

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072719\
 Data File : VN056950.D
 Acq On : 26 Jul 2019 18:46
 Operator : JC/SP
 Sample : K4015-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jul 27 01:13:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:47:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	700309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	1017615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	841074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	243597	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	335523	46.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.60%	
35) Dibromofluoromethane	7.58	113	309137	47.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.90%	
50) Toluene-d8	10.08	98	1196221	48.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.40	95	321544	39.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	79.52%	

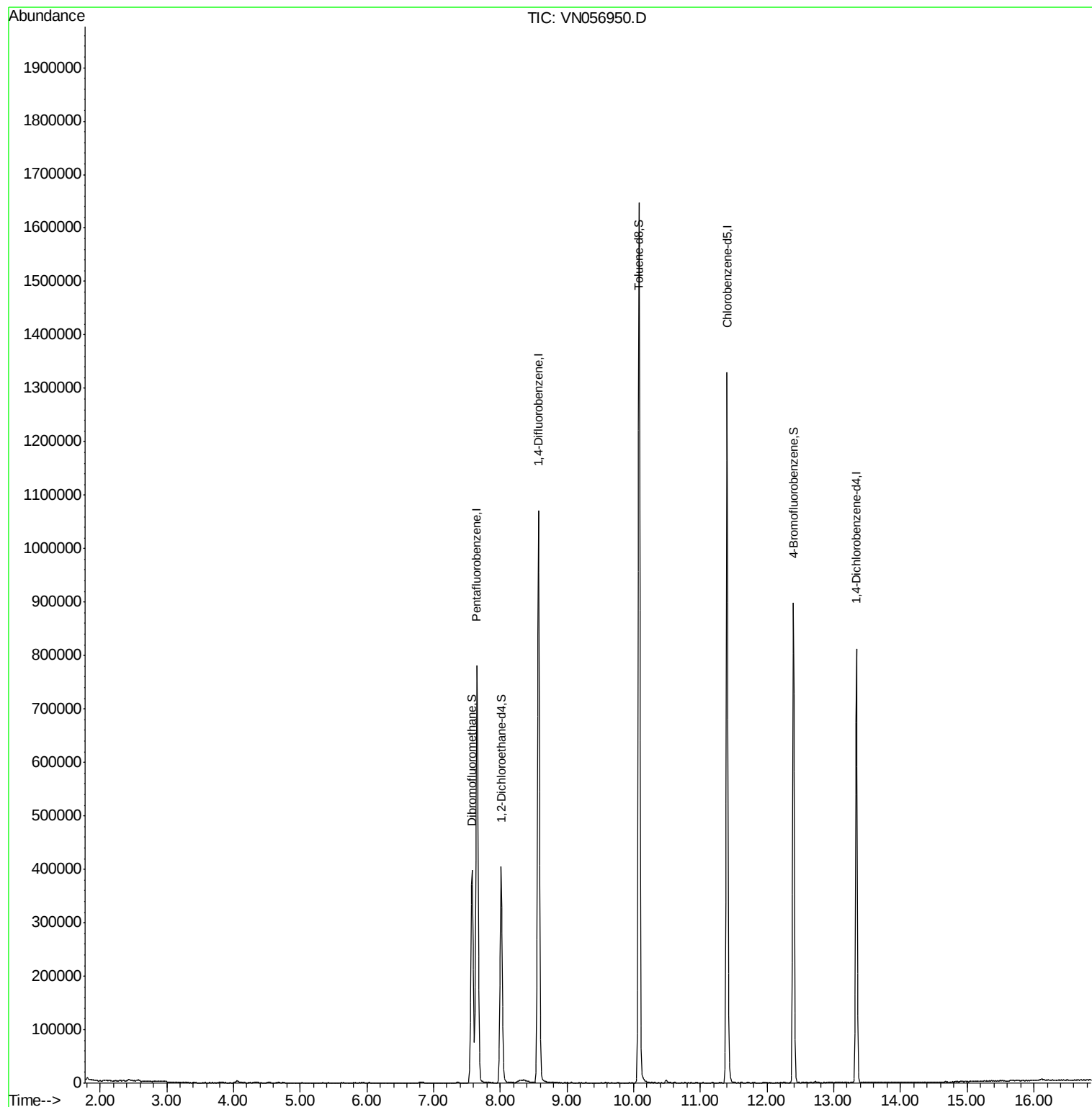
Target Compounds	Qvalue

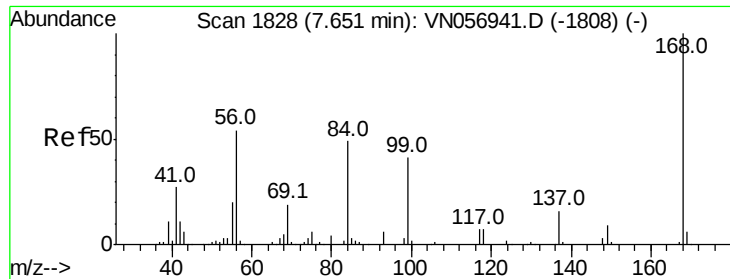
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN056950.D

Acq: 26 Jul 2019 18:46

Instrument :

MSVOA_N

ClientSampleId :

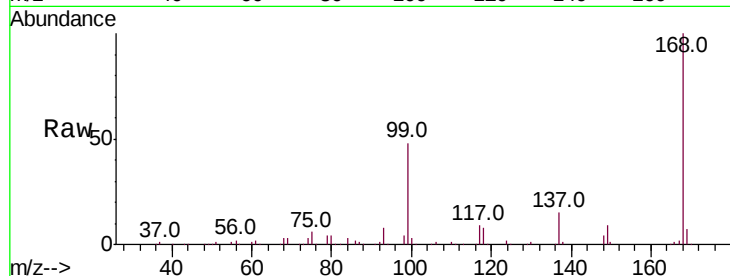
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 700309

Ion Ratio Lower Upper

168 100

99 47.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VN056941.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN056941.D (-1808) (-)

7.65

300000

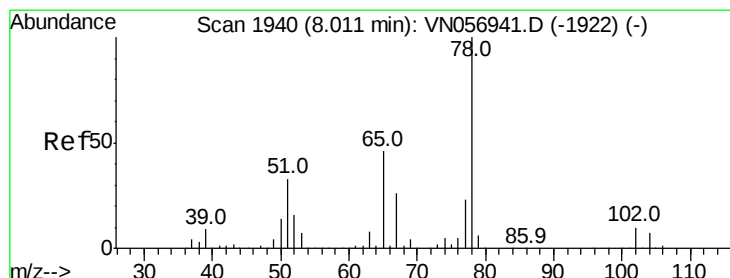
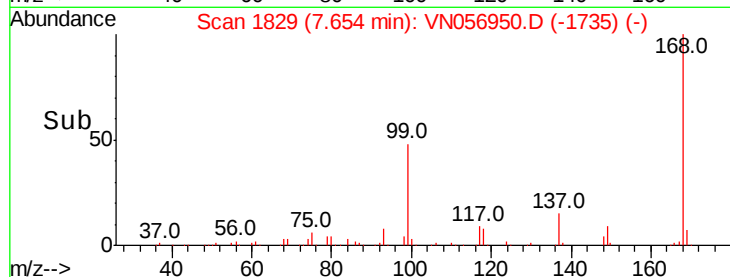
200000

100000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.804 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN056950.D

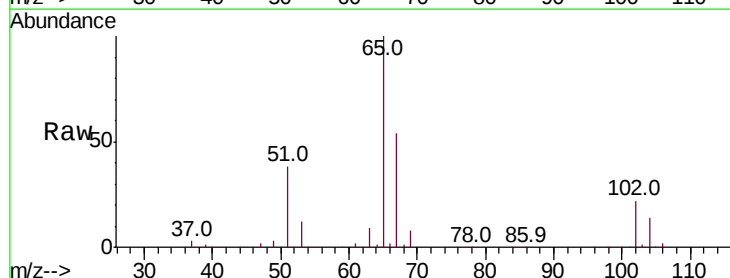
Acq: 26 Jul 2019 18:46

Tgt Ion: 65 Resp: 335523

Ion Ratio Lower Upper

65 100

67 55.8 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN056941.D (-1922) (-)

Ion 66.90 (66.60 to 67.60): VN056941.D (-1922) (-)

8.01

150000

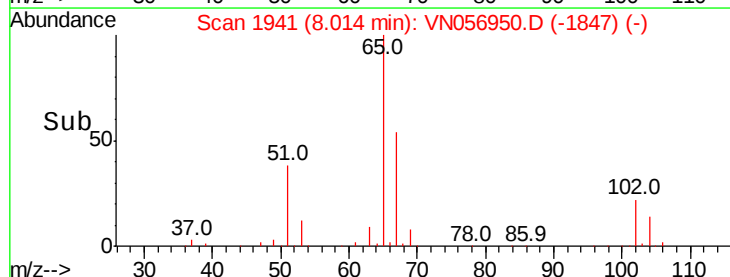
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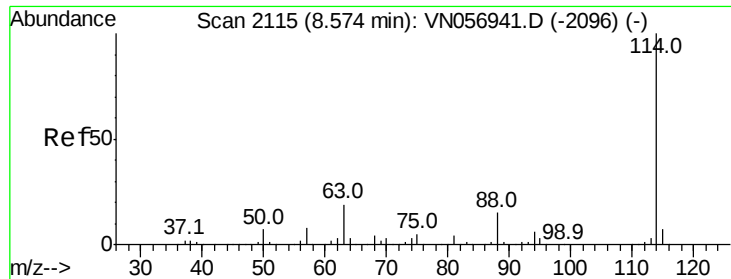
50000

0

7.90 8.00 8.10

Time-->

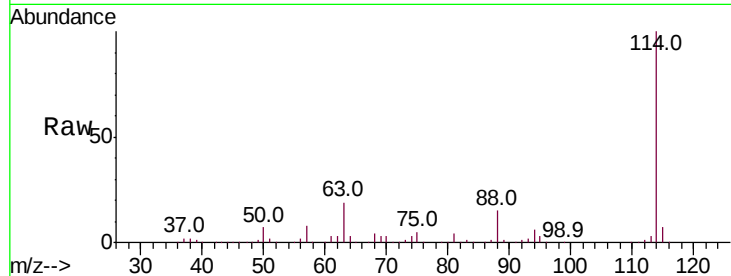




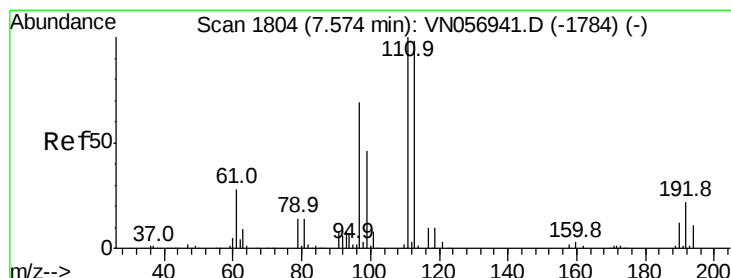
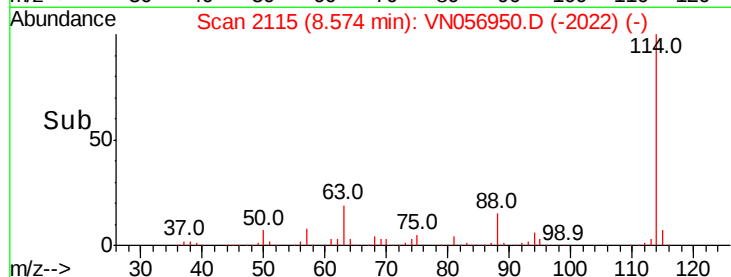
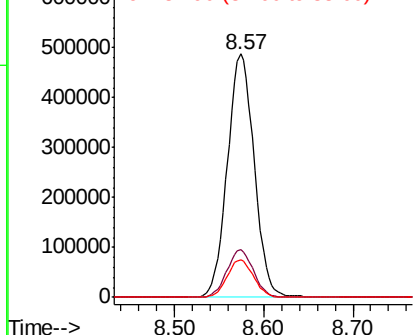
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN056950.D
 Acq: 26 Jul 2019 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Tot Ion:114 Resp: 1017615
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.0
 88 15.3 0.0 30.0

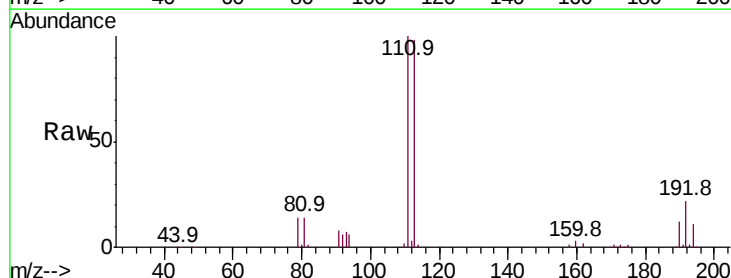


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

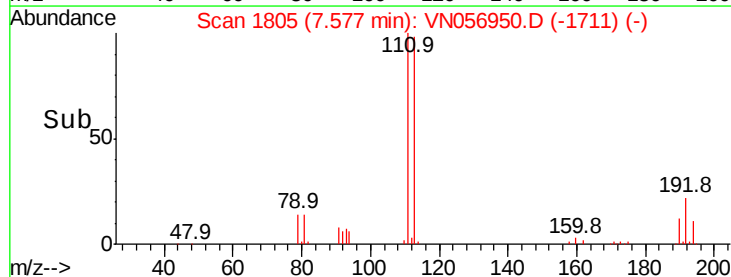
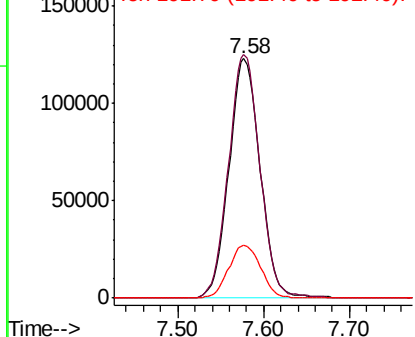


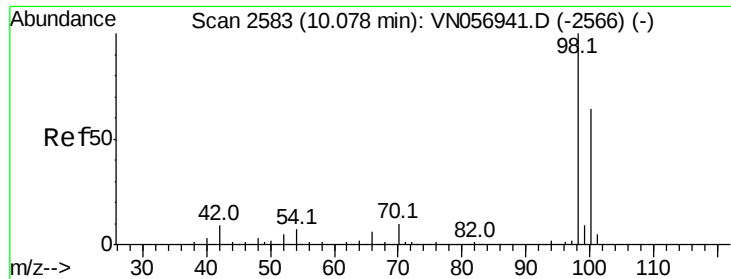
#35
 Dibromofluoromethane
 Concen: 47.454 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN056950.D
 Acq: 26 Jul 2019 18:46

Tgt Ion:113 Resp: 309137
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.0 123.0
 192 22.9 18.4 27.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.152 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN056950.D

Acq: 26 Jul 2019 18:46

Instrument :

MSVOA_N

ClientSampleId :

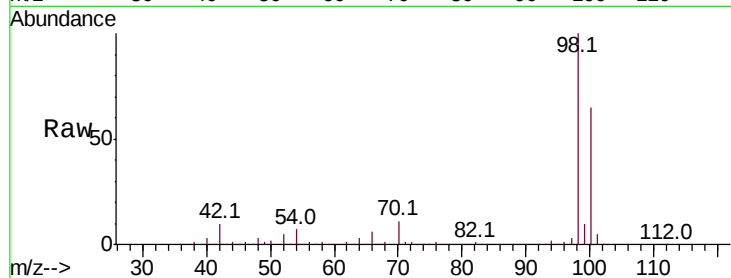
STORAGE-BLANK-WATER-REF-4

Tot Ion: 98 Resp: 1196221

Ion Ratio Lower Upper

98 100

100 64.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

600000

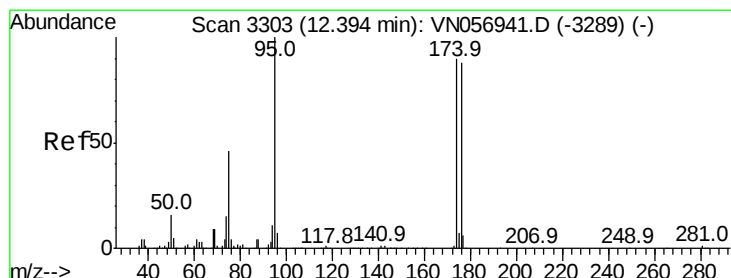
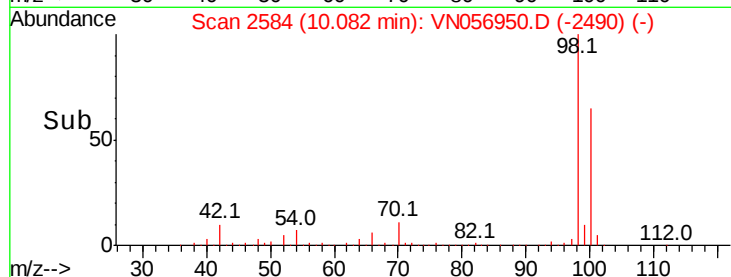
400000

200000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 39.759 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN056950.D

Acq: 26 Jul 2019 18:46

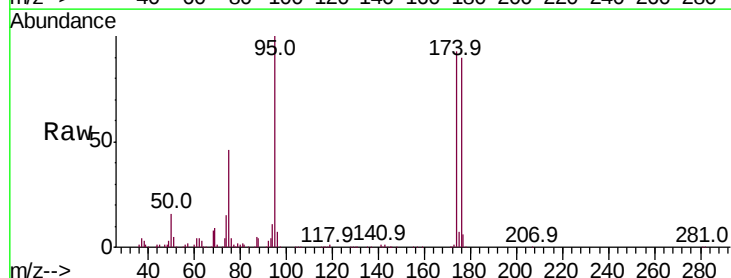
Tgt Ion: 95 Resp: 321544

Ion Ratio Lower Upper

95 100

174 91.4 0.0 182.2

176 90.1 0.0 179.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

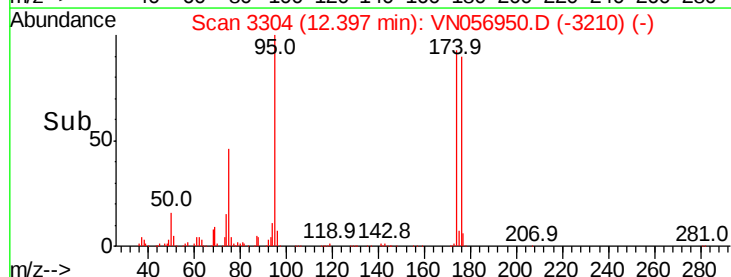
100000

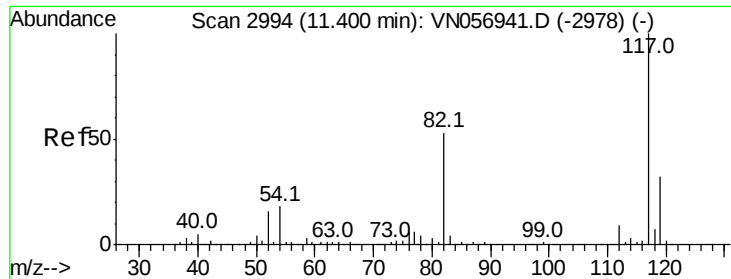
50000

0

Time-->

12.30 12.40

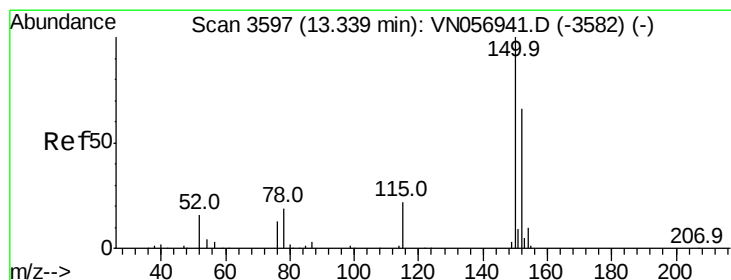
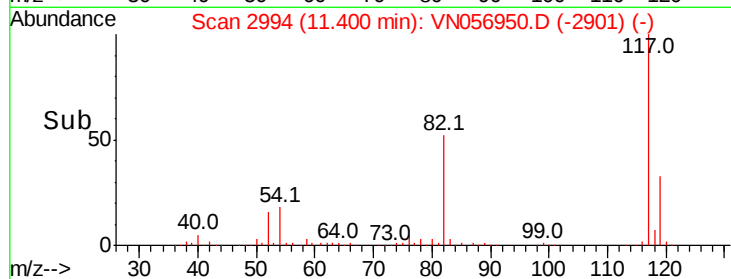
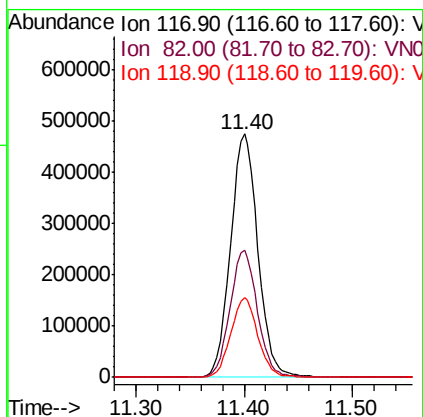
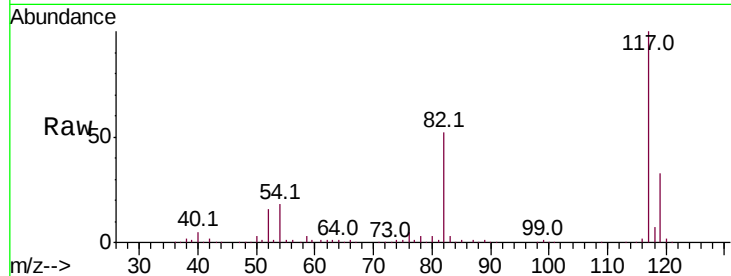




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN056950.D
Acq: 26 Jul 2019 18:46

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion:117 Resp: 841074
Ion Ratio Lower Upper
117 100
82 52.0 42.2 63.4
119 32.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN056950.D
Acq: 26 Jul 2019 18:46

Tgt Ion:152 Resp: 243597
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.6
150 157.6 0.0 349.4

