

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054353.D
 Acq On : 16 Mar 2019 22:41
 Operator : JC/SP
 Sample : K1938-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 W-1

Quant Time: Mar 18 07:52:52 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

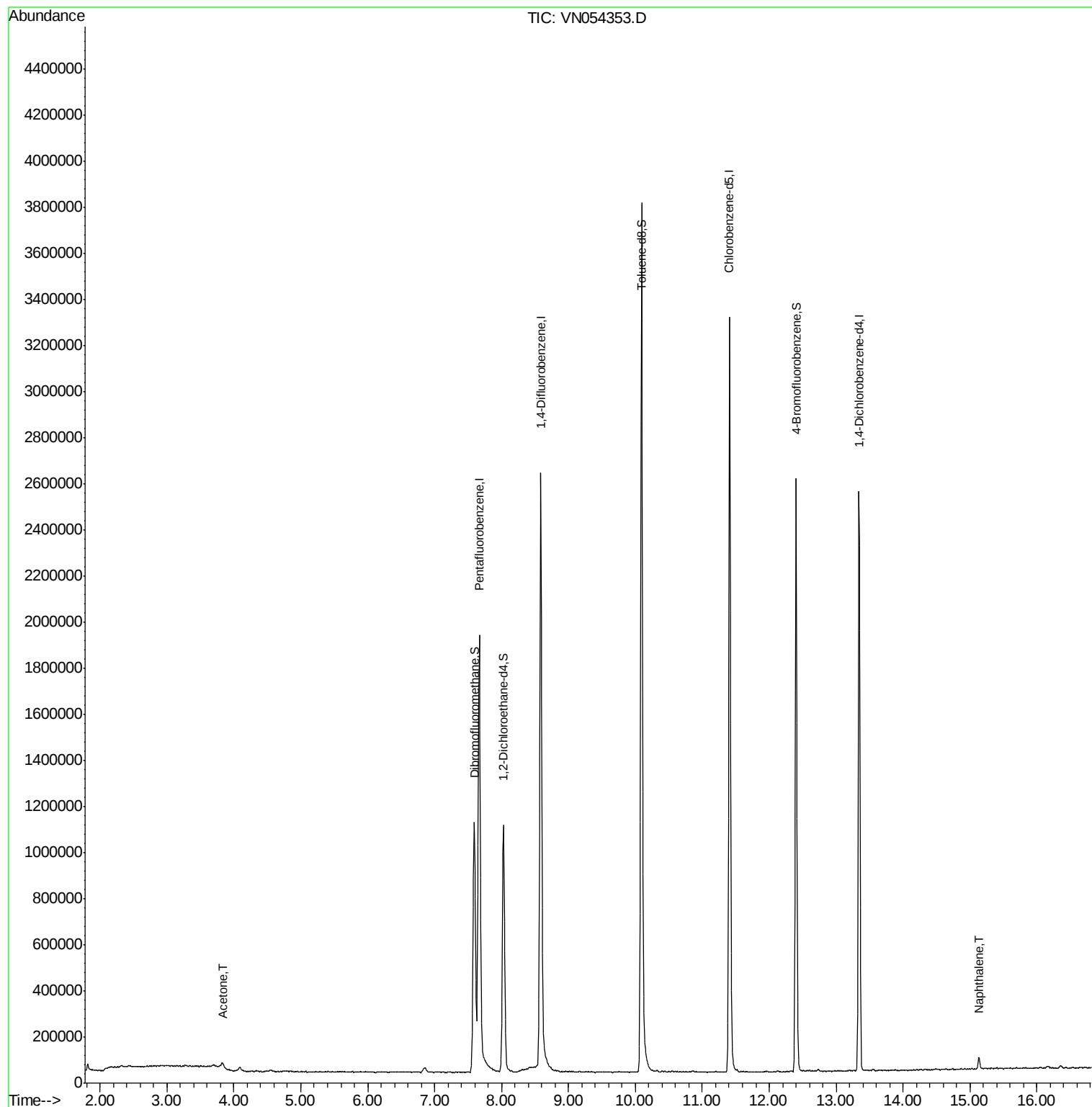
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1861828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2667406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2166763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	753553	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	935828	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
35) Dibromofluoromethane	7.59	113	817467	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
50) Toluene-d8	10.09	98	3004762	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
62) 4-Bromofluorobenzene	12.40	95	874338	39.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.66%	
Target Compounds						
16) Acetone	3.82	43	30530	5.393	ug/l	90
95) Naphthalene	15.13	128	46698	4.785	ug/l	100

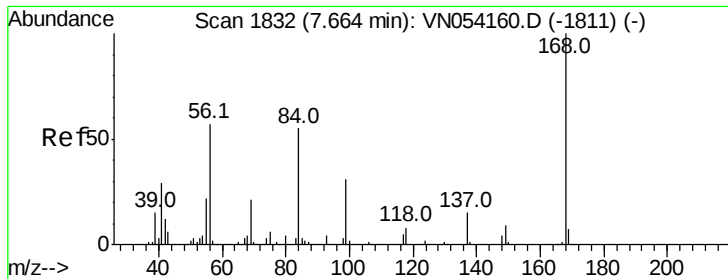
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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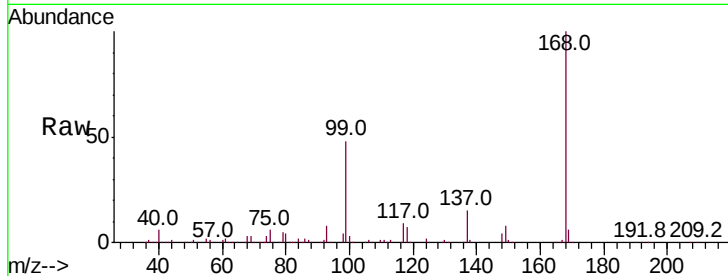


#1

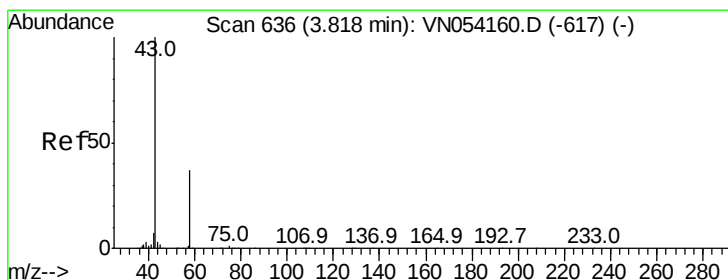
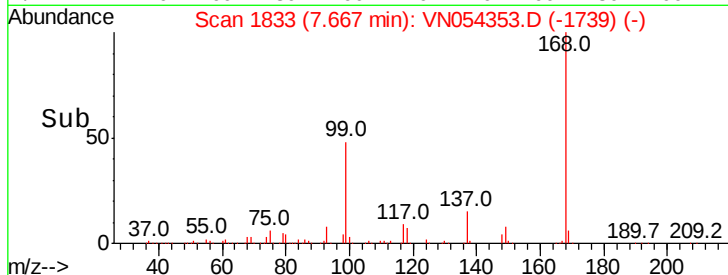
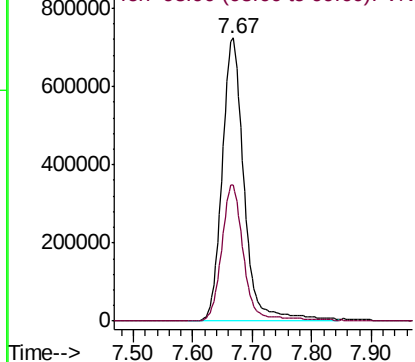
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VN054353.D
 Acq: 16 Mar 2019 22:41

Instrument :
 MSVOA_N
 ClientSampled :
 W-1

Tot Ion:168 Resp: 1861828
 Ion Ratio Lower Upper
 168 100
 99 48.0 37.1 55.7



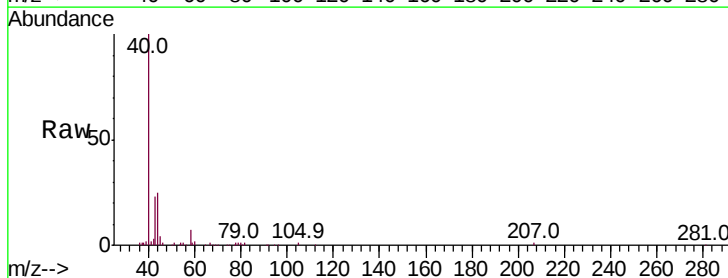
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VN



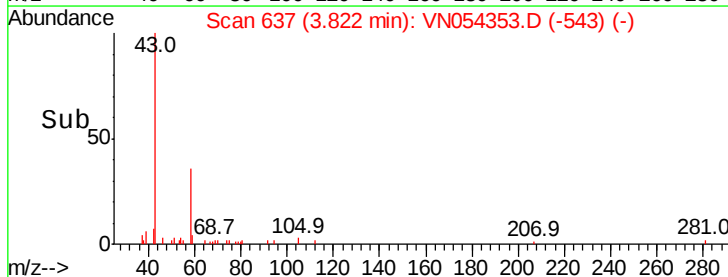
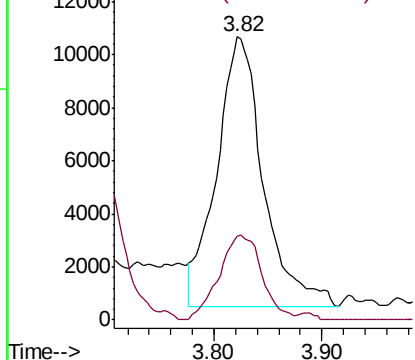
#16

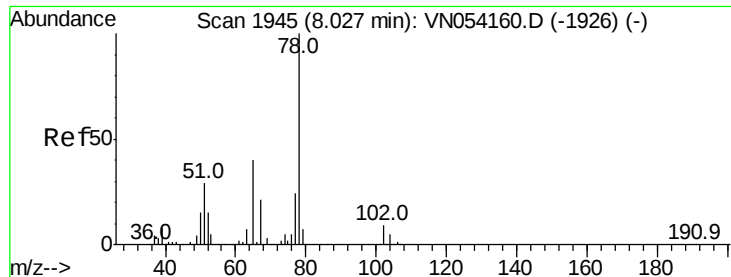
Acetone
 Concen: 5.393 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN054353.D
 Acq: 16 Mar 2019 22:41

Tgt Ion: 43 Resp: 30530
 Ion Ratio Lower Upper
 43 100
 58 31.1 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 58.00 (57.70 to 58.70): VNO

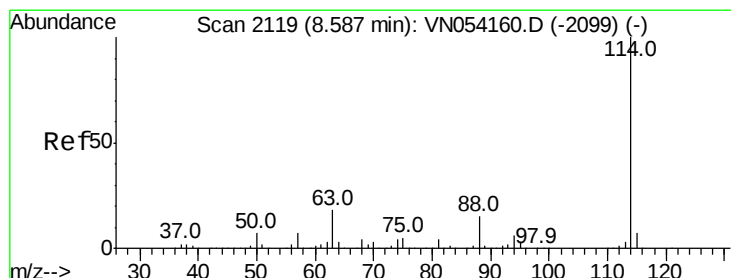
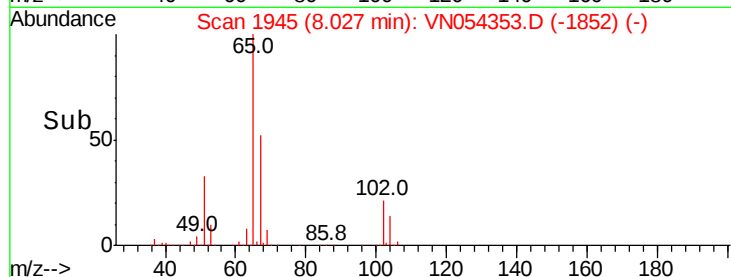
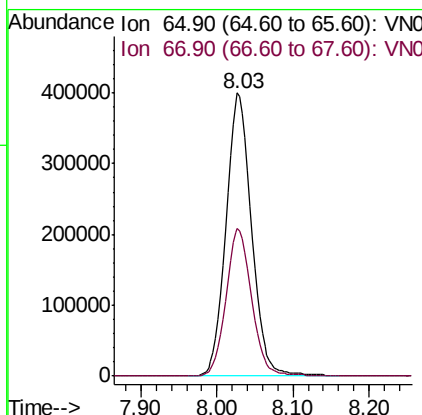
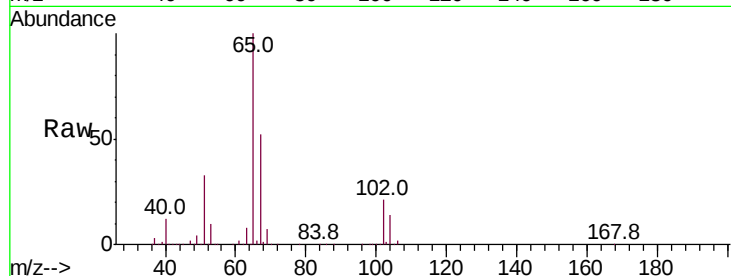




#33
 1,2-Dichloroethane-d4
 Concen: 47.329 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054353.D
 Acq: 16 Mar 2019 22:41

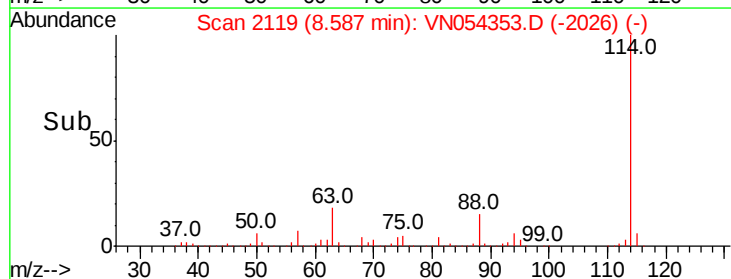
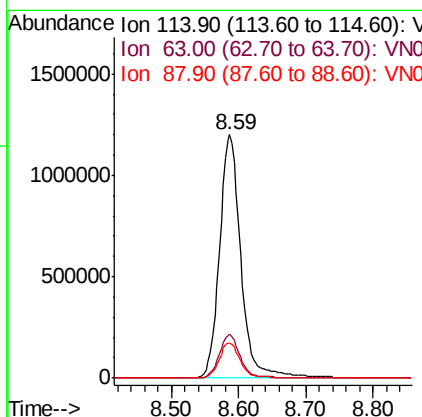
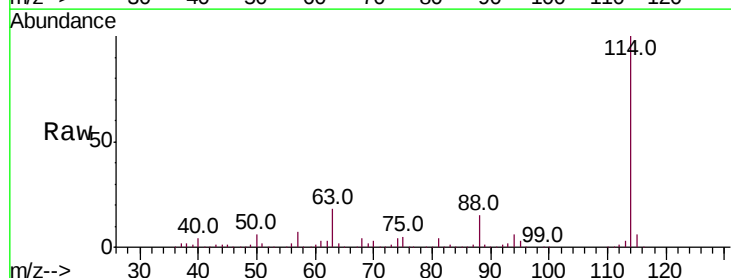
Instrument :
 MSVOA_N
 ClientSampled :
 W-1

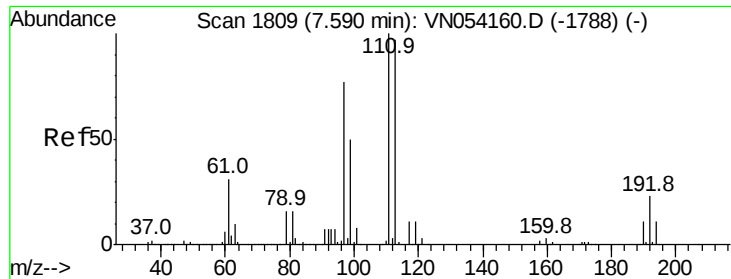
Tot Ion: 65 Resp: 935828
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054353.D
 Acq: 16 Mar 2019 22:41

Tgt Ion: 114 Resp: 2667406
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.2
 88 14.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.517 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054353.D

Acq: 16 Mar 2019 22:41

Instrument :

MSVOA_N

ClientSampleId :

W-1

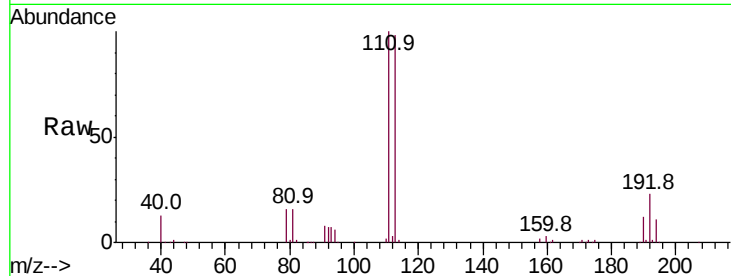
Tot Ion:113 Resp: 817467

Ion Ratio Lower Upper

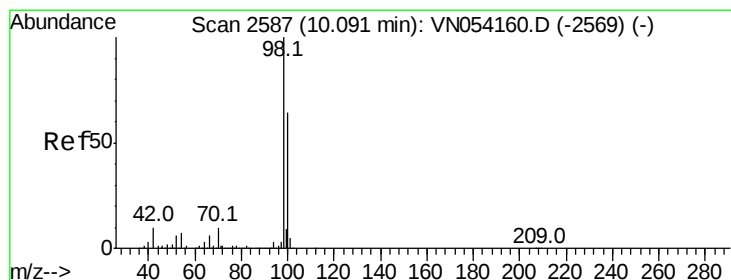
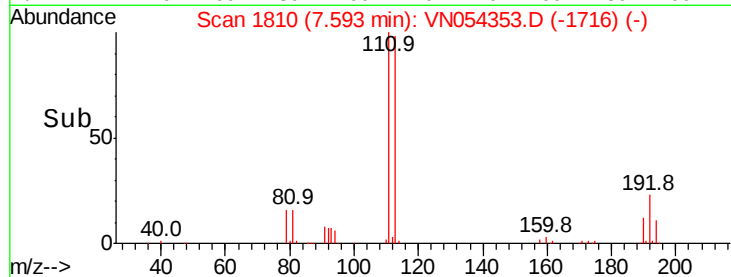
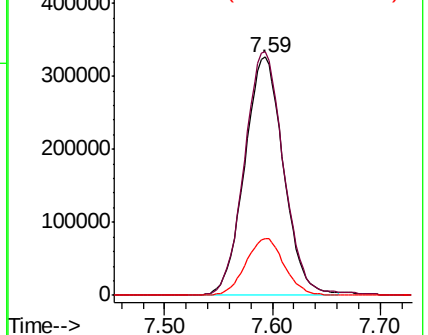
113 100

111 103.8 82.2 123.4

192 23.8 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: 47.293 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054353.D

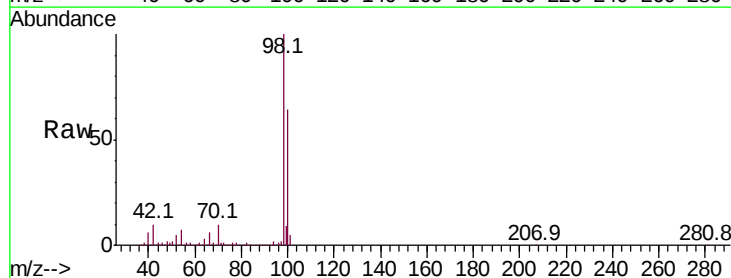
Acq: 16 Mar 2019 22:41

Tgt Ion: 98 Resp: 3004762

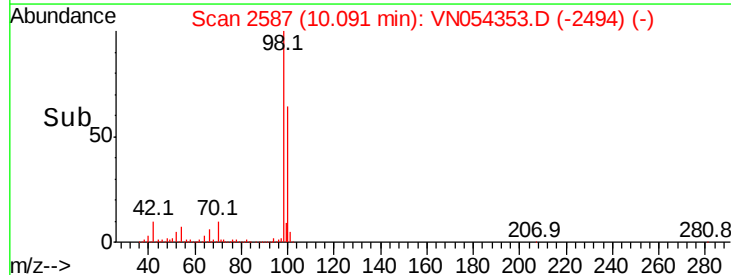
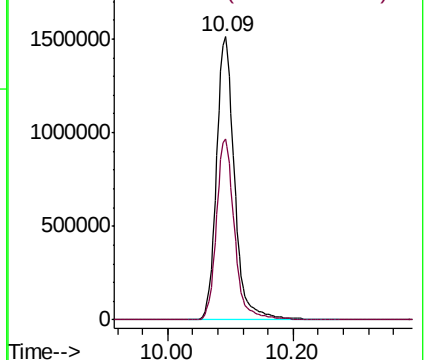
Ion Ratio Lower Upper

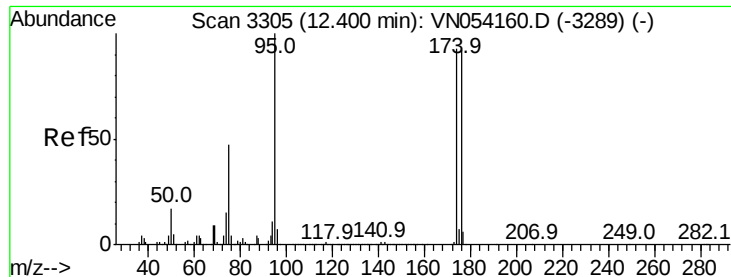
98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN

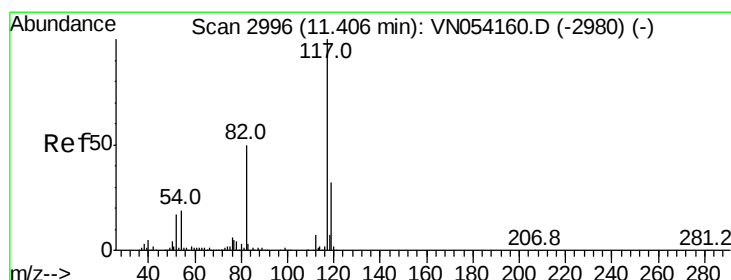
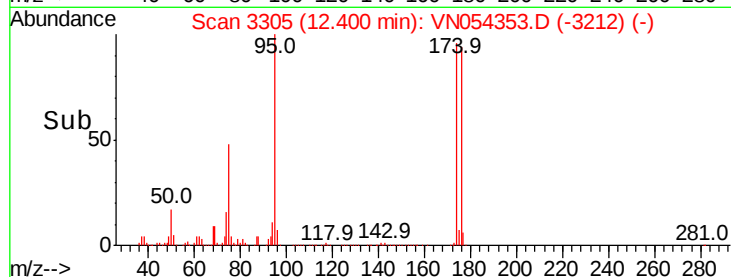
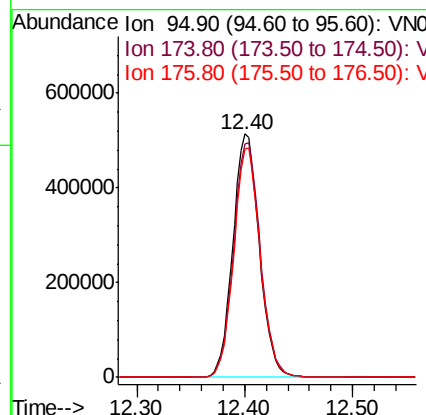
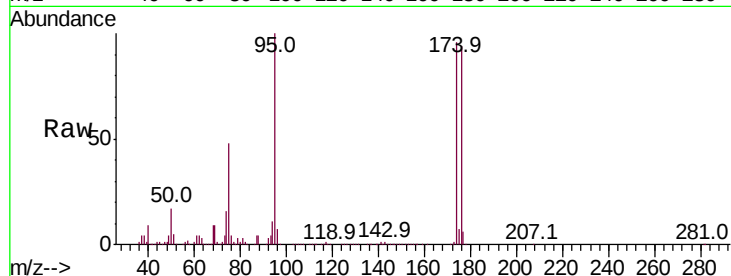




#62
4-Bromofluorobenzene
Concen: 39.329 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054353.D
Acq: 16 Mar 2019 22:41

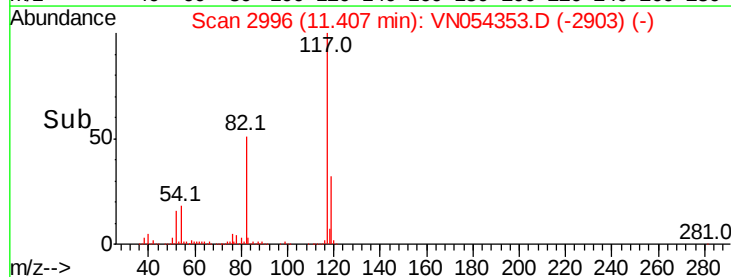
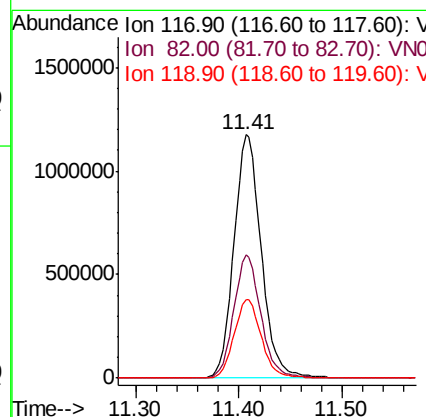
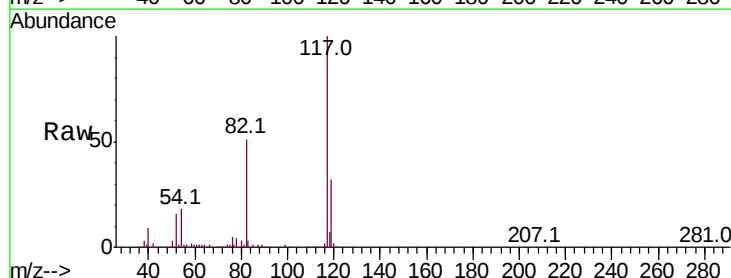
Instrument :
MSVOA_N
ClientSampleId :
W-1

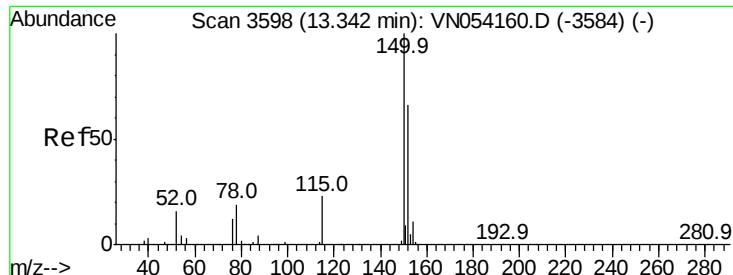
Tot Ion: 95 Resp: 874338
Ion Ratio Lower Upper
95 100
174 97.5 0.0 191.0
176 94.1 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054353.D
Acq: 16 Mar 2019 22:41

Tgt Ion: 117 Resp: 2166763
Ion Ratio Lower Upper
117 100
82 50.6 40.0 60.0
119 32.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054353.D

Acq: 16 Mar 2019 22:41

Instrument :

MSVOA_N

ClientSampleId :

W-1

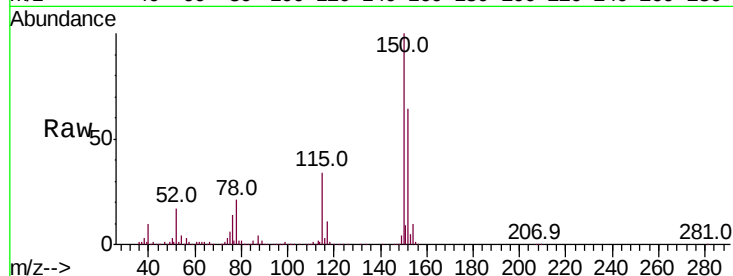
Tot Ion:152 Resp: 753553

Ion Ratio Lower Upper

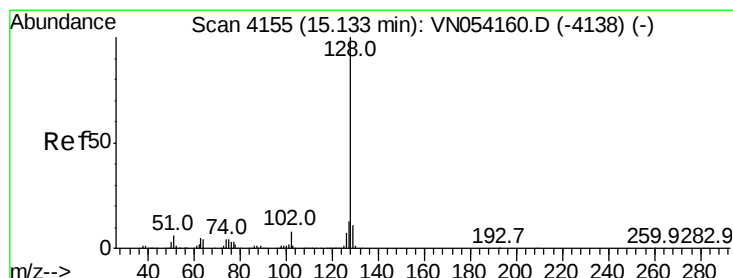
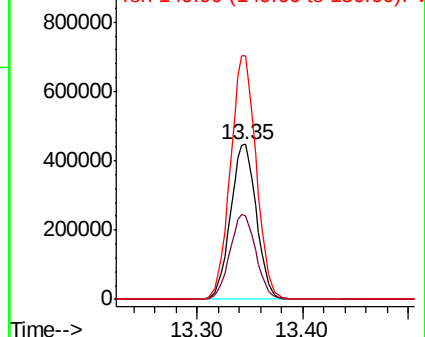
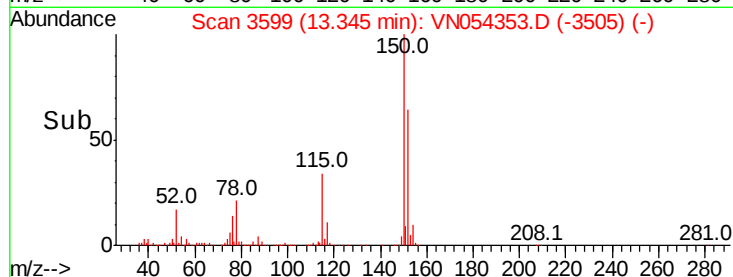
152 100

115 55.1 27.2 81.6

150 156.9 0.0 349.2



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



#95

Naphthalene

Concen: 4.785 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054353.D

Acq: 16 Mar 2019 22:41

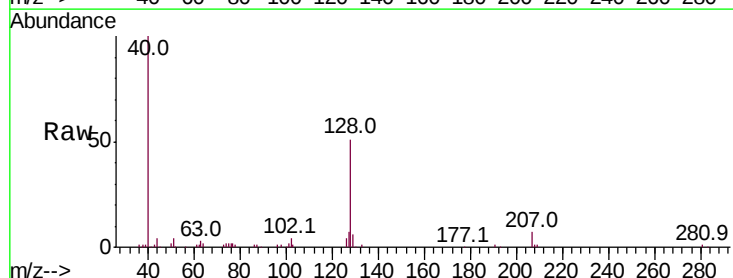
Tgt Ion:128 Resp: 46698

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

