

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056767.D
 Acq On : 16 Jul 2019 14:36
 Operator : JC/SP
 Sample : PB121398ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121398ZHE#07

Quant Time: Jul 17 08:23:44 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

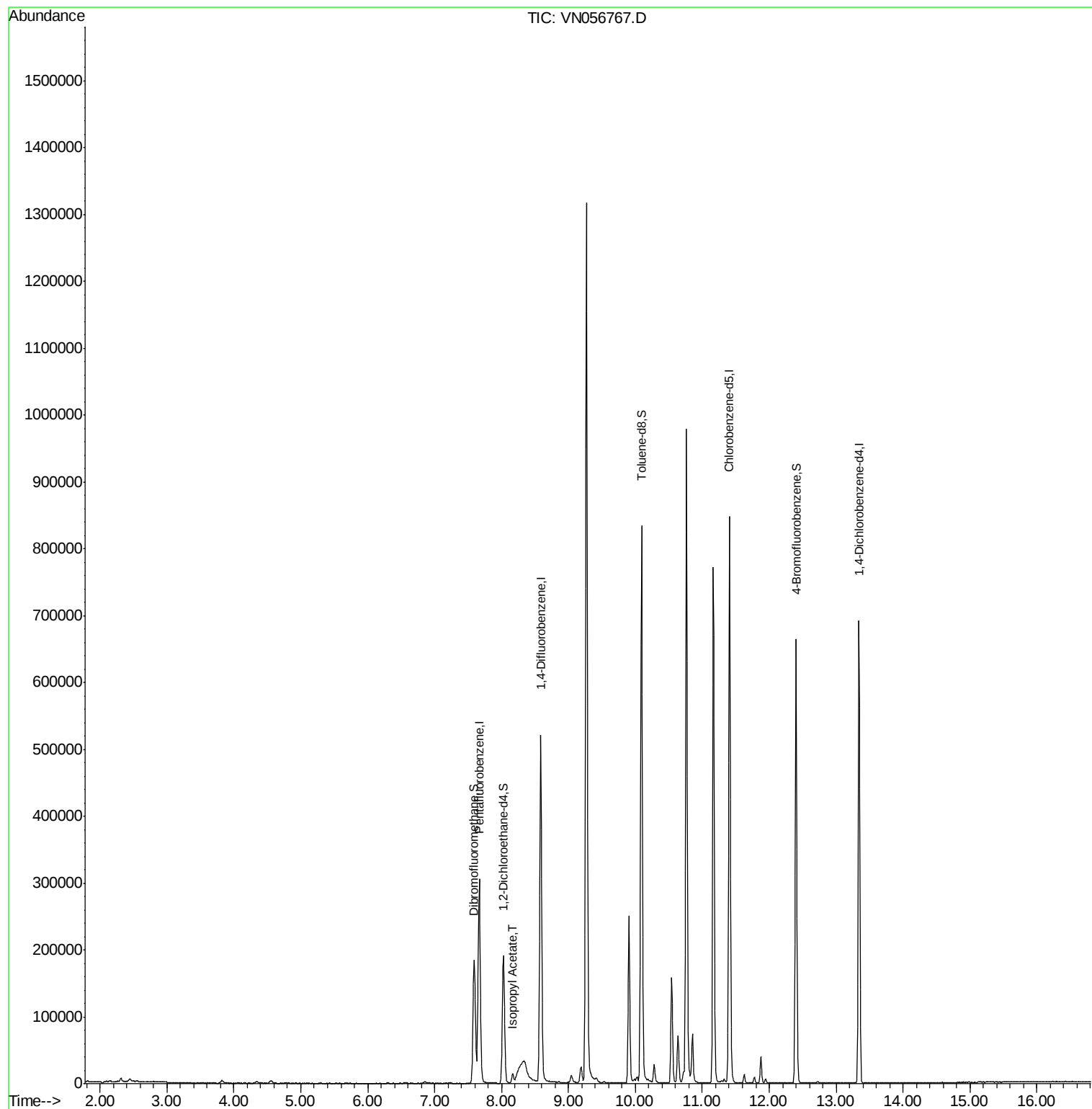
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	268798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	489382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	525792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196768	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	159788	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.48%	
35) Dibromofluoromethane	7.59	113	145097	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	10.09	98	622130	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.40	95	230939	58.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.44%	
Target Compounds						
43) Isopropyl Acetate	8.17	43	16845	2.401	ug/l #	91

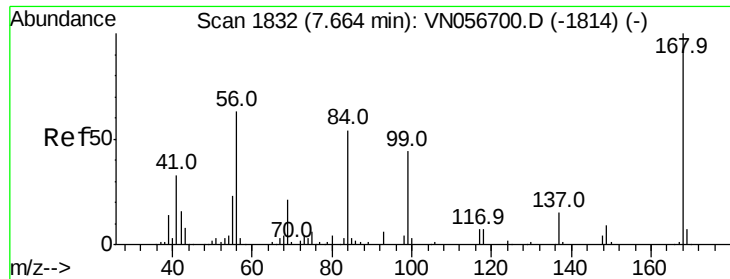
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056767.D

Acq: 16 Jul 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

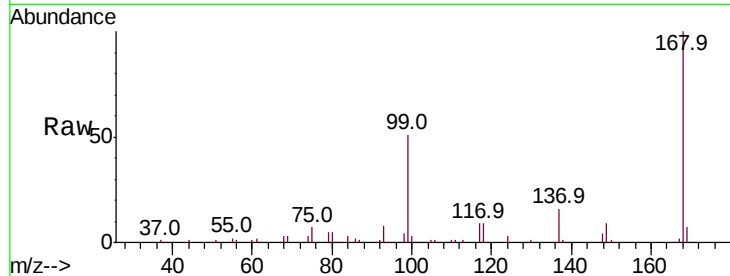
PB121398ZHE#07

Tot Ion:168 Resp: 268798

Ion Ratio Lower Upper

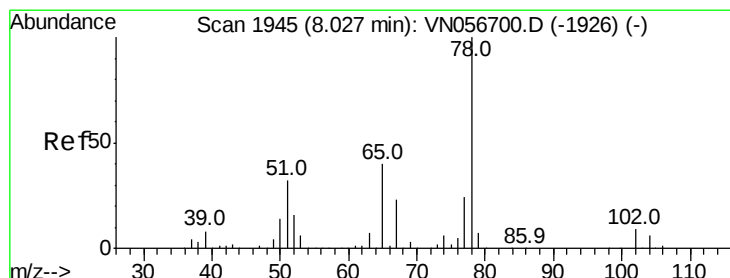
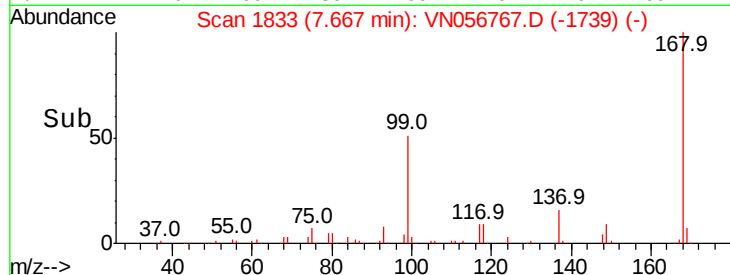
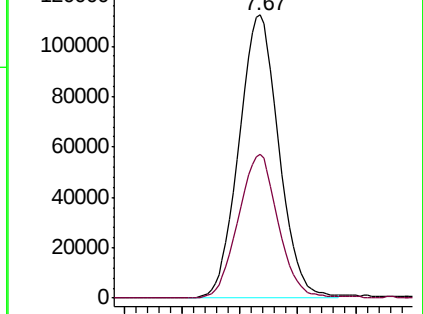
168 100

99 50.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 53.741 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056767.D

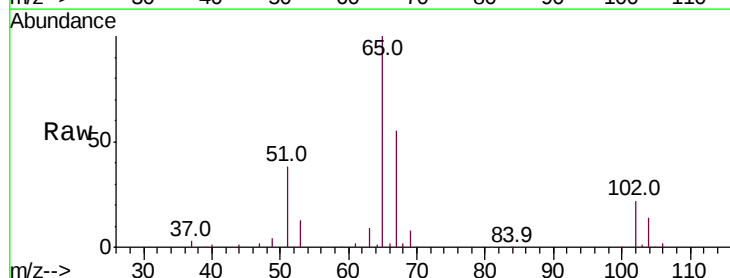
Acq: 16 Jul 2019 14:36

Tgt Ion: 65 Resp: 159788

Ion Ratio Lower Upper

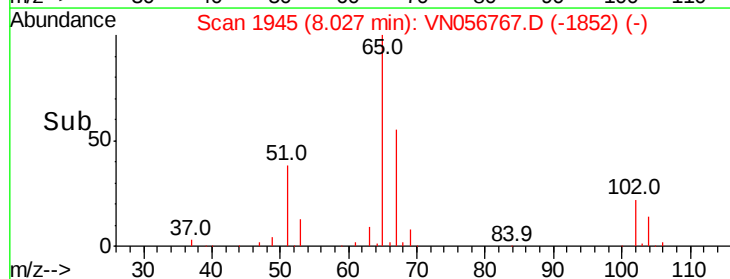
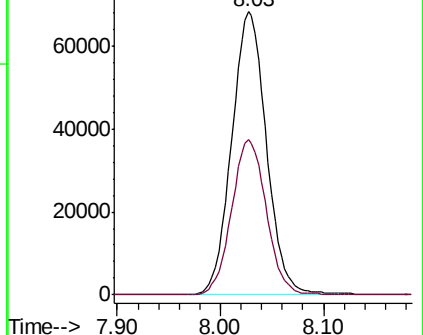
65 100

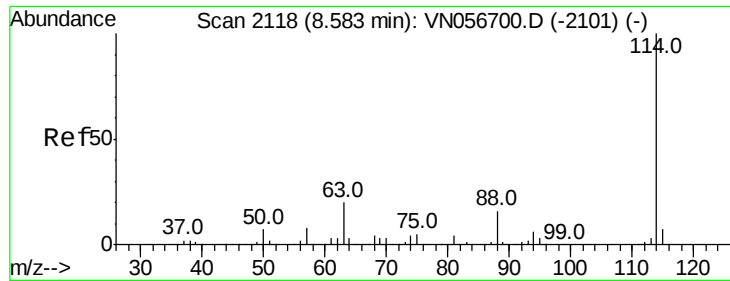
67 55.0 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

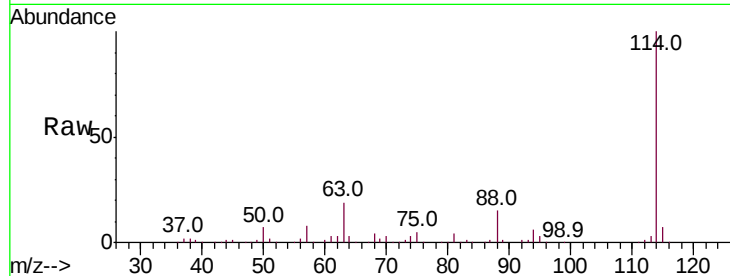




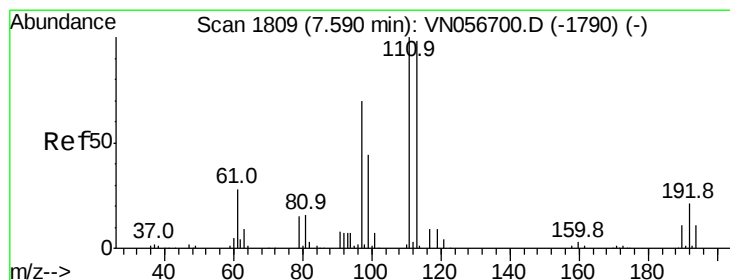
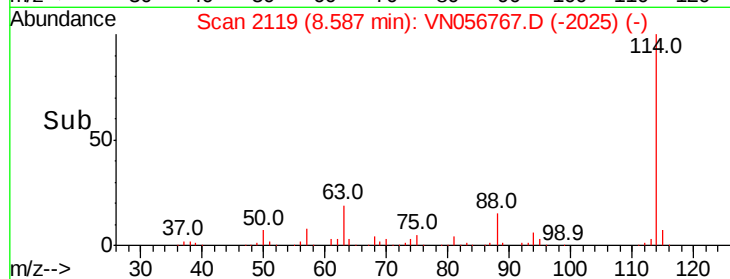
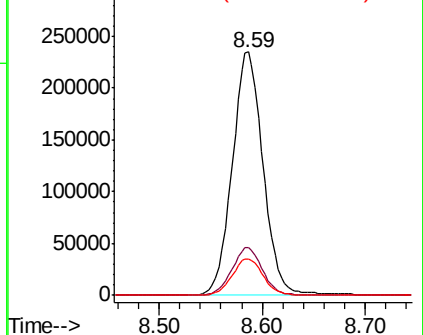
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056767.D
 Acq: 16 Jul 2019 14:36

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121398ZHE#07

Tot Ion:114 Resp: 489382
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.4
 88 15.0 0.0 31.2

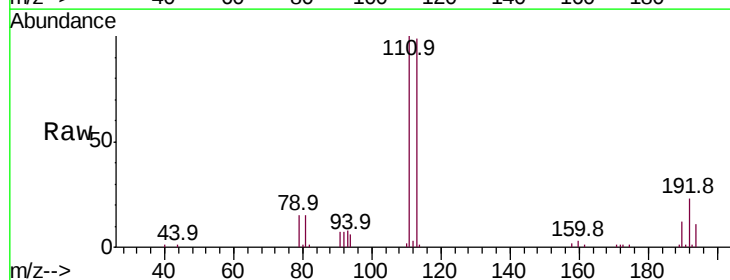


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

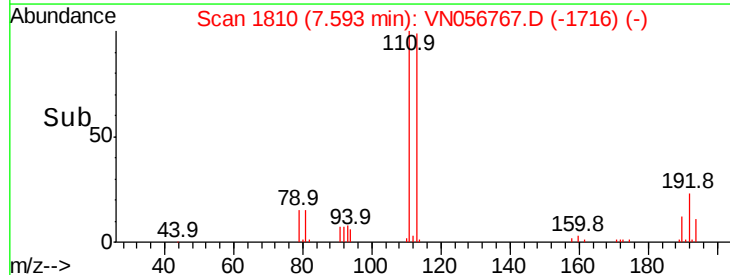
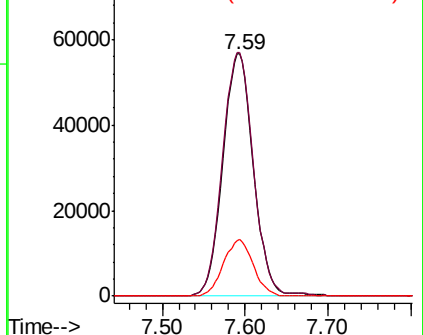


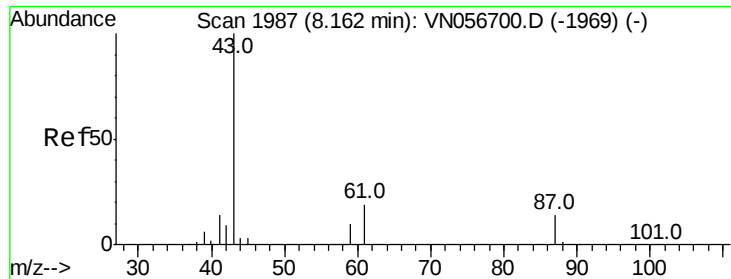
#35
 Dibromofluoromethane
 Concen: 47.643 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056767.D
 Acq: 16 Jul 2019 14:36

Tgt Ion:113 Resp: 145097
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.8 122.6
 192 22.7 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





#43

Isopropyl Acetate

Concen: 2.401 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056767.D

Acq: 16 Jul 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

PB121398ZHE#07

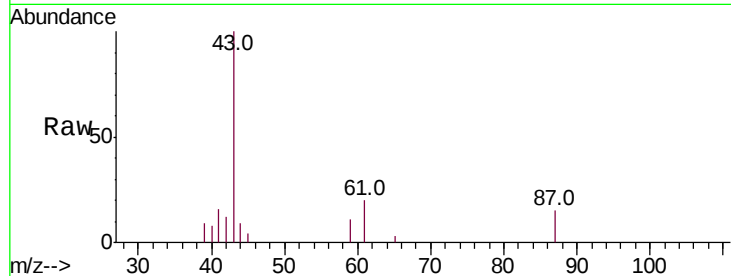
Tot Ion: 43 Resp: 16845

Ion Ratio Lower Upper

43 100

61 21.0 22.3 33.5#

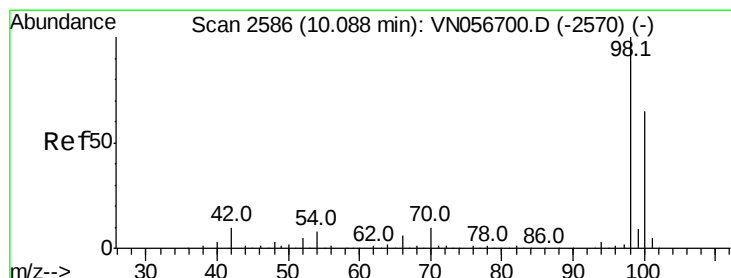
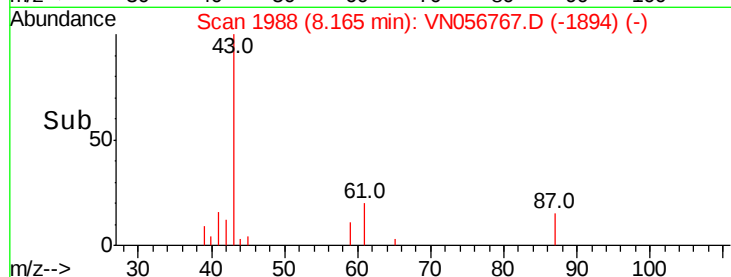
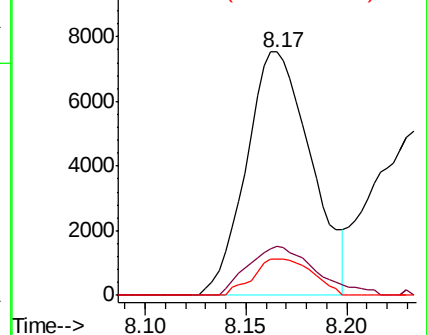
87 13.6 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 52.891 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056767.D

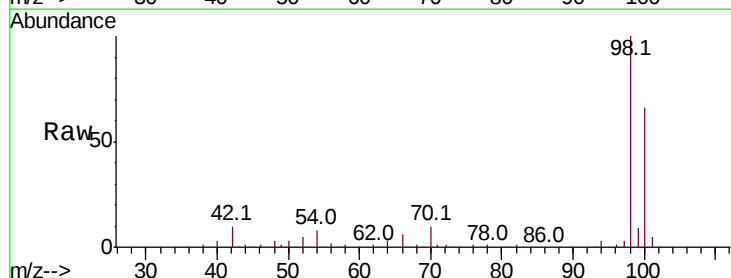
Acq: 16 Jul 2019 14:36

Tgt Ion: 98 Resp: 622130

Ion Ratio Lower Upper

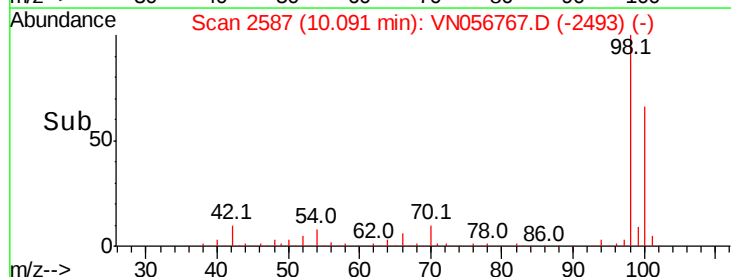
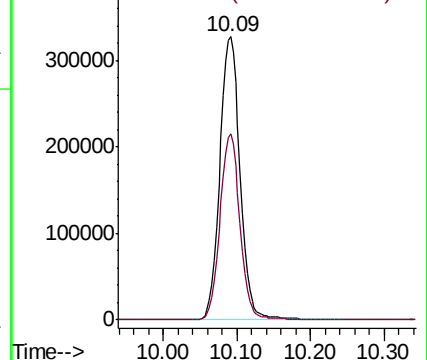
98 100

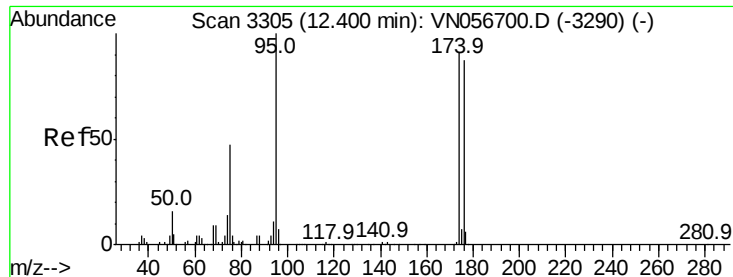
100 64.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

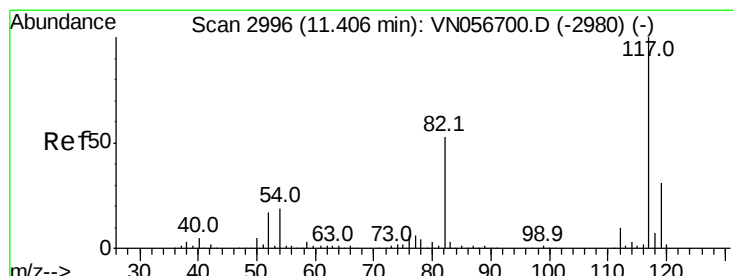
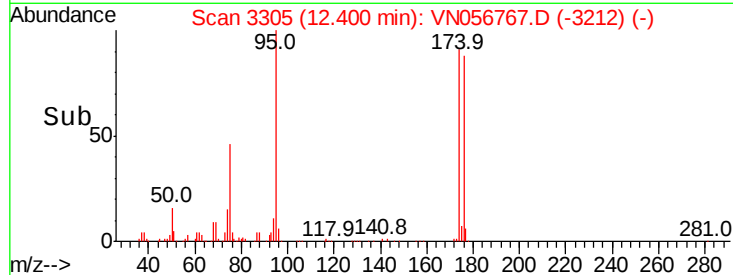
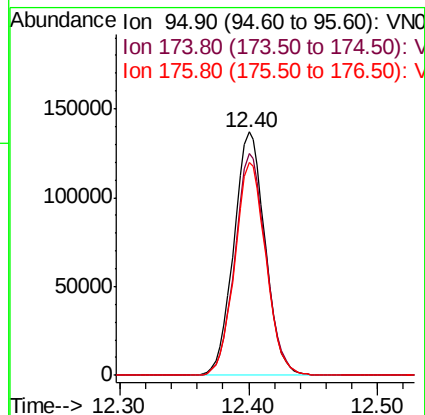
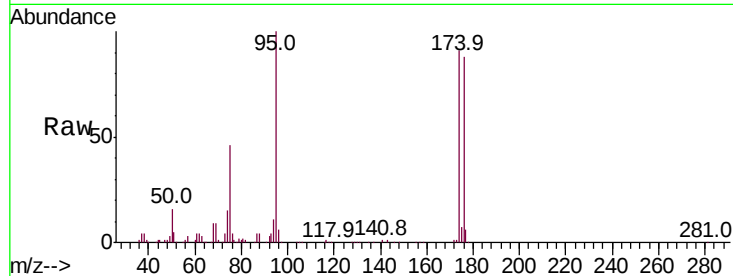




#62
4-Bromofluorobenzene
Concen: 58.219 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056767.D
Acq: 16 Jul 2019 14:36

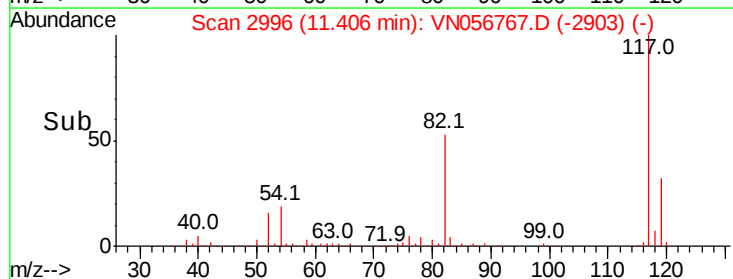
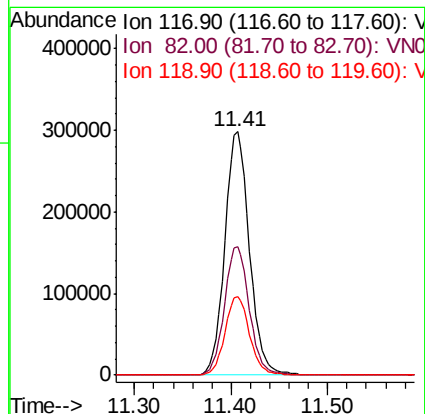
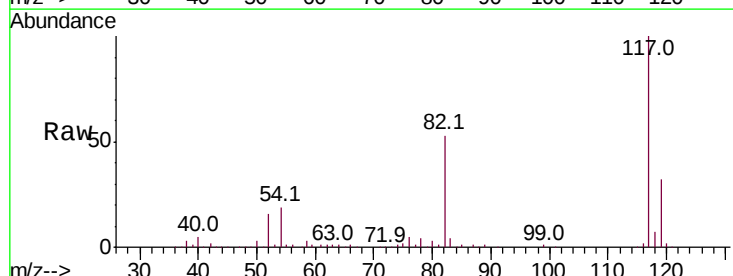
Instrument :
MSVOA_N
ClientSampleId :
PB121398ZHE#07

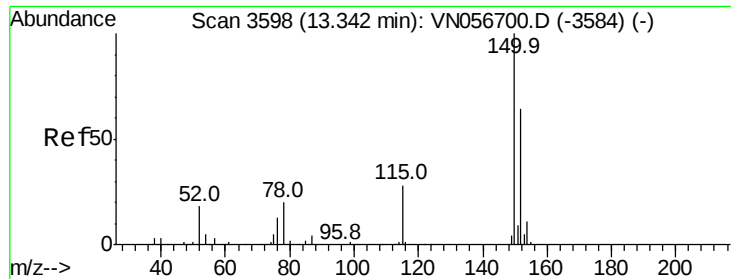
Tot Ion: 95 Resp: 230939
Ion Ratio Lower Upper
95 100
174 90.3 0.0 180.0
176 86.9 0.0 173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056767.D
Acq: 16 Jul 2019 14:36

Tgt Ion: 117 Resp: 525792
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.2
119 32.2 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056767.D

Acq: 16 Jul 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

PB121398ZHE#07

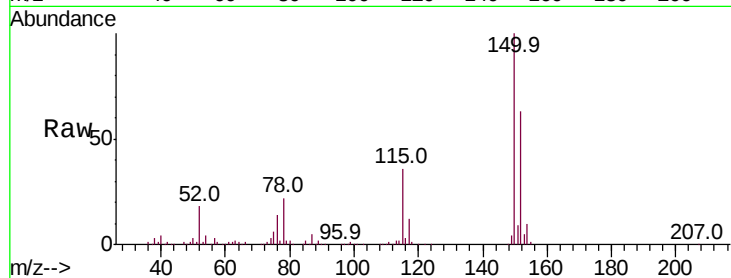
Tot Ion:152 Resp: 196768

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 158.4 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

