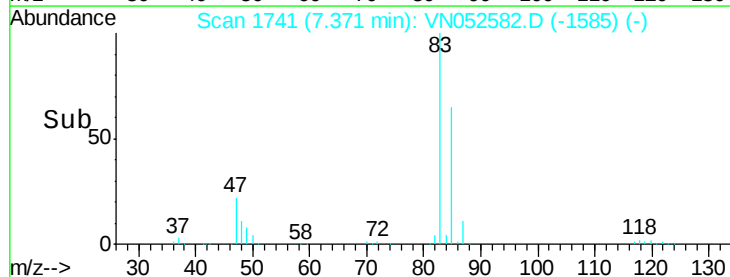
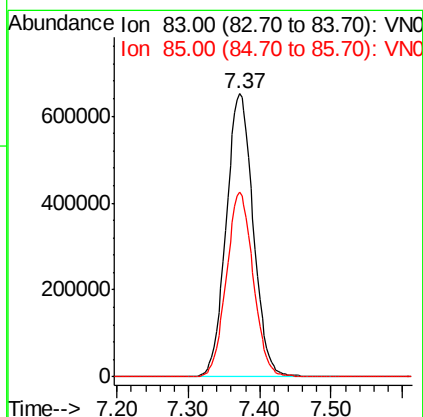
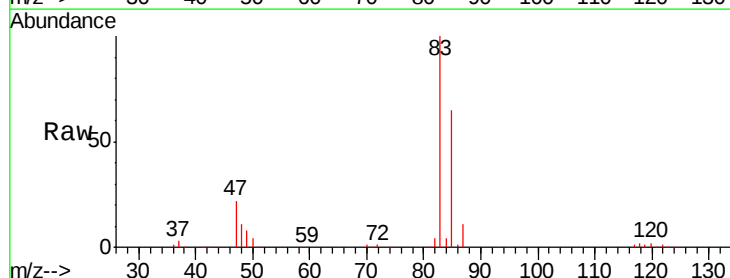
Instrument :
MSVOA_N
ClientSampled :
14B-1

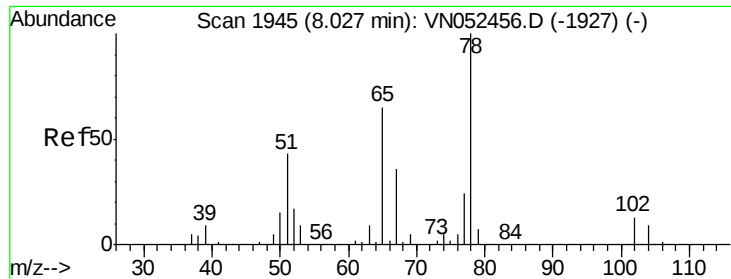
Tgt Ion:128 Resp: 168683
Ion Ratio Lower Upper
128 100
49 160.6 0.0 431.8
130 128.1 0.0 317.0



#25
Chloroform
Concen: 90.373 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN052582.D
Acq: 29 Nov 2018 23:44

Tgt Ion: 83 Resp: 1722718
Ion Ratio Lower Upper
83 100
85 65.2 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: VN052582.D

Acq: 29 Nov 2018 23:44

Instrument :

MSVOA_N

ClientSampleId :

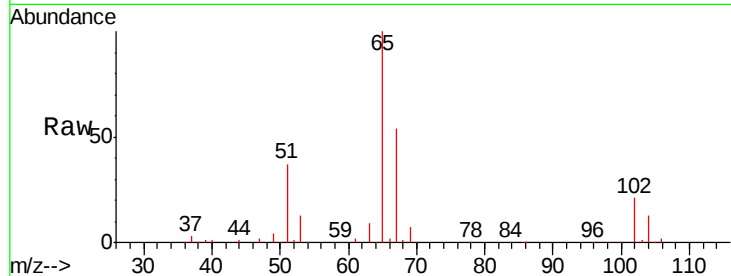
14B-1

Tgt Ion: 65 Resp: 342791

Ion Ratio Lower Upper

65 100

67 54.8 44.6 66.8



Abundance Ion 65.00 (64.70 to 65.70): VN052456.D (-1927) (-)

Ion 67.00 (66.70 to 67.70): VN052456.D (-1927) (-)

8.03

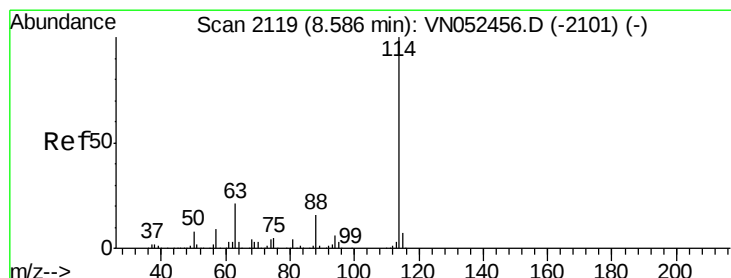
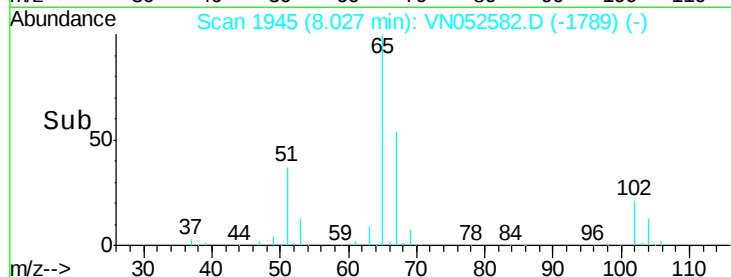
150000

100000

50000

0

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052582.D

Acq: 29 Nov 2018 23:44

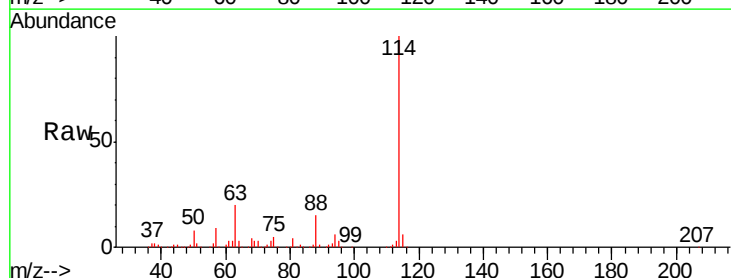
Tgt Ion: 114 Resp: 977867

Ion Ratio Lower Upper

114 100

63 20.1 16.9 25.3

88 15.3 12.8 19.2



Abundance Ion 114.00 (113.70 to 114.70): VN052456.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN052456.D (-2101) (-)

Ion 88.00 (87.70 to 88.70): VN052456.D (-2101) (-)

8.59

600000

500000

400000

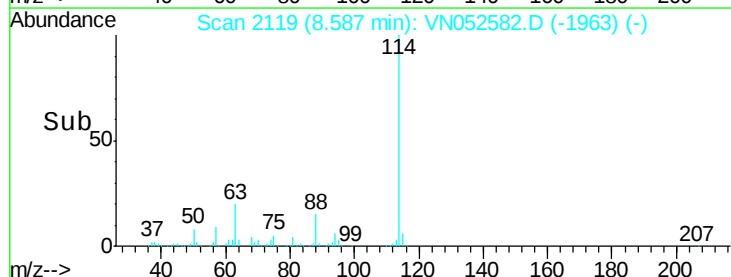
300000

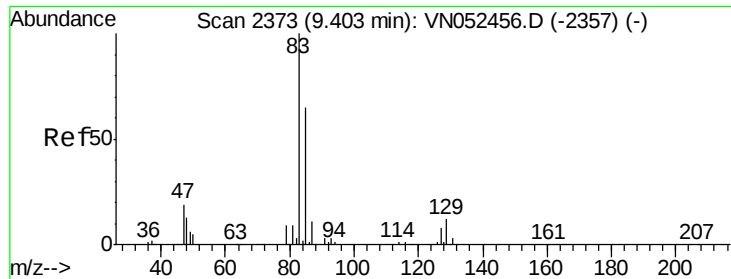
200000

100000

0

Time-->





#41

Bromodichloromethane

Concen: 11.302 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052582.D

Acq: 29 Nov 2018 23:44

Instrument :

MSVOA_N

ClientSampleId :

14B-1

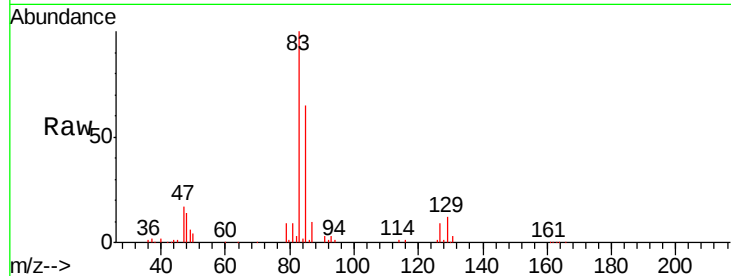
Tgt Ion: 83 Resp: 162394

Ion Ratio Lower Upper

83 100

85 65.2 52.4 78.6

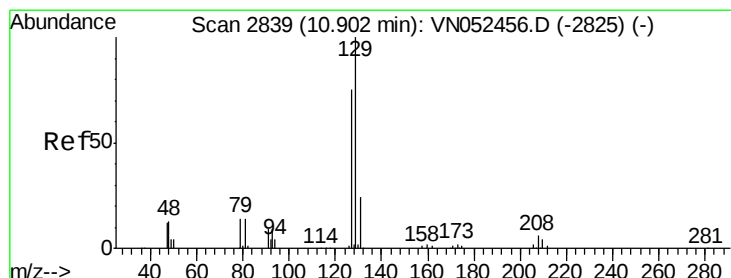
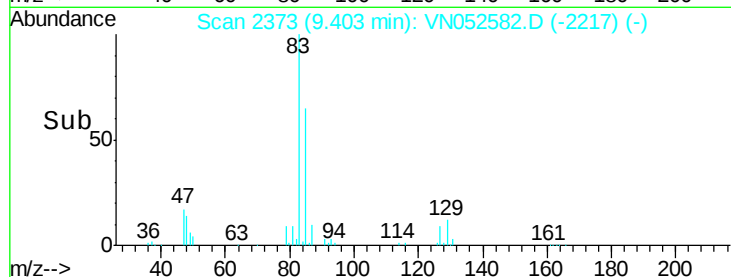
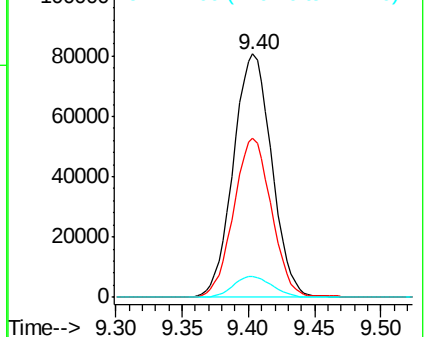
127 8.7 6.6 9.8



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: 0.734 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN052582.D

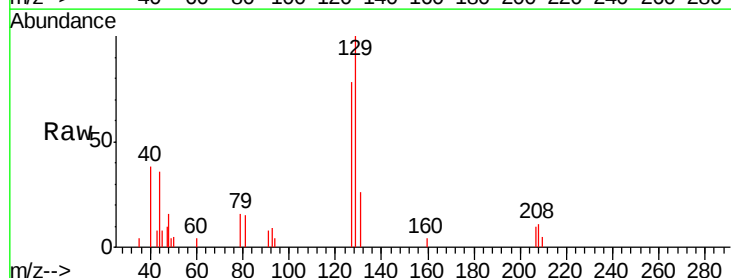
Acq: 29 Nov 2018 23:44

Tgt Ion: 129 Resp: 7449

Ion Ratio Lower Upper

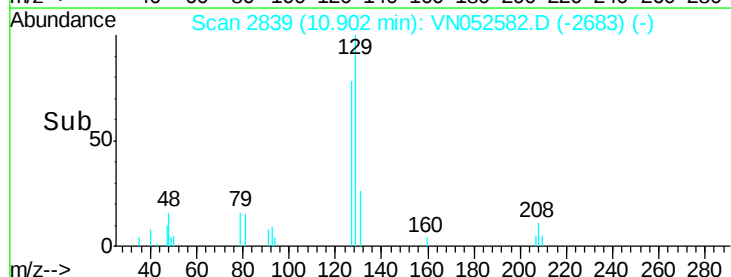
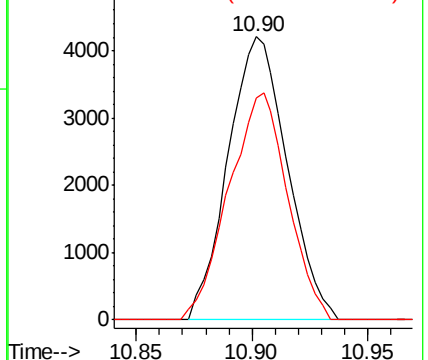
129 100

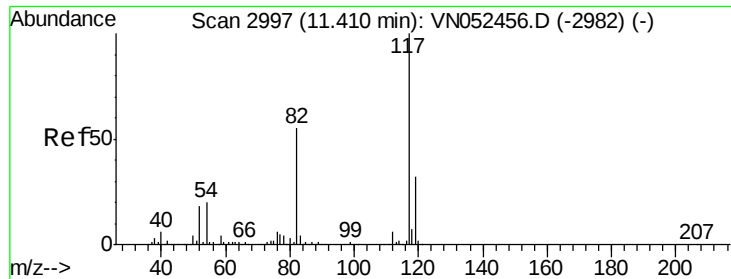
127 79.7 37.6 112.8



Abundance Ion 129.00 (128.70 to 129.70): VN0

Ion 127.00 (126.70 to 127.70): VN0

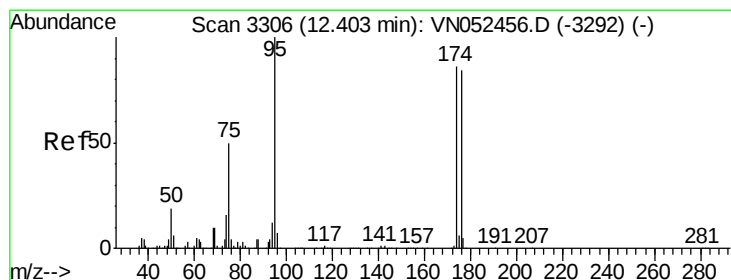
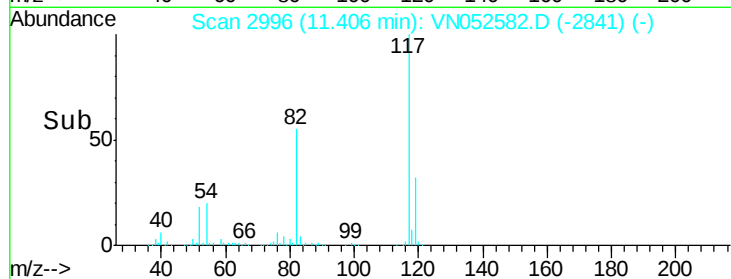
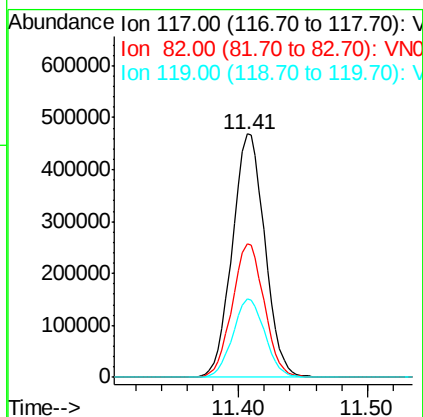
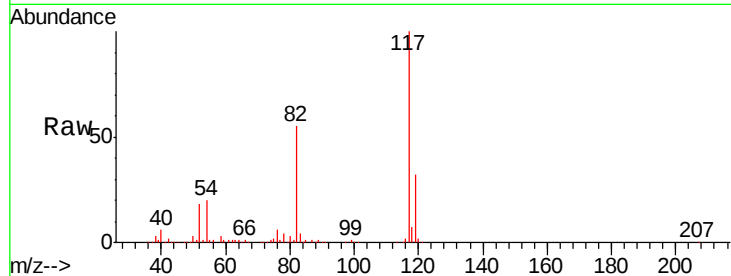




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052582.D
Acq: 29 Nov 2018 23:44

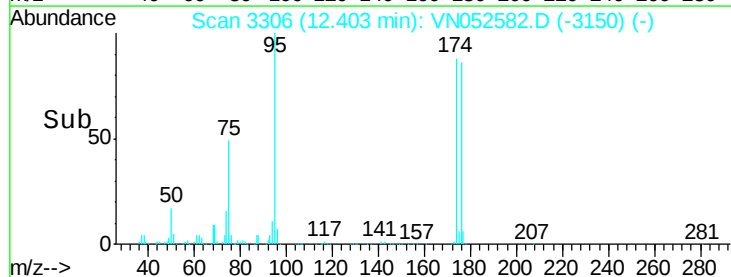
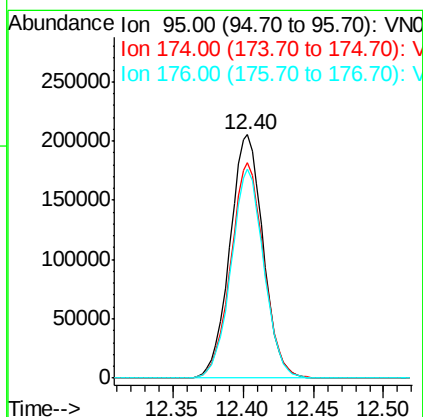
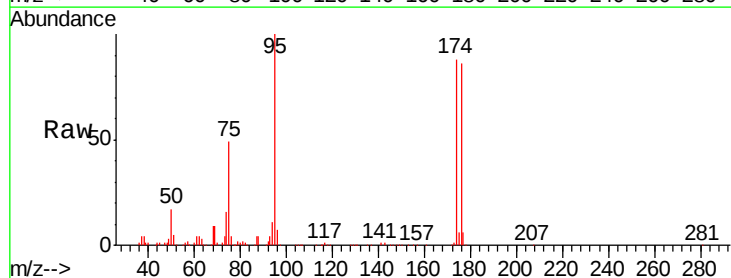
Instrument :
MSVOA_N
ClientSampled :
14B-1

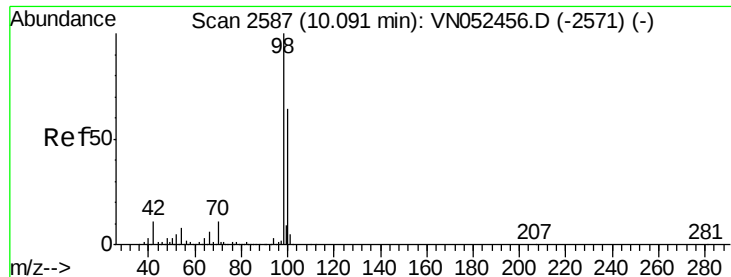
Tgt Ion: 117 Resp: 820947
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 31.9 25.4 38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052582.D
Acq: 29 Nov 2018 23:44

Tgt Ion: 95 Resp: 338879
Ion Ratio Lower Upper
95 100
174 88.0 67.9 101.9
176 84.1 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: VN052582.D

Acq: 29 Nov 2018 23:44

Instrument :

MSVOA_N

ClientSampleId :

14B-1

Tgt Ion: 98 Resp: 1135828

Ion Ratio Lower Upper

98 100

100 64.5 51.1 76.7

