

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055797.D
 Acq On : 24 May 2019 15:42
 Operator : JC/SP
 Sample : K3042-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: May 25 04:58:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	464106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	653979	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	590693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	209853	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	213579	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	
35) Dibromofluoromethane	7.59	113	197751	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
50) Toluene-d8	10.09	98	766717	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	12.40	95	249905	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	

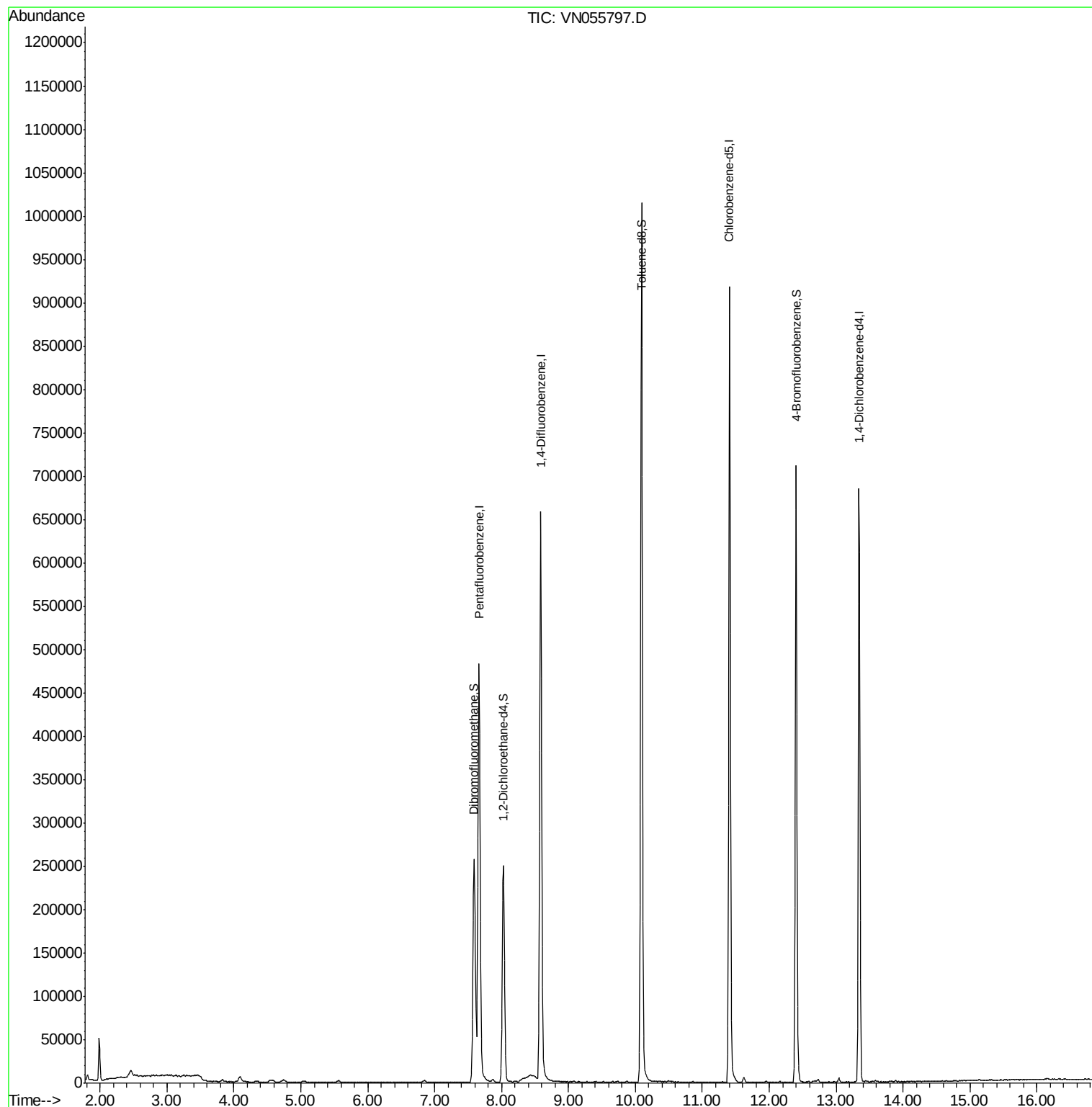
Target Compounds	Qvalue
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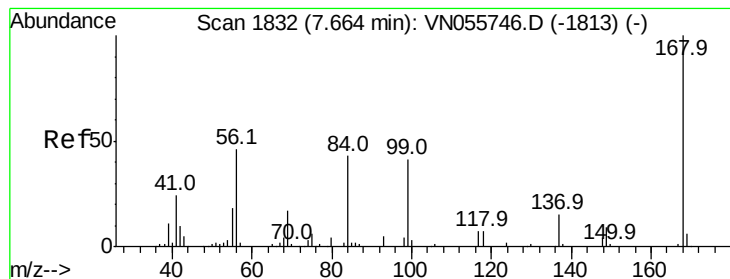
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055797.D

Acq: 24 May 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

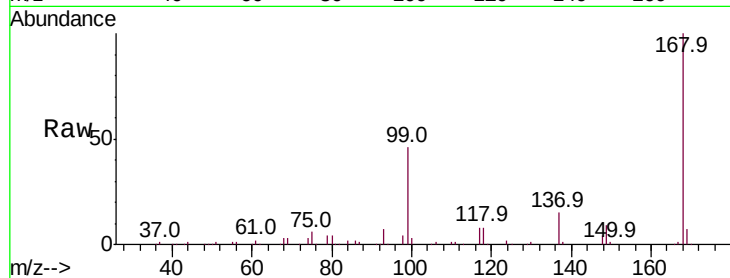
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 464106

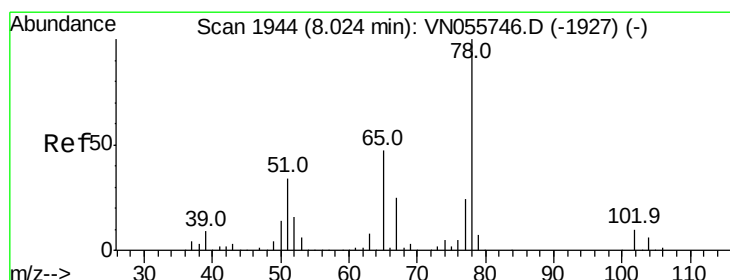
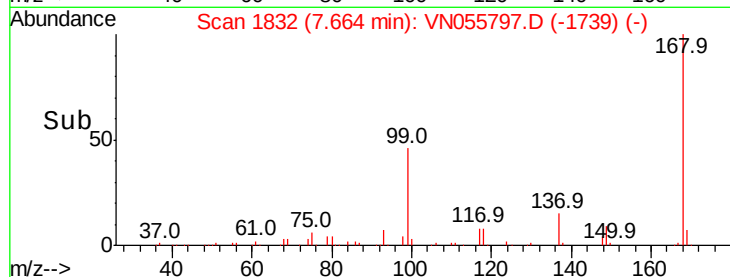
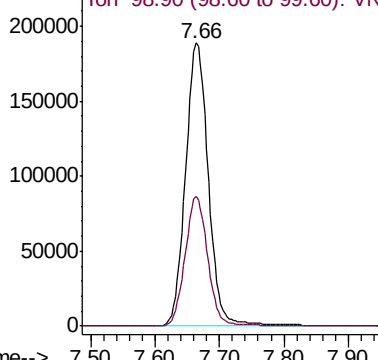
Ion Ratio Lower Upper

168 100

99 45.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055797.D (-1739) (-)



#33

1,2-Dichloroethane-d4

Concen: 44.561 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055797.D

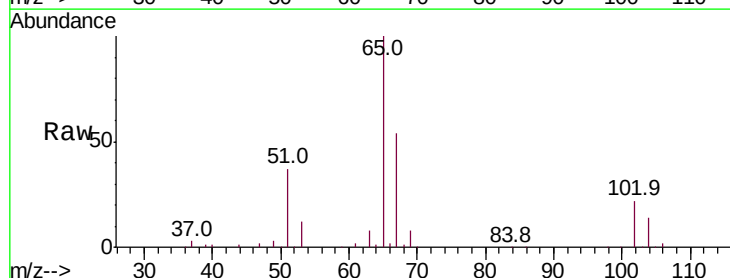
Acq: 24 May 2019 15:42

Tgt Ion: 65 Resp: 213579

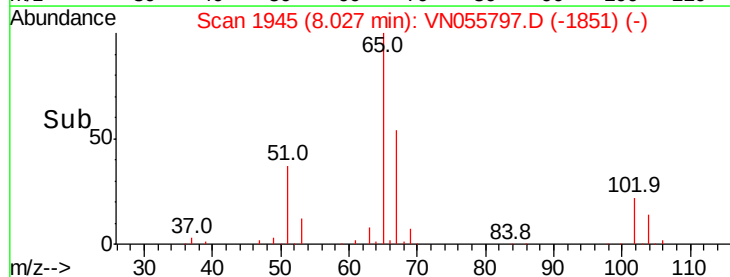
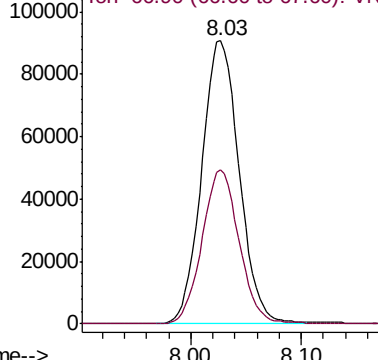
Ion Ratio Lower Upper

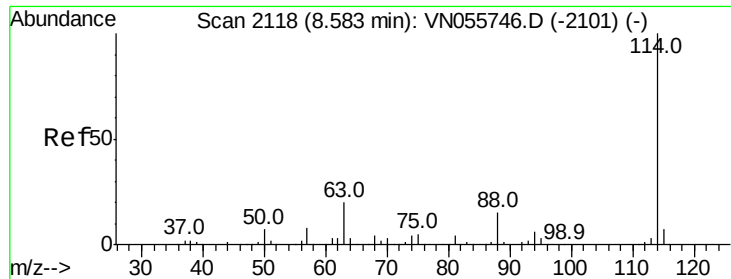
65 100

67 53.9 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055797.D (-1851) (-)



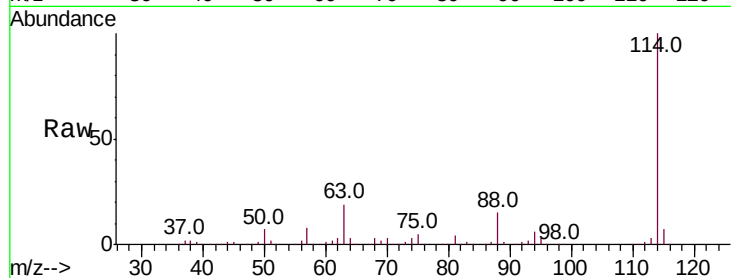


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055797.D
 Acq: 24 May 2019 15:42

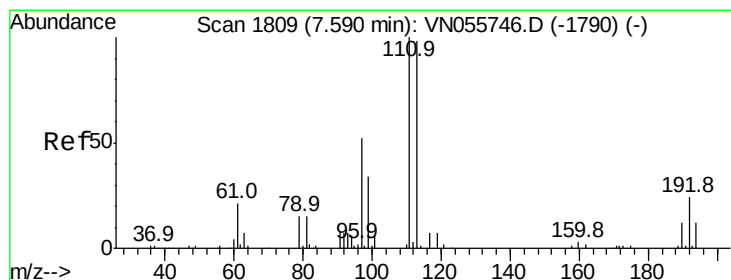
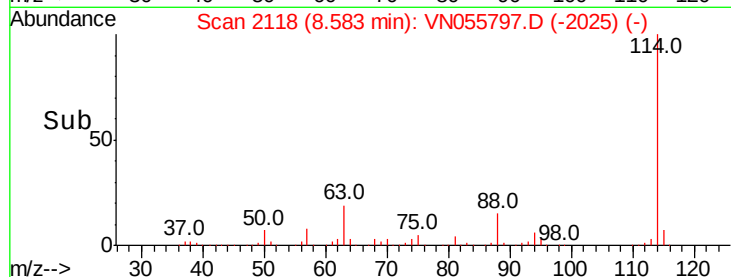
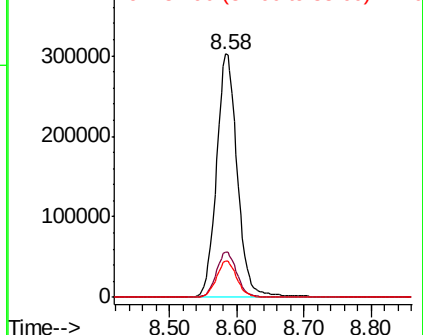
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Tot Ion:114 Resp: 653979

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	39.2
88	15.1	0.0	31.0



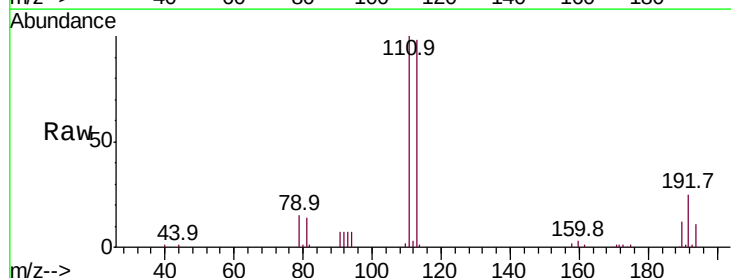
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



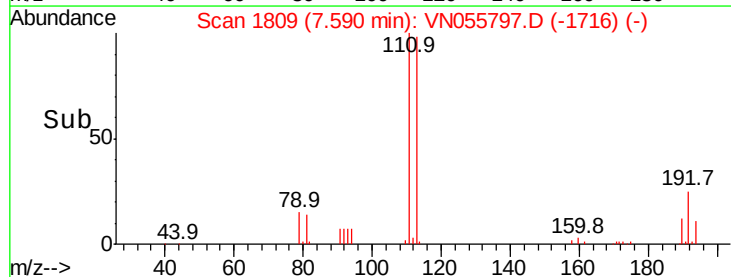
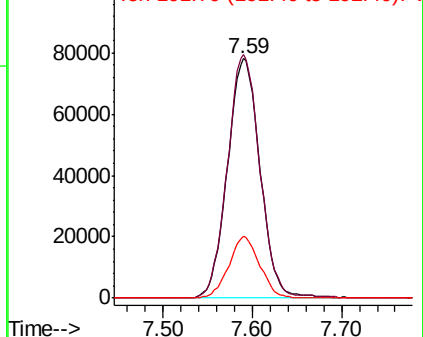
#35
 Dibromofluoromethane
 Concen: 47.827 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055797.D
 Acq: 24 May 2019 15:42

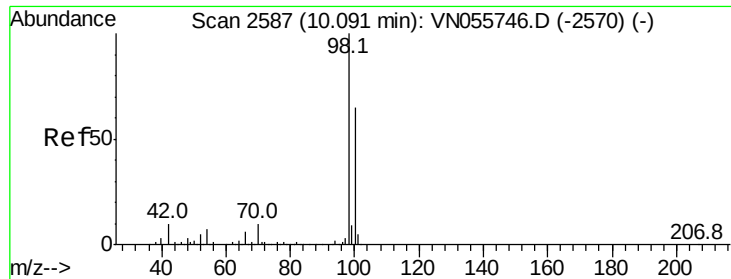
Tgt Ion:113 Resp: 197751

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	24.5	19.5	29.3



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

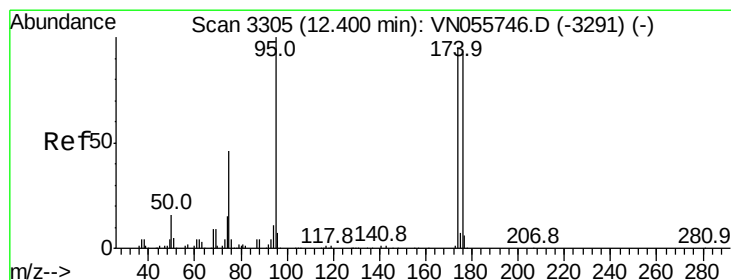
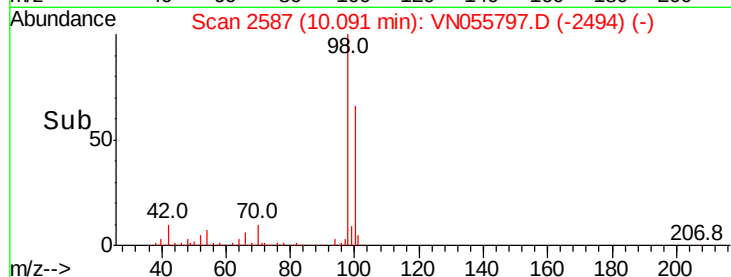
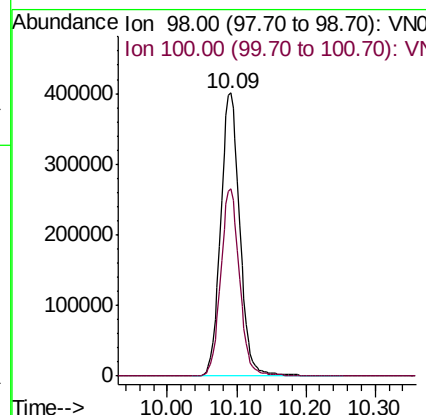
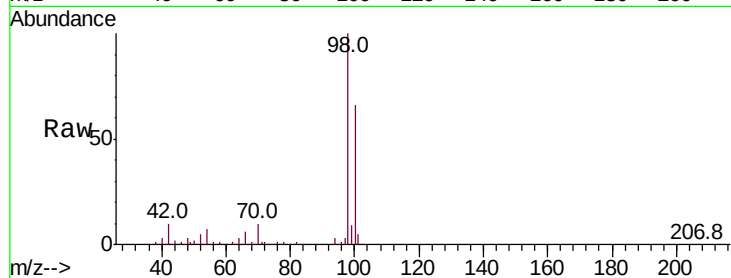




#50
Toluene-d8
Concen: 48.342 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055797.D
Acq: 24 May 2019 15:42

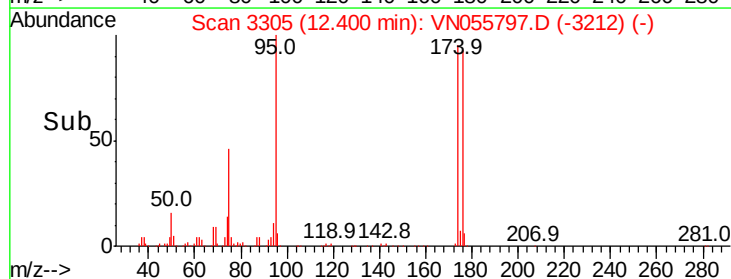
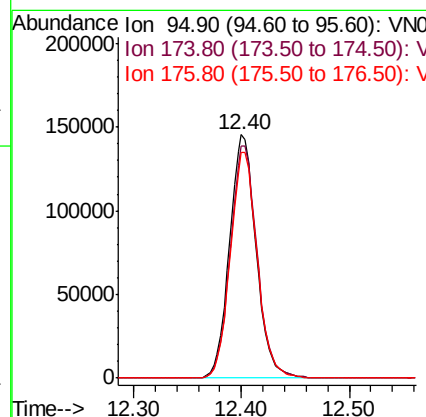
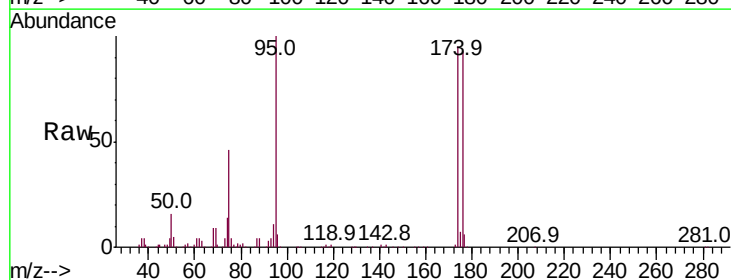
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

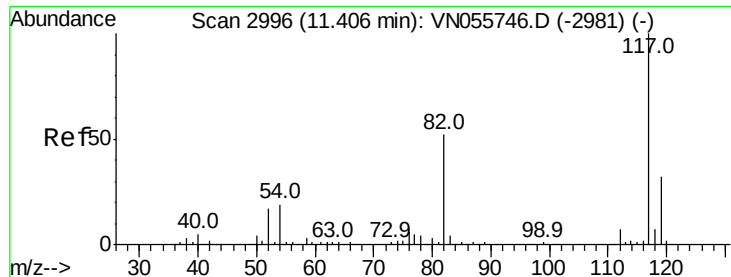
Tot Ion: 98 Resp: 766717
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.953 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055797.D
Acq: 24 May 2019 15:42

Tgt Ion: 95 Resp: 249905
Ion Ratio Lower Upper
95 100
174 96.5 0.0 191.0
176 93.8 0.0 185.2

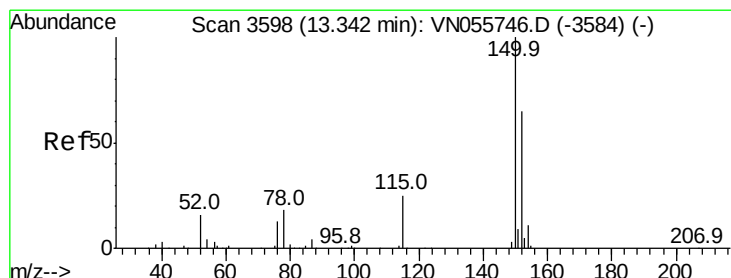
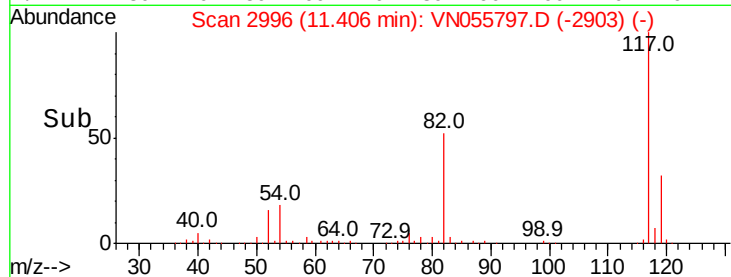
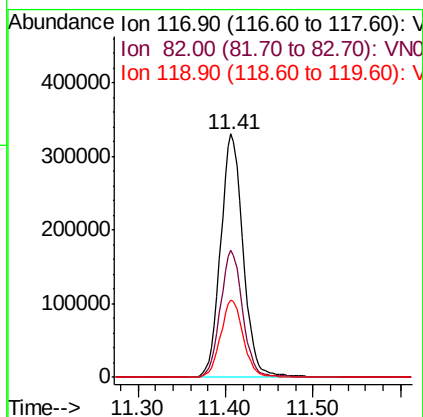
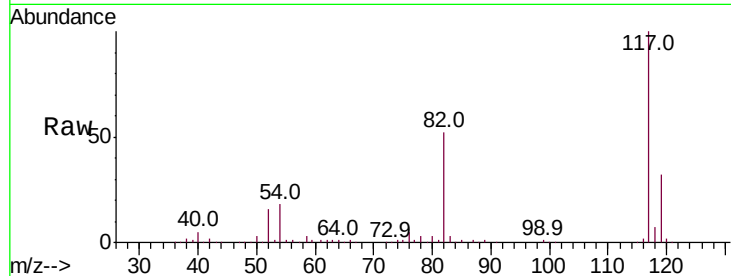




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055797.D
Acq: 24 May 2019 15:42

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

Tot Ion:117 Resp: 590693
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.8
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055797.D
Acq: 24 May 2019 15:42

Tgt Ion:152 Resp: 209853
Ion Ratio Lower Upper
152 100
115 52.7 27.0 81.0
150 156.6 0.0 343.2

