

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054399.D
 Acq On : 18 Mar 2019 17:38
 Operator : JC/SP
 Sample : K1941-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T-1

Quant Time: Mar 19 06:50:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1864474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2641467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2153838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	748205	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	881032	44.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.98%	
35) Dibromofluoromethane	7.59	113	808971	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
50) Toluene-d8	10.09	98	3019034	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	12.40	95	863923	39.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.48%	

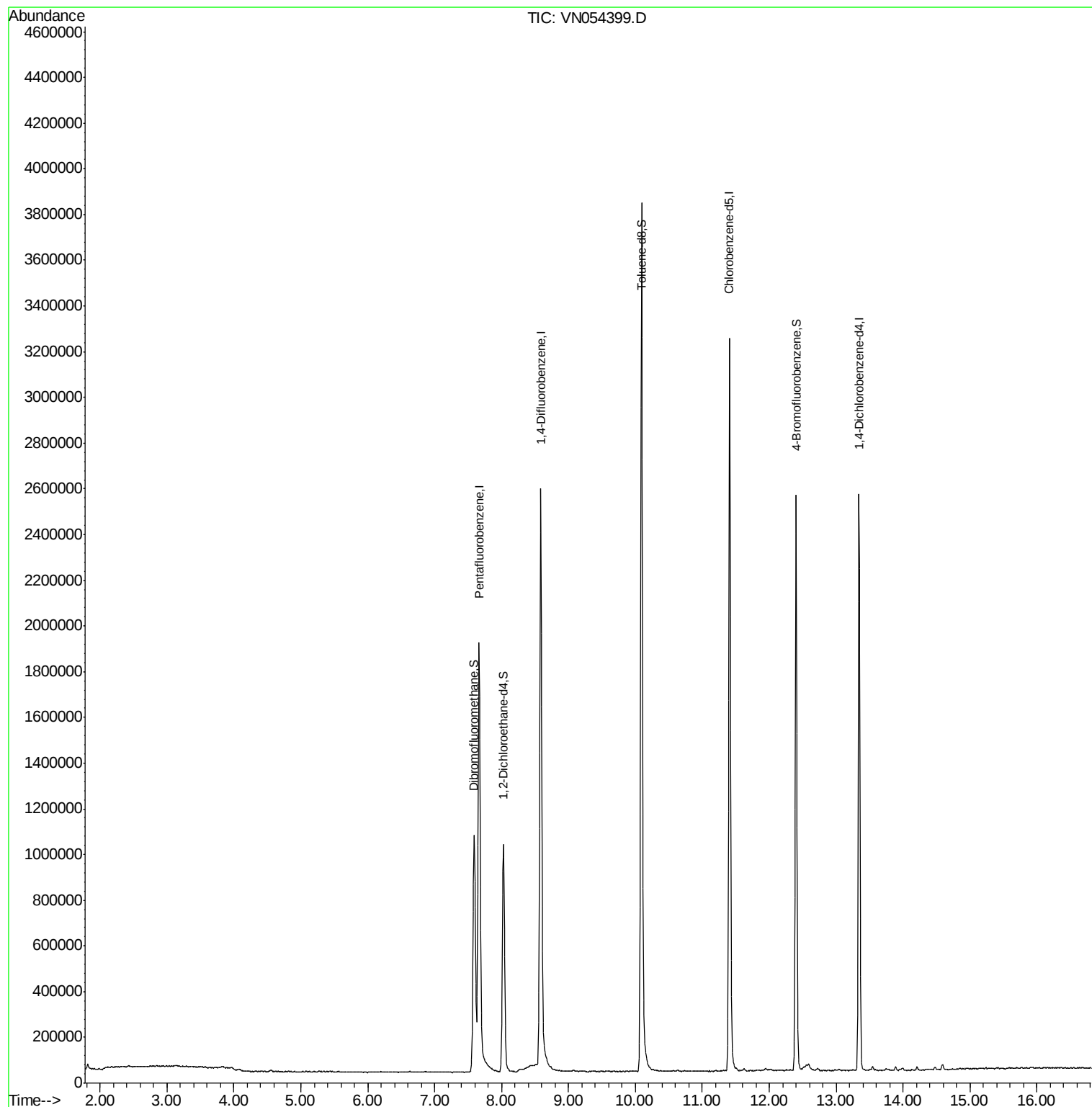
Target Compounds	Qvalue

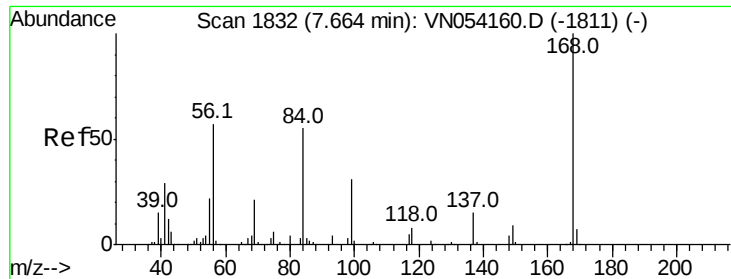
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054399.D

Acq: 18 Mar 2019 17:38

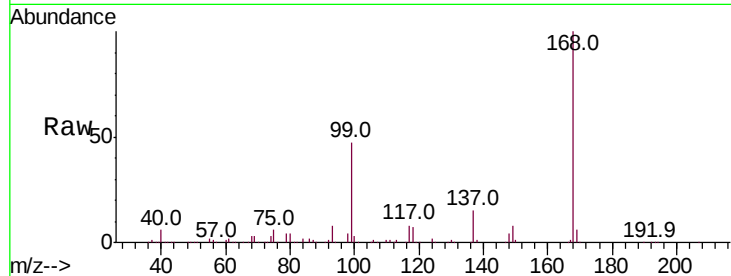
Instrument :
MSVOA_N
ClientSampled :
T-1

Tot Ion:168 Resp: 1864474

Ion Ratio Lower Upper

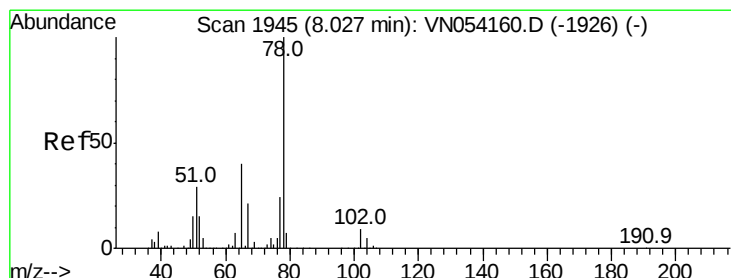
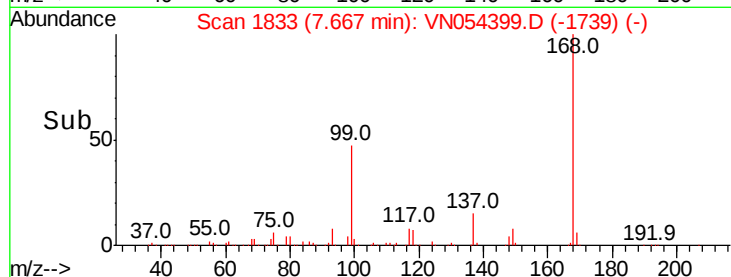
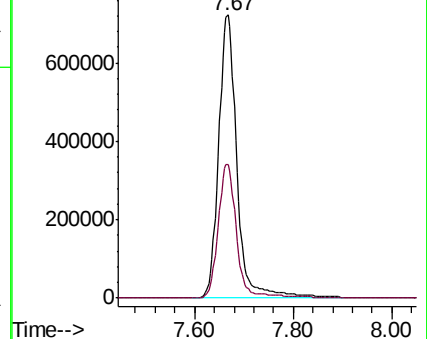
168 100

99 47.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 44.495 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054399.D

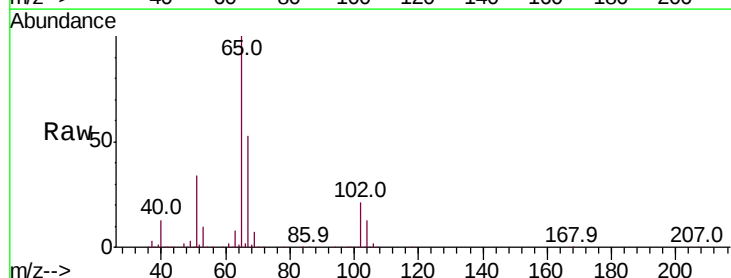
Acq: 18 Mar 2019 17:38

Tgt Ion: 65 Resp: 881032

Ion Ratio Lower Upper

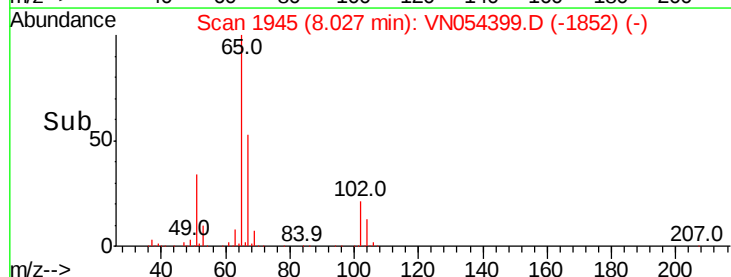
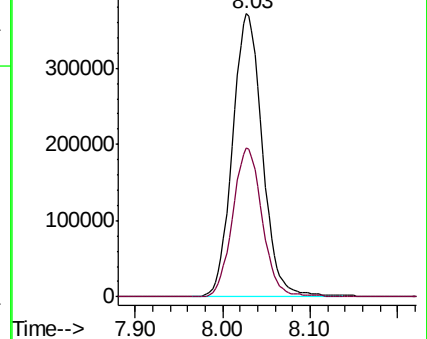
65 100

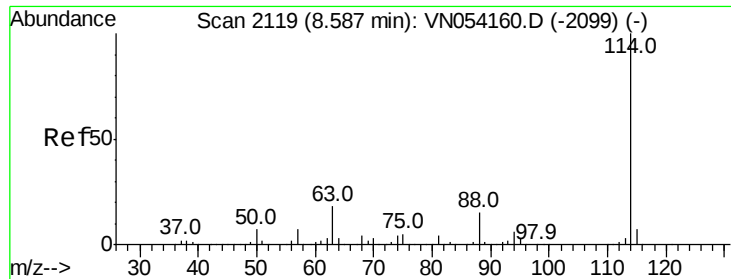
67 52.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

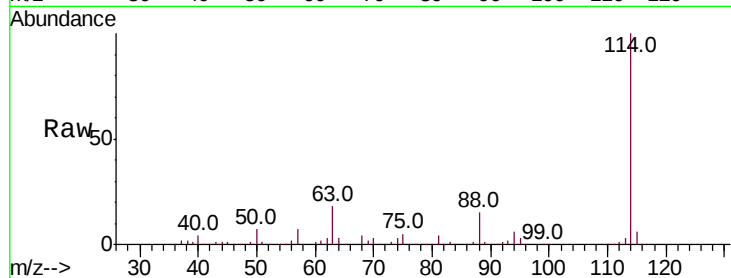




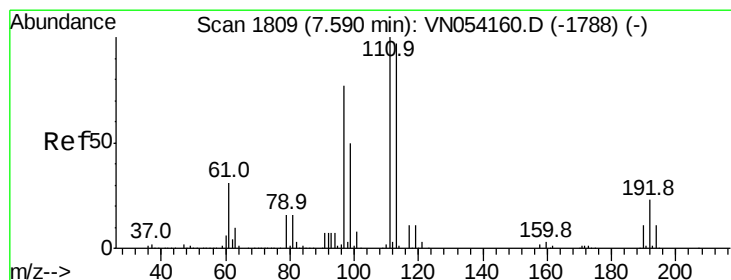
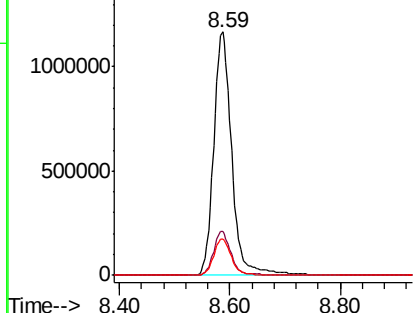
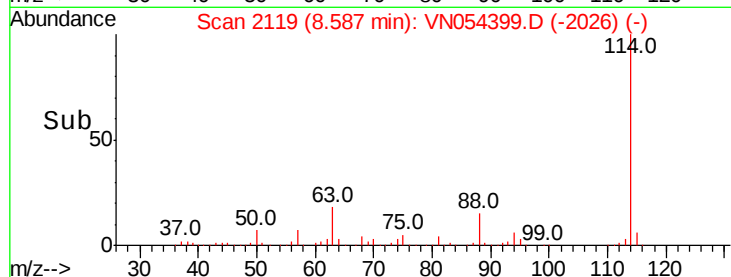
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054399.D
 Acq: 18 Mar 2019 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 T-1

Tot Ion:114 Resp: 2641467
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.2
 88 14.9 0.0 30.2

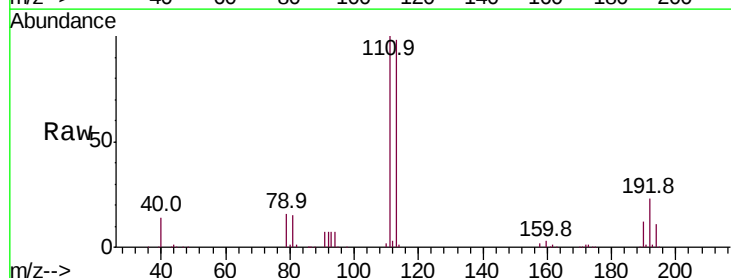


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

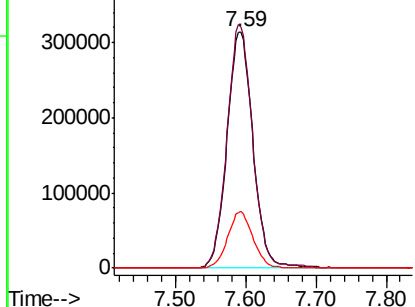
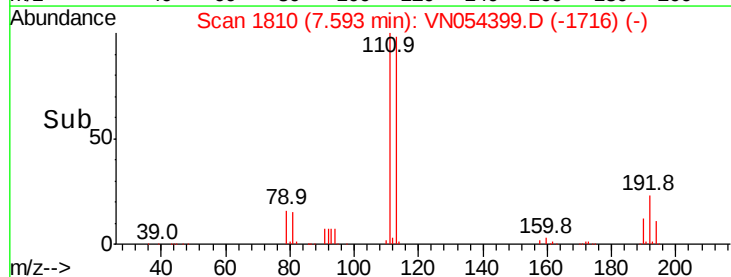


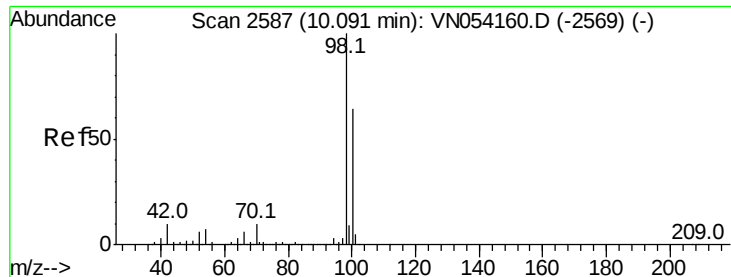
#35
 Dibromofluoromethane
 Concen: 47.485 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054399.D
 Acq: 18 Mar 2019 17:38

Tgt Ion:113 Resp: 808971
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.2 123.4
 192 23.3 19.2 28.8



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: 47.984 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054399.D

Acq: 18 Mar 2019 17:38

Instrument :

MSVOA_N

ClientSampleId :

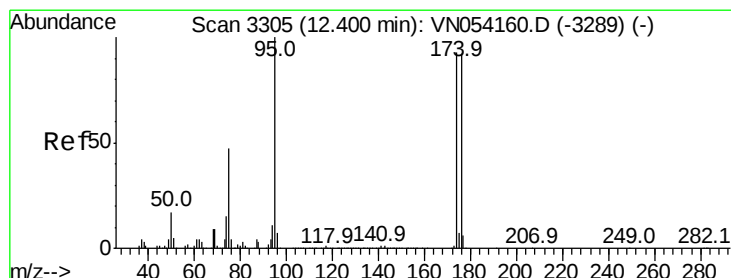
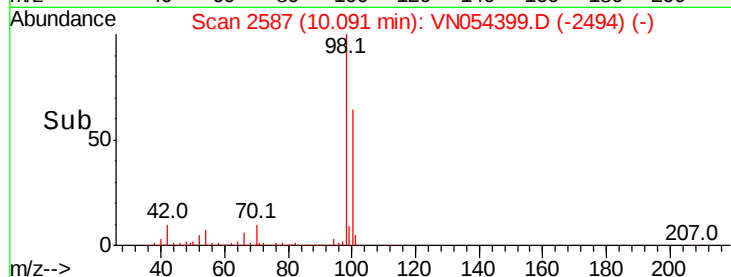
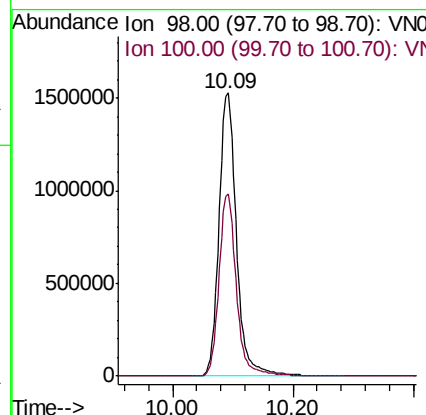
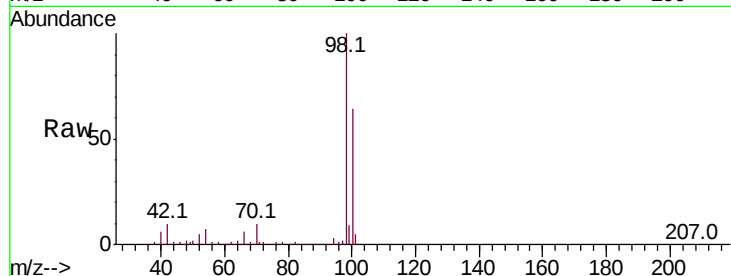
T-1

Tot Ion: 98 Resp: 3019034

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 39.242 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054399.D

Acq: 18 Mar 2019 17:38

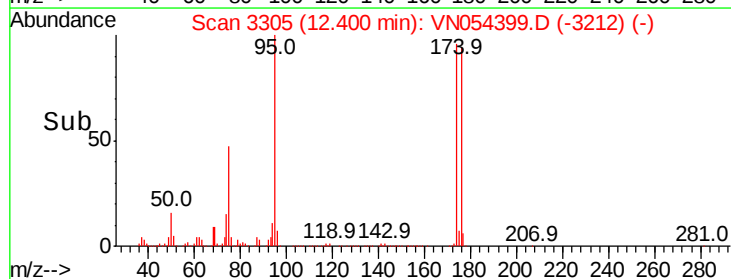
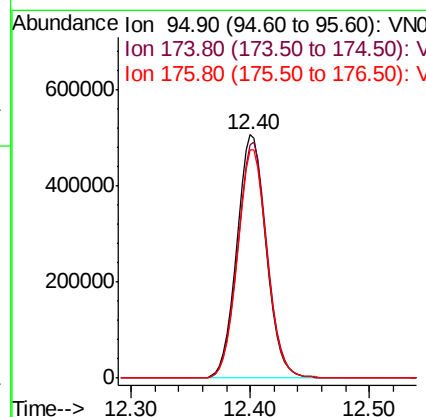
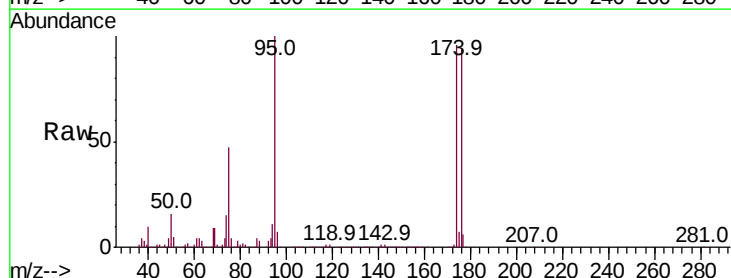
Tgt Ion: 95 Resp: 863923

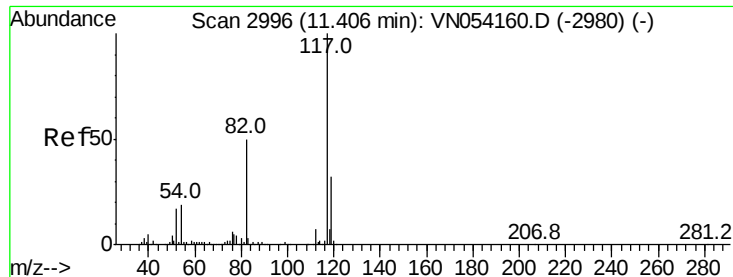
Ion Ratio Lower Upper

95 100

174 97.6 0.0 191.0

176 94.4 0.0 187.4

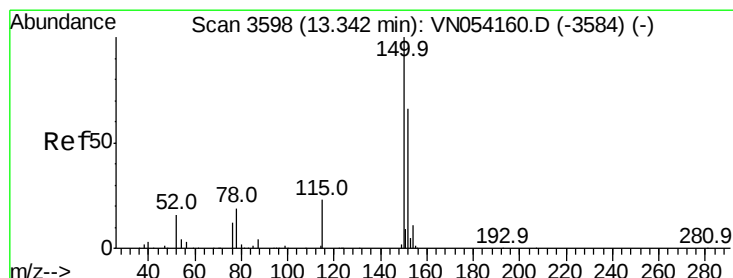
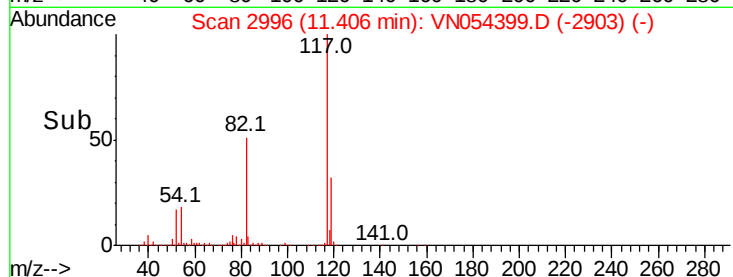
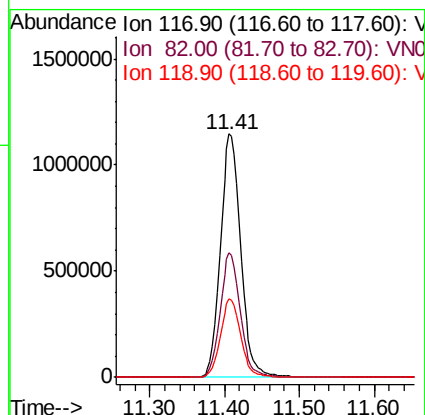
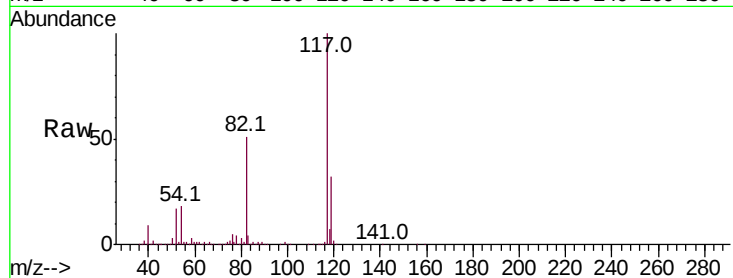




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054399.D
Acq: 18 Mar 2019 17:38

Instrument :
MSVOA_N
ClientSampleId :
T-1

Tot Ion:117 Resp: 2153838
Ion Ratio Lower Upper
117 100
82 51.2 40.0 60.0
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054399.D
Acq: 18 Mar 2019 17:38

Tgt Ion:152 Resp: 748205
Ion Ratio Lower Upper
152 100
115 54.9 27.2 81.6
150 156.1 0.0 349.2

