

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080219\
 Data File : VN057062.D
 Acq On : 2 Aug 2019 13:32
 Operator : JC/SP
 Sample : K4139-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Aug 03 04:55:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	546209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	788607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	639203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	157561	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	270782	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
35) Dibromofluoromethane	7.58	113	244463	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
50) Toluene-d8	10.08	98	913373	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
62) 4-Bromofluorobenzene	12.40	95	227691	36.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.66%	

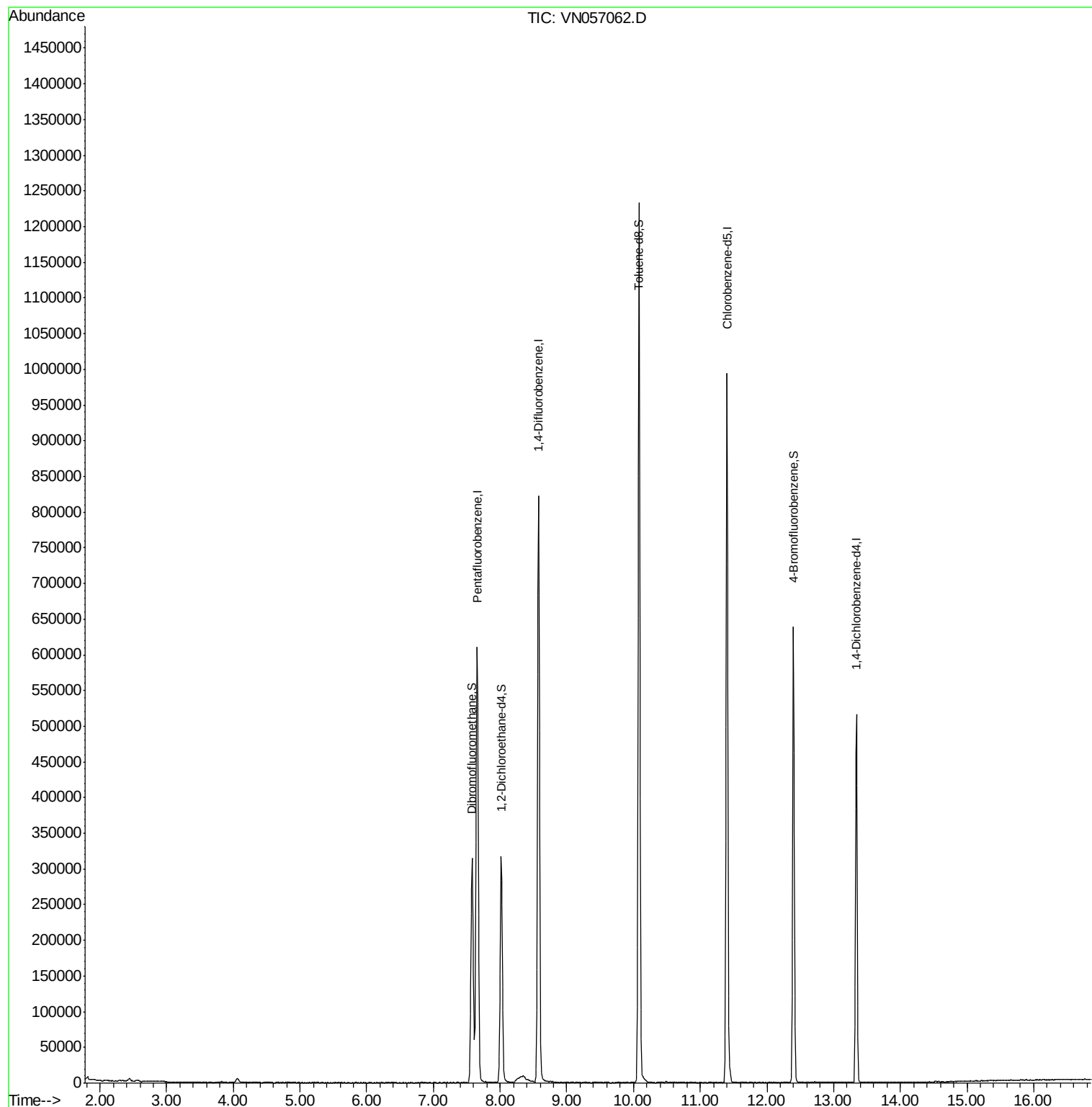
Target Compounds	Qvalue

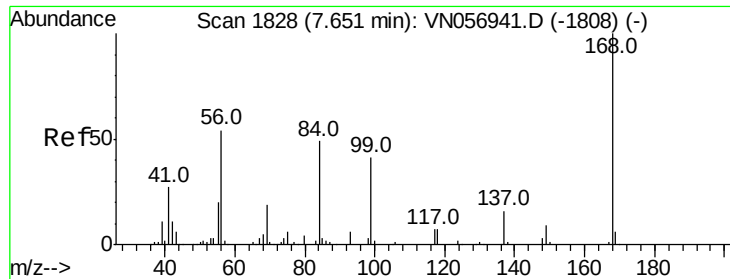
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057062.D

Acq: 2 Aug 2019 13:32

Instrument :

MSVOA_N

ClientSampleId :

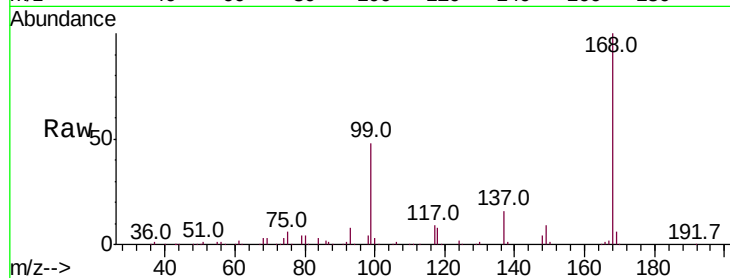
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 546209

Ion Ratio Lower Upper

168 100

99 47.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

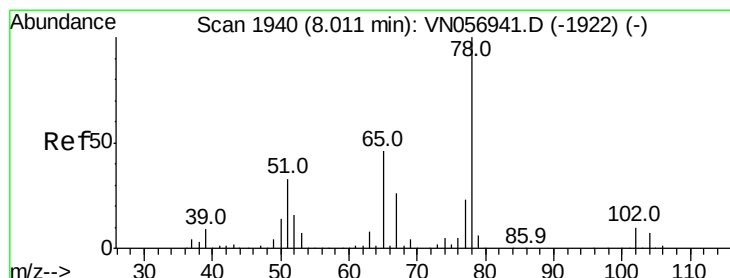
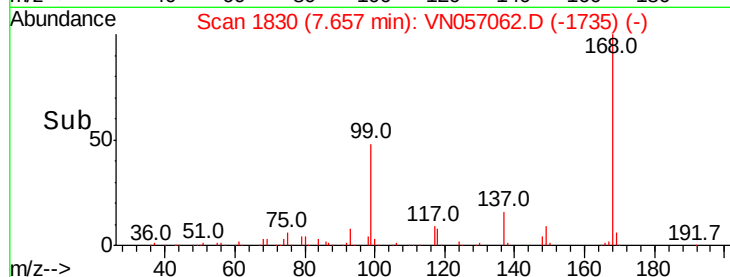
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.430 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.01 min

Lab File: VN057062.D

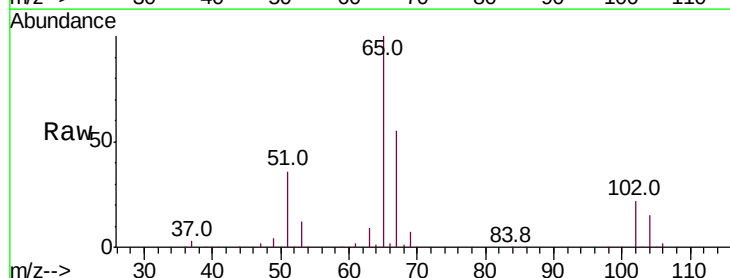
Acq: 2 Aug 2019 13:32

Tgt Ion: 65 Resp: 270782

Ion Ratio Lower Upper

65 100

67 54.6 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

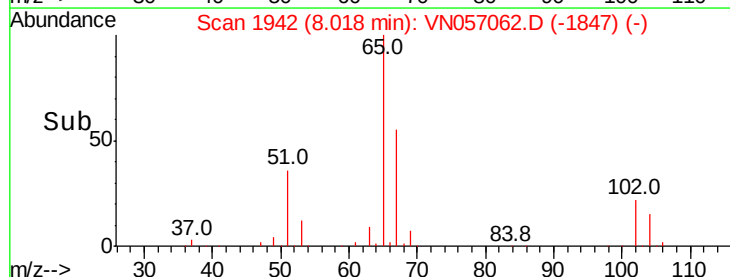
8.02

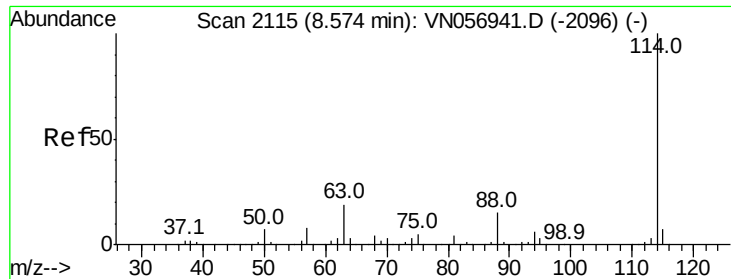
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Time-->

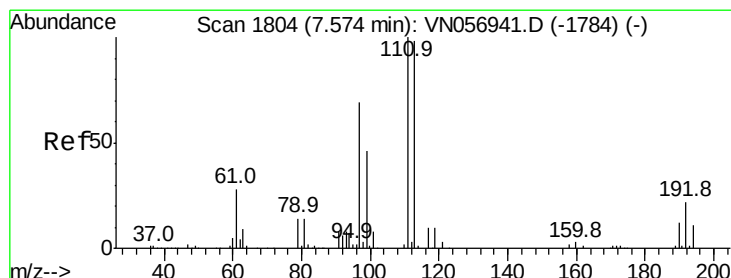
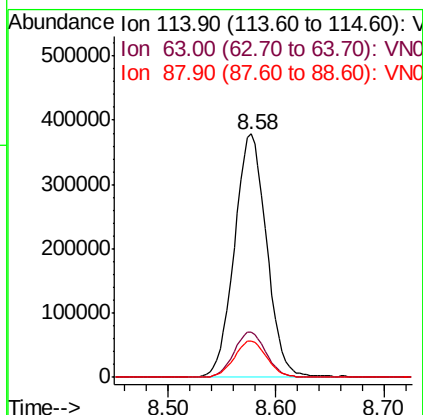
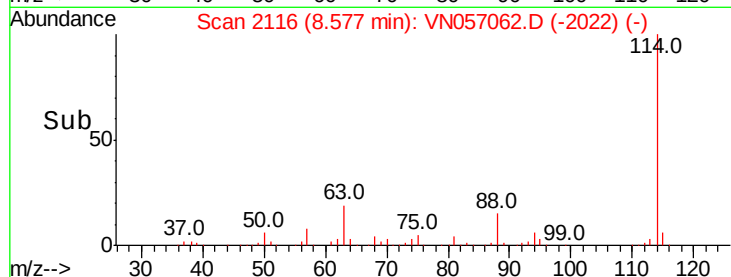
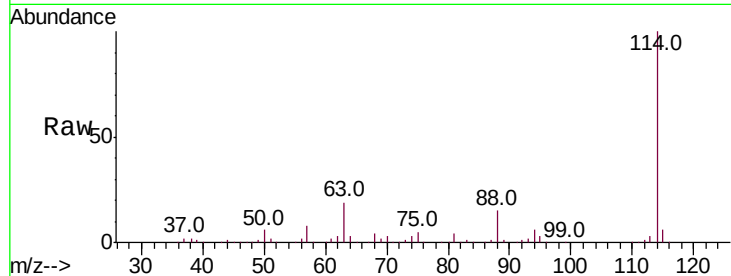




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057062.D
 Acq: 2 Aug 2019 13:32

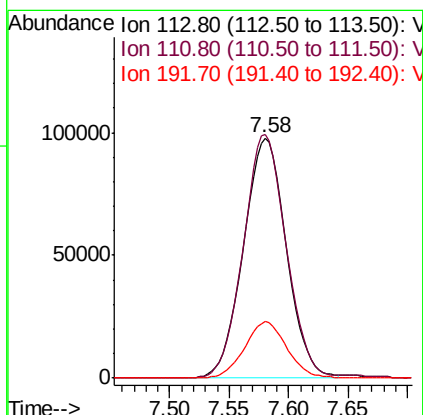
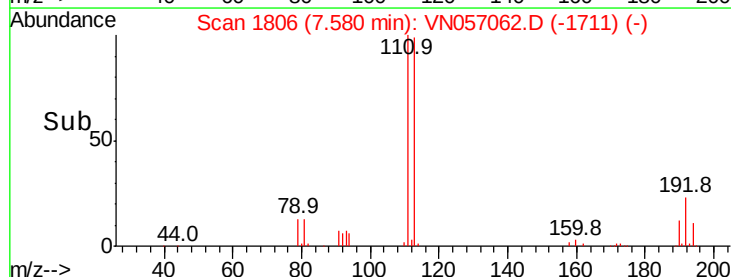
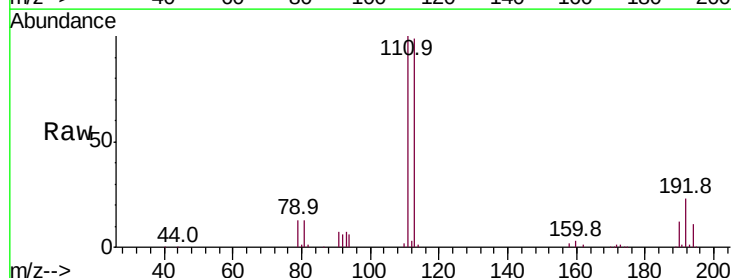
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

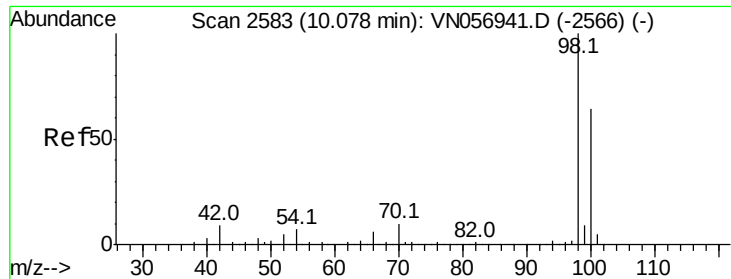
Tot Ion:114 Resp: 788607
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.0
 88 15.1 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 48.424 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057062.D
 Acq: 2 Aug 2019 13:32

Tgt Ion:113 Resp: 244463
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.0 123.0
 192 23.1 18.4 27.6

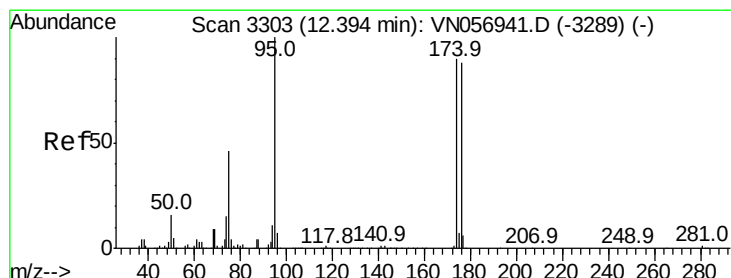
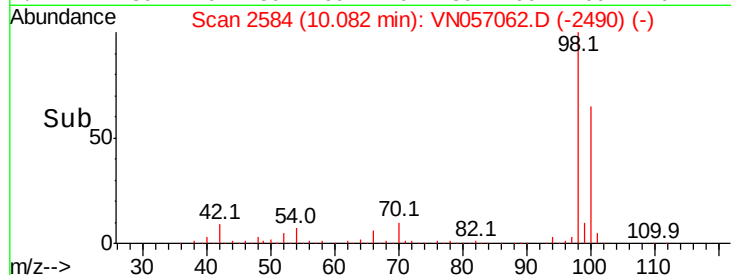
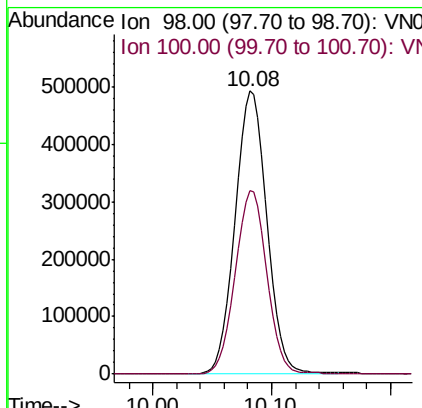
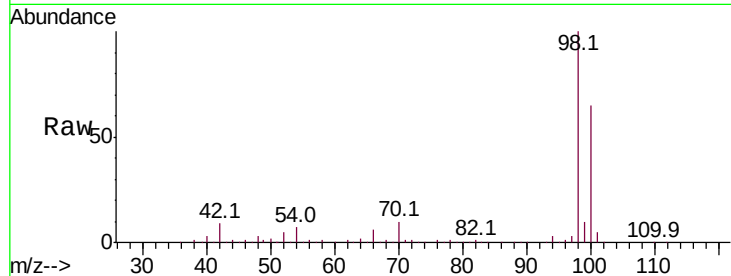




#50
Toluene-d8
Concen: 47.443 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN057062.D
Acq: 2 Aug 2019 13:32

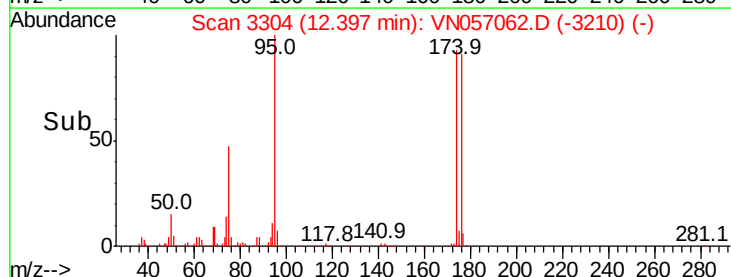
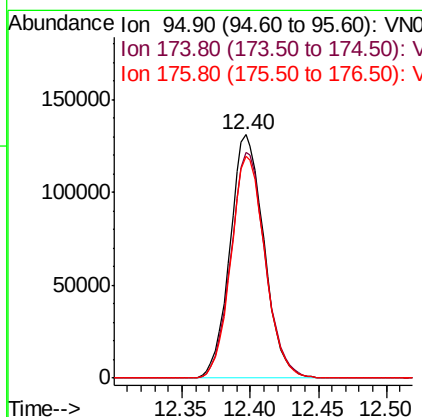
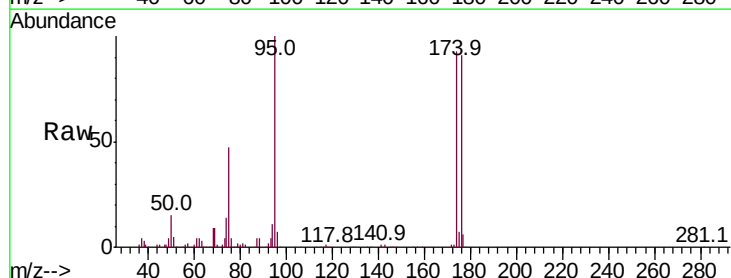
Instrument :
MSVOA_N
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STORAGE-BLANK-WATER-REF-5

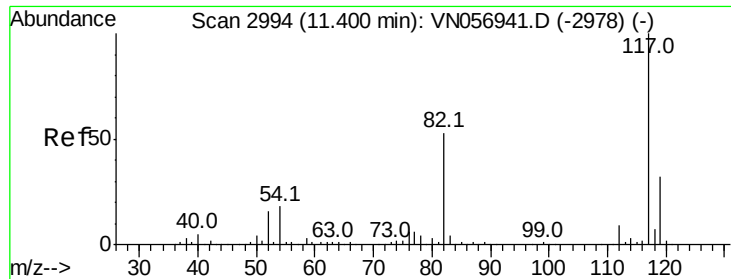
Tot Ion: 98 Resp: 913373
Ion Ratio Lower Upper
98 100
100 64.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 36.330 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057062.D
Acq: 2 Aug 2019 13:32

Tgt Ion: 95 Resp: 227691
Ion Ratio Lower Upper
95 100
174 92.8 0.0 182.2
176 91.1 0.0 179.4

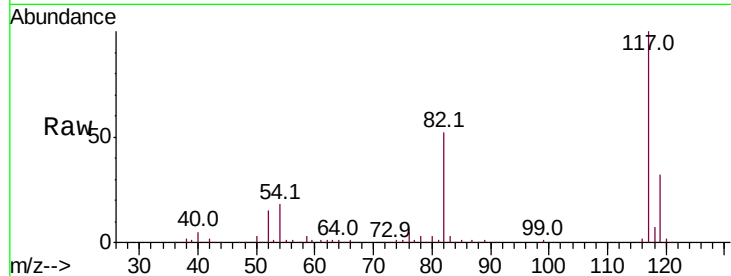




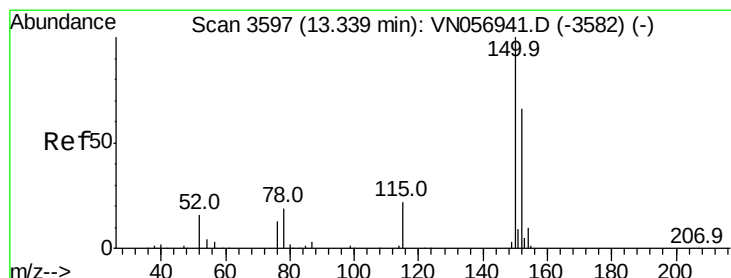
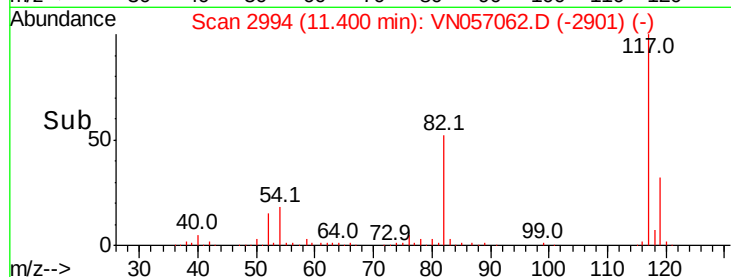
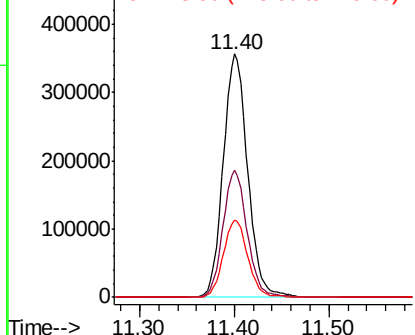
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057062.D
Acq: 2 Aug 2019 13:32

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion:117 Resp: 639203
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.4
119 31.8 25.8 38.6

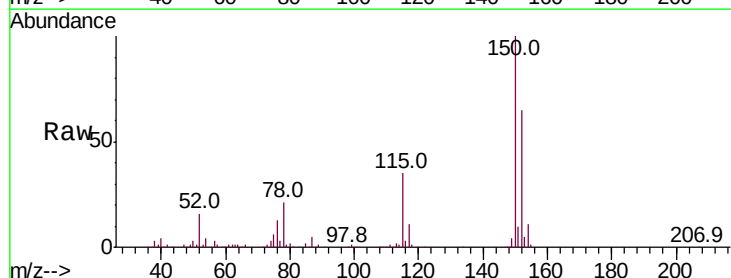


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057062.D
Acq: 2 Aug 2019 13:32

Tgt Ion:152 Resp: 157561
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.6
150 155.0 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

