

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056770.D
 Acq On : 16 Jul 2019 15:46
 Operator : JC/SP
 Sample : K3847-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Jul 17 08:25:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	255688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	459919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	469466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167111	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	149983	53.03	ug/l	0.00
Spiked Amount						
			Recovery	=	106.06%	
35) Dibromofluoromethane	7.59	113	139024	48.57	ug/l	0.00
Spiked Amount						
			Recovery	=	97.14%	
50) Toluene-d8	10.09	98	571138	51.67	ug/l	0.00
Spiked Amount						
			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.40	95	202191	54.24	ug/l	0.00
Spiked Amount						
			Recovery	=	108.48%	

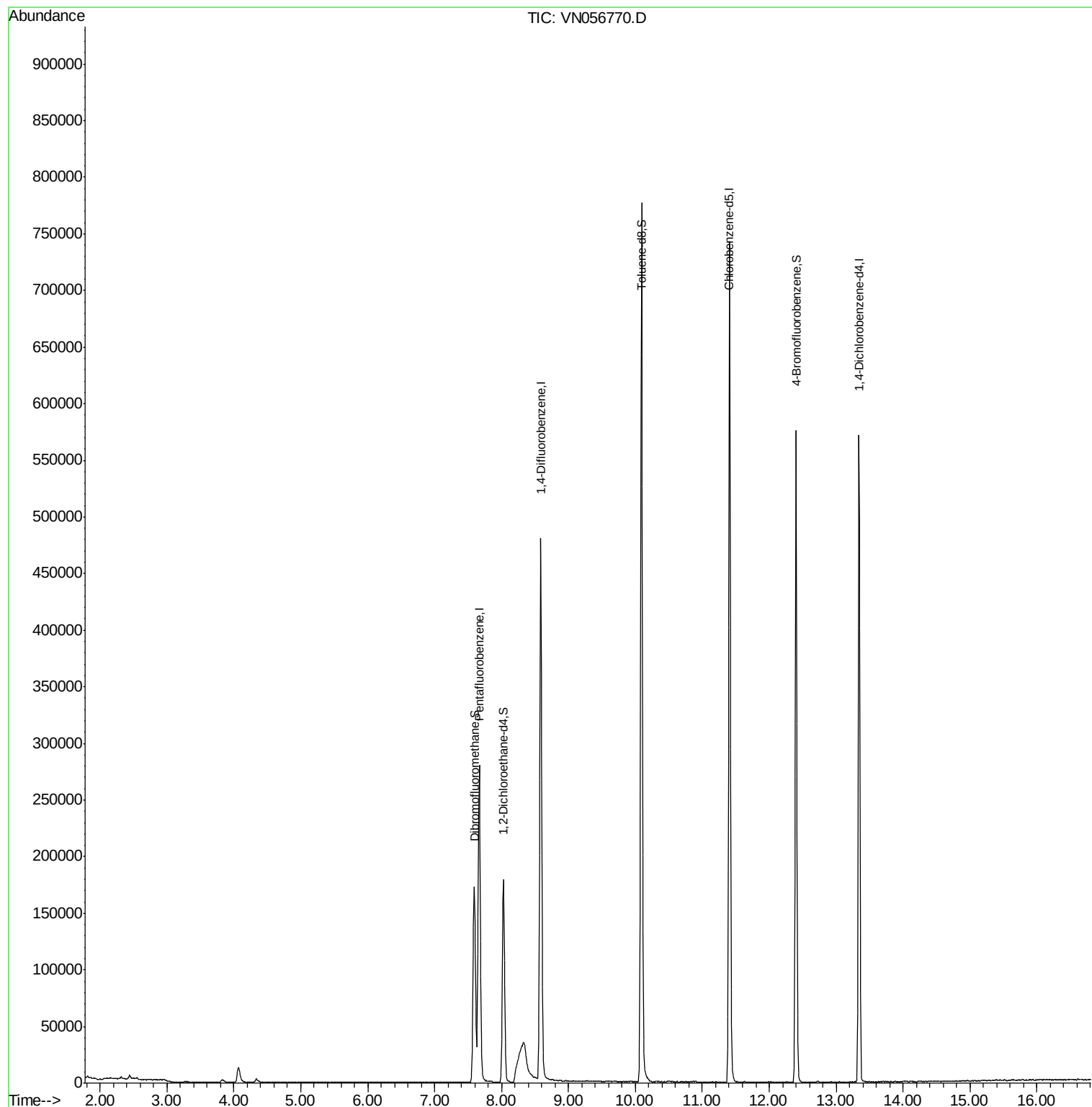
Target Compounds	Qvalue

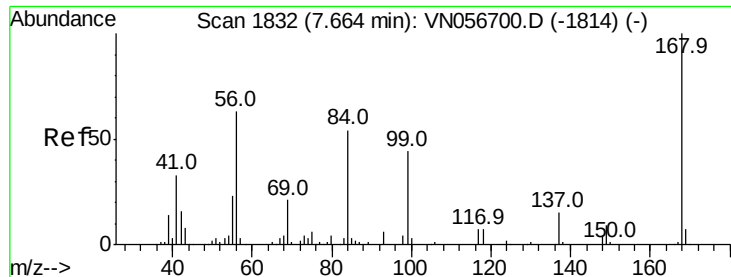
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056770.D

Acq: 16 Jul 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

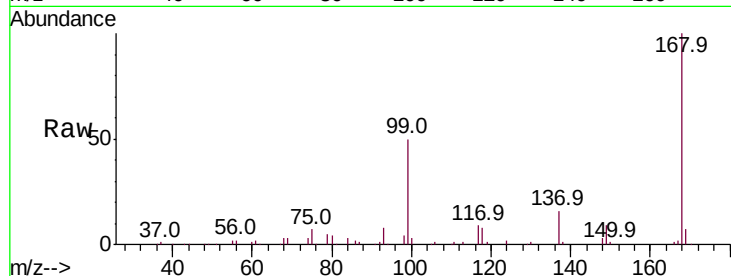
MW-2

Tot Ion:168 Resp: 255688

Ion Ratio Lower Upper

168 100

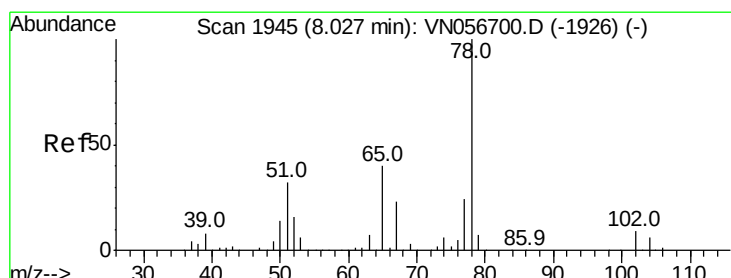
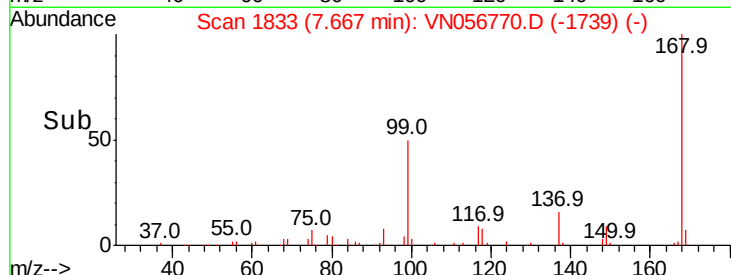
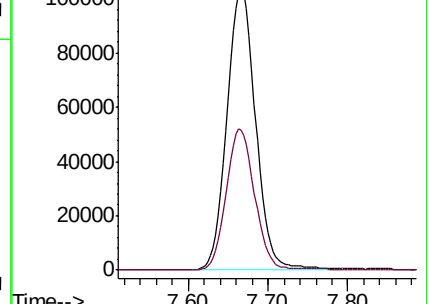
99 49.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056770.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN056770.D (-1814) (-)

7.67



#33

1,2-Dichloroethane-d4

Concen: 53.030 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056770.D

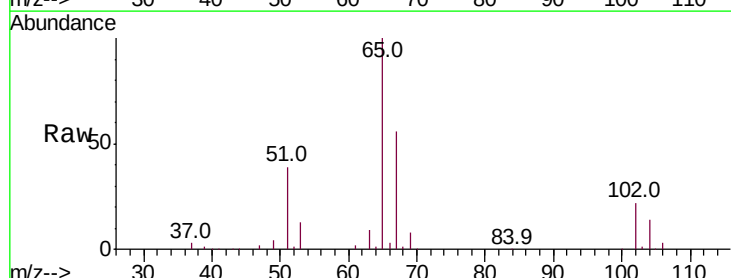
Acq: 16 Jul 2019 15:46

Tgt Ion: 65 Resp: 149983

Ion Ratio Lower Upper

65 100

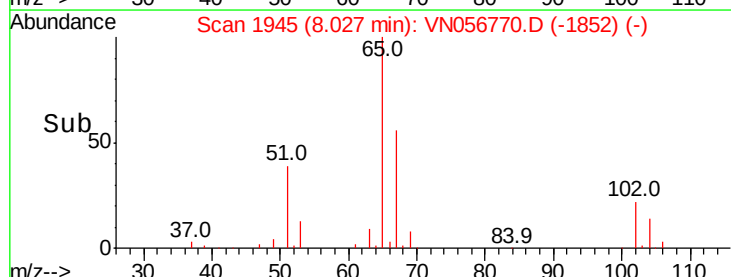
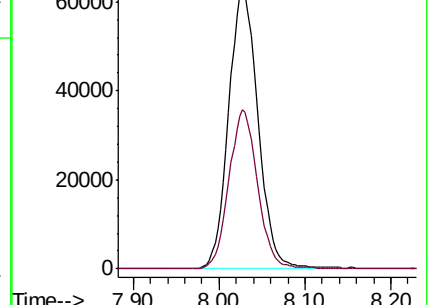
67 55.3 0.0 109.0

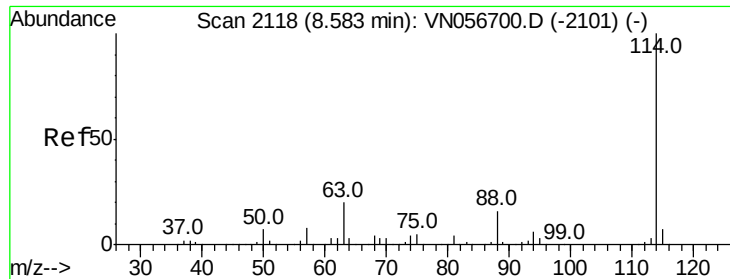


Abundance Ion 64.90 (64.60 to 65.60): VN056770.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN056770.D (-1926) (-)

8.03

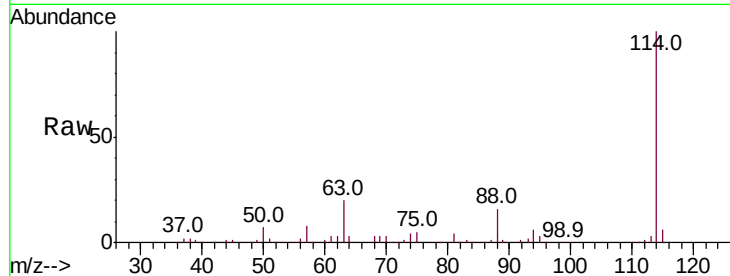




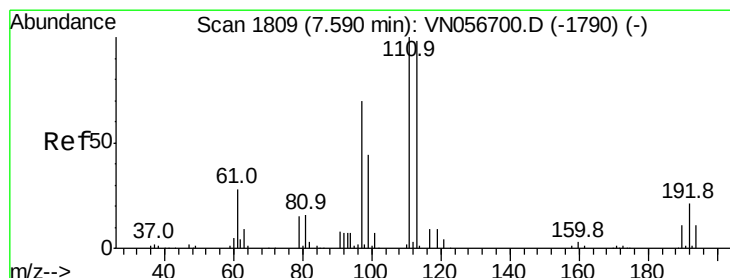
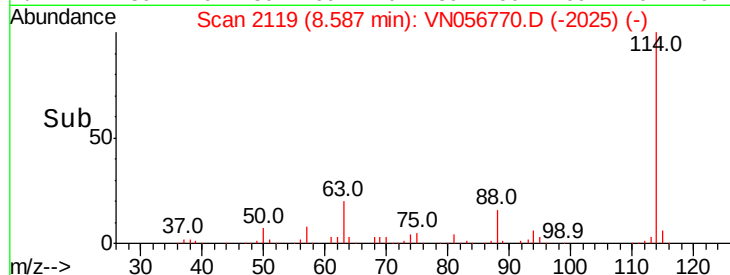
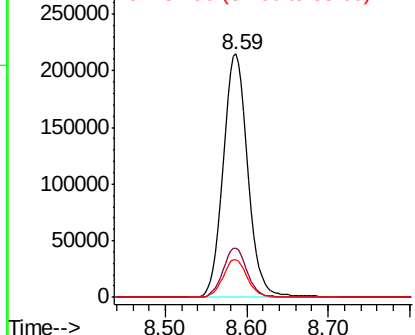
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056770.D
 Acq: 16 Jul 2019 15:46

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Tot Ion:114 Resp: 459919
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.4
 88 15.6 0.0 31.2

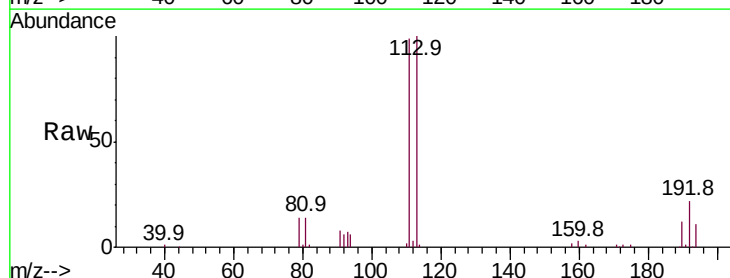


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

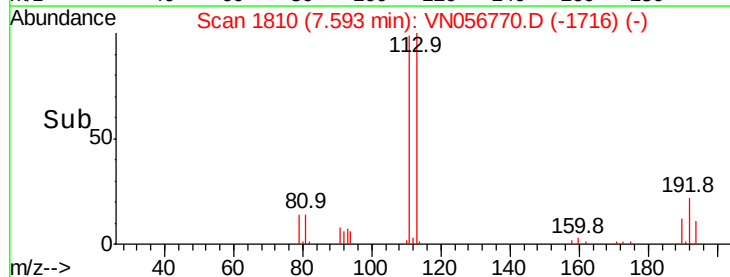
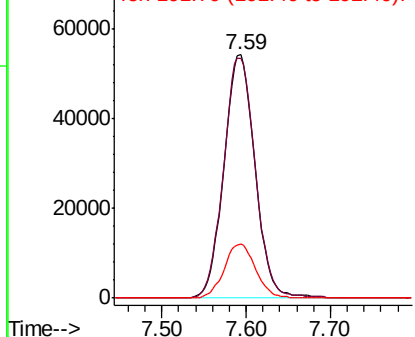


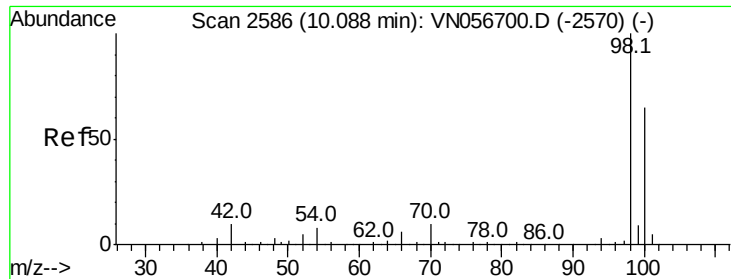
#35
 Dibromofluoromethane
 Concen: 48.573 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056770.D
 Acq: 16 Jul 2019 15:46

Tgt Ion:113 Resp: 139024
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.8 122.6
 192 22.4 17.5 26.3



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: 51.666 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056770.D

Acq: 16 Jul 2019 15:46

Instrument :

MSVOA_N

ClientSampled :

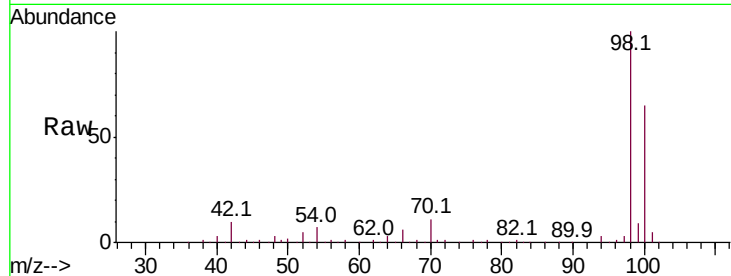
MW-2

Tot Ion: 98 Resp: 571138

Ion Ratio Lower Upper

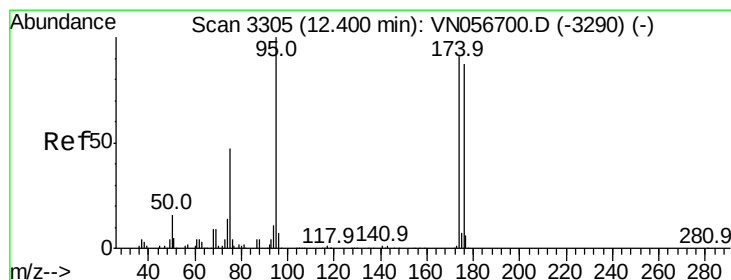
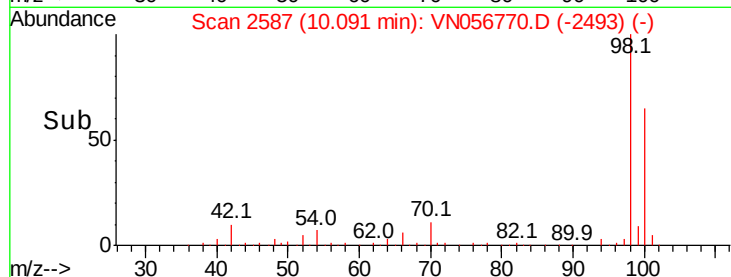
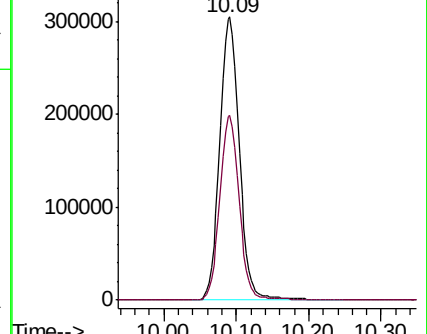
98 100

100 64.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 54.237 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056770.D

Acq: 16 Jul 2019 15:46

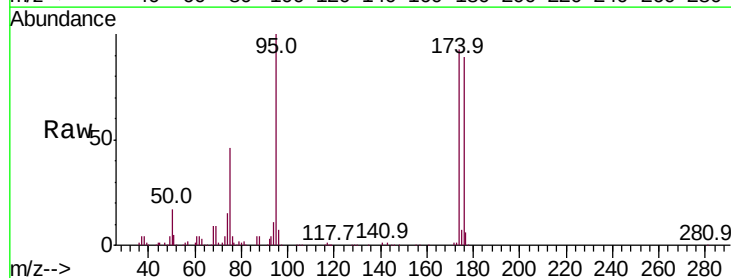
Tgt Ion: 95 Resp: 202191

Ion Ratio Lower Upper

95 100

174 91.8 0.0 180.0

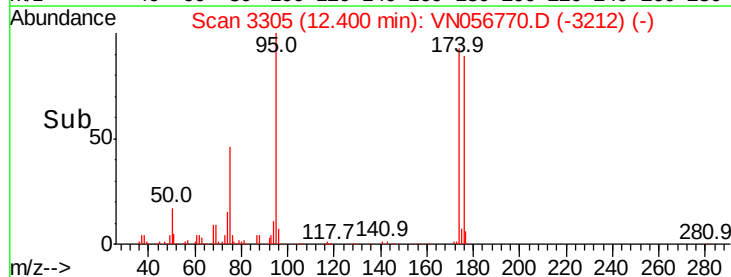
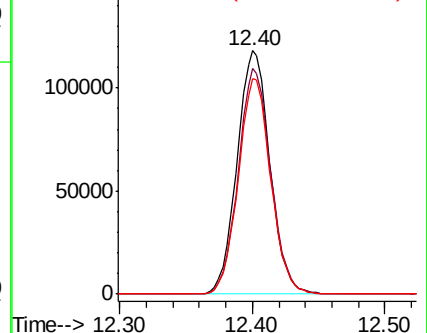
176 87.8 0.0 173.2

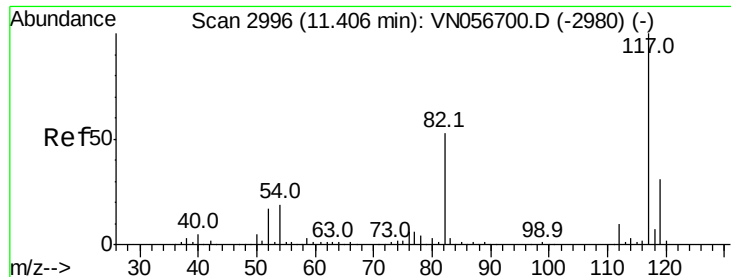


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

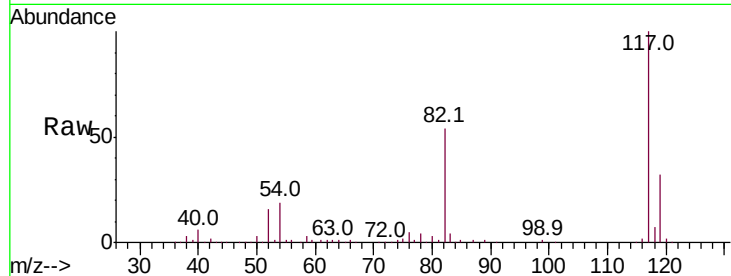




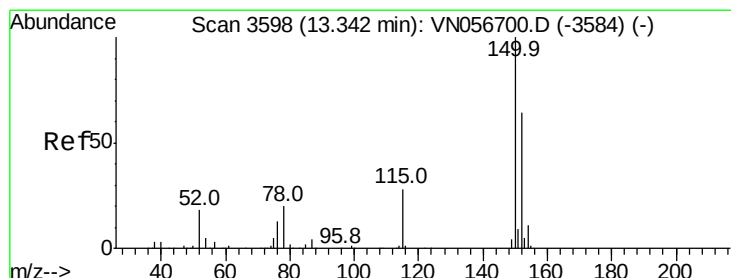
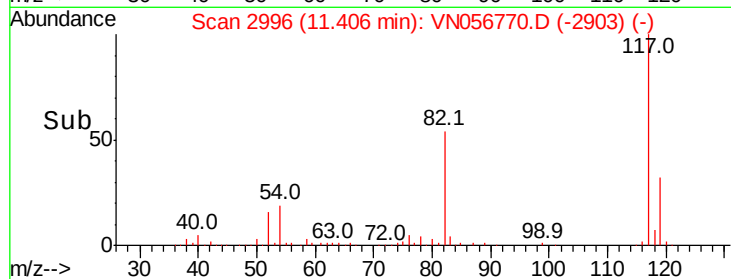
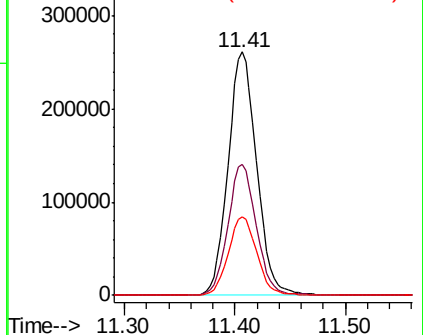
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056770.D
Acq: 16 Jul 2019 15:46

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tot Ion:117 Resp: 469466
Ion Ratio Lower Upper
117 100
82 53.9 42.2 63.2
119 32.5 25.2 37.8

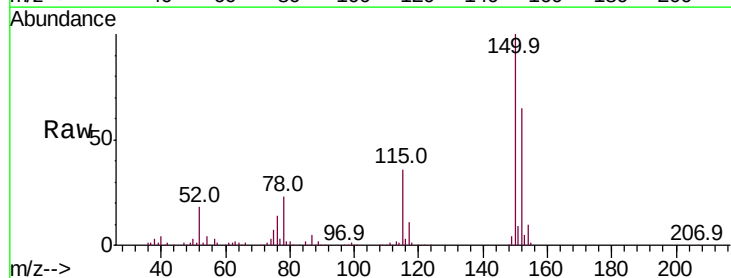


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056770.D
Acq: 16 Jul 2019 15:46

Tgt Ion:152 Resp: 167111
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 154.8 0.0 345.8



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

