

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062619\
 Data File : VN056510.D
 Acq On : 26 Jun 2019 16:45
 Operator : JC/SP
 Sample : K3532-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIANGLE-AREA-SOIL-A

Quant Time: Jun 27 09:49:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

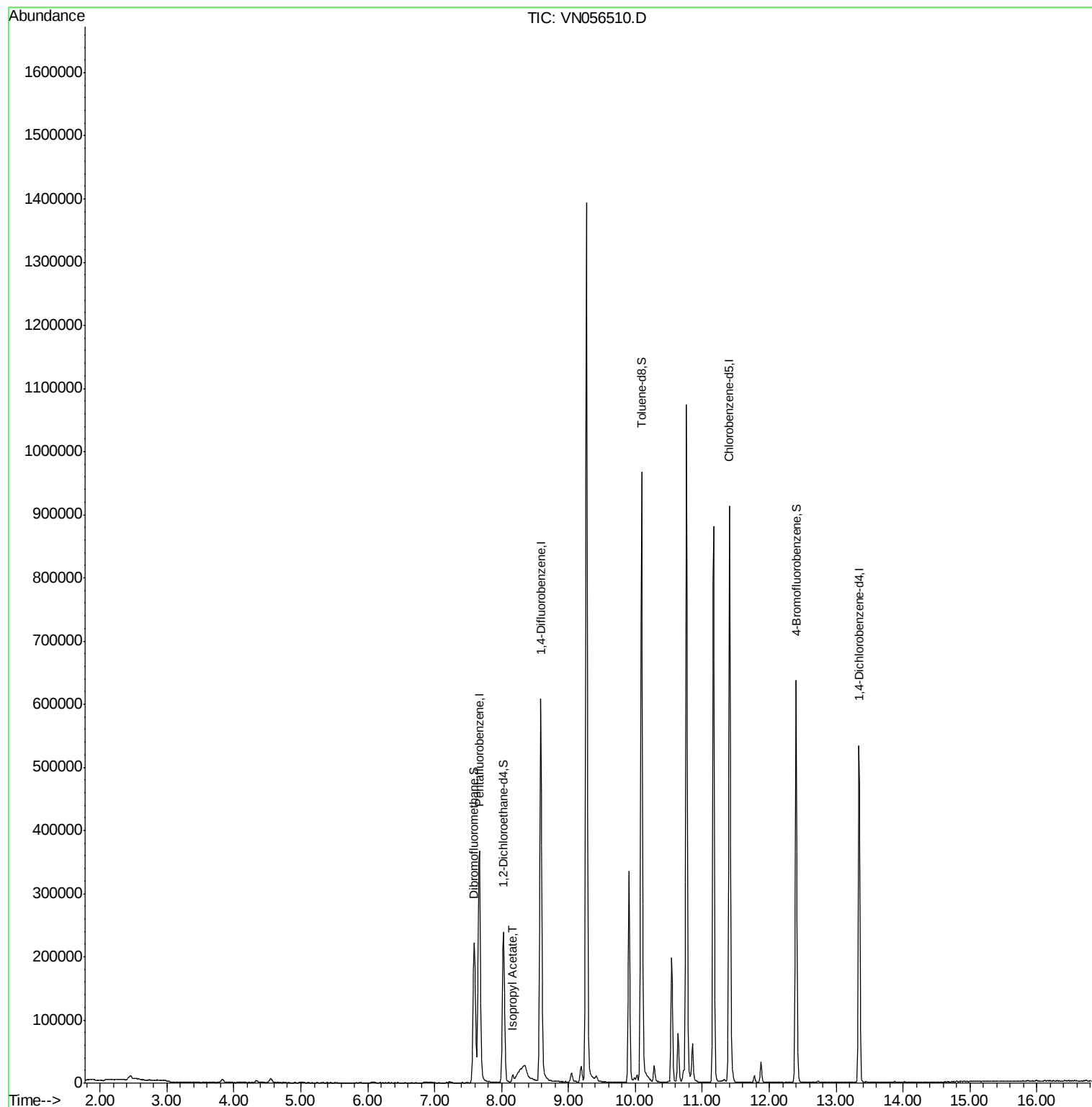
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	339655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	593818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	581869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	157063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	198035	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
35) Dibromofluoromethane	7.59	113	173638	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
50) Toluene-d8	10.09	98	734302	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.40	95	226649	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
Target Compounds						
43) Isopropyl Acetate	8.17	43	14329	1.809	ug/l #	91

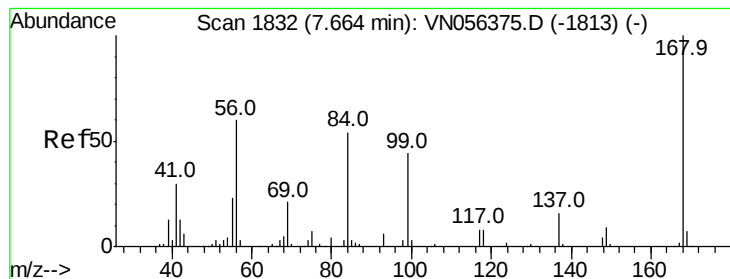
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056510.D

Acq: 26 Jun 2019 16:45

Instrument :

MSVOA_N

ClientSampleId :

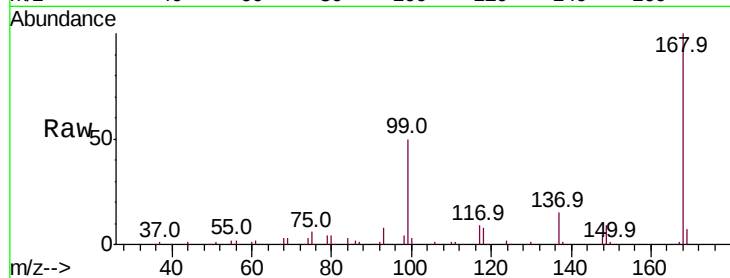
TRIANGLE-AREA-SOIL-A

Tot Ion:168 Resp: 339655

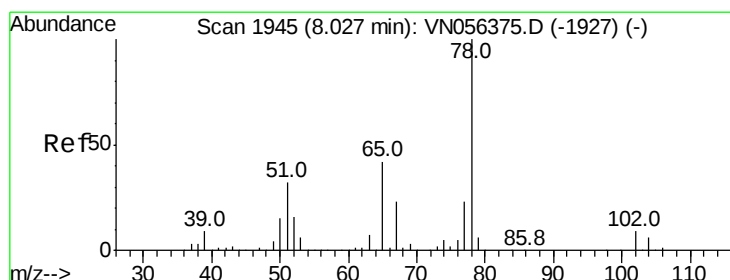
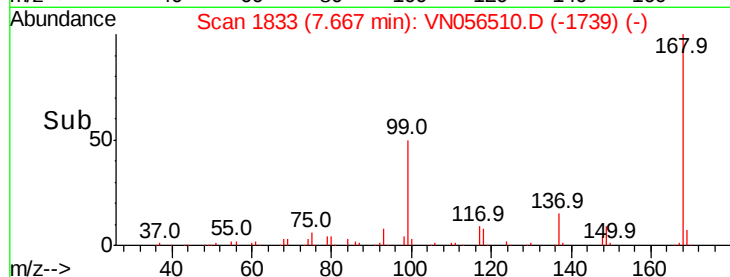
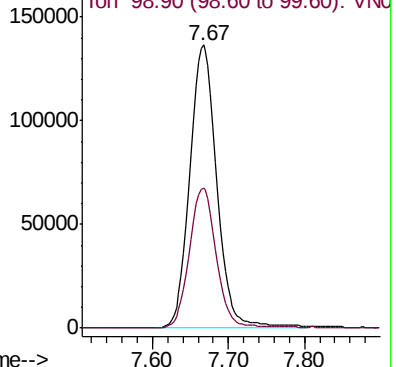
Ion Ratio Lower Upper

168 100

99 49.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056510.D (-1739) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.607 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056510.D

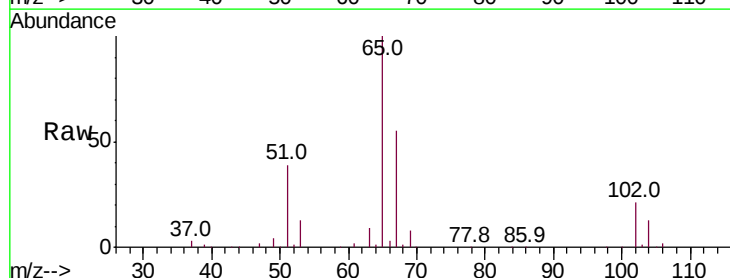
Acq: 26 Jun 2019 16:45

Tgt Ion: 65 Resp: 198035

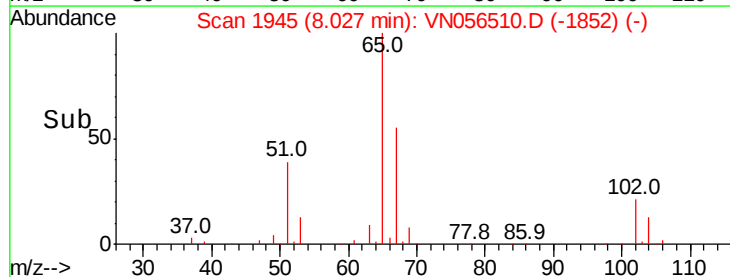
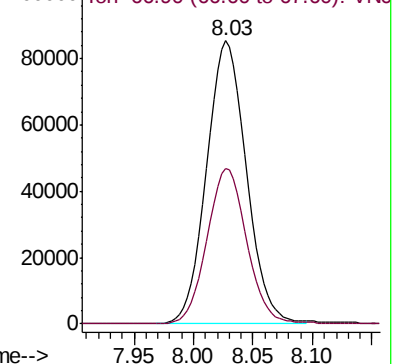
Ion Ratio Lower Upper

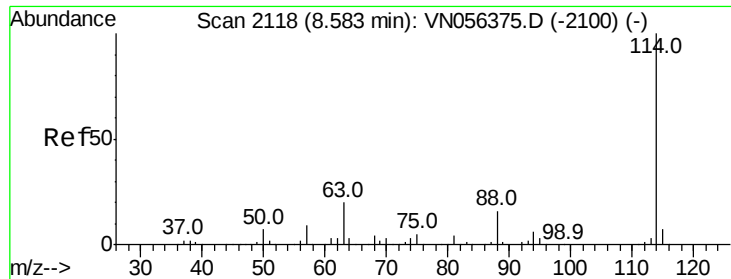
65 100

67 54.8 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN056510.D (-1852) (-)

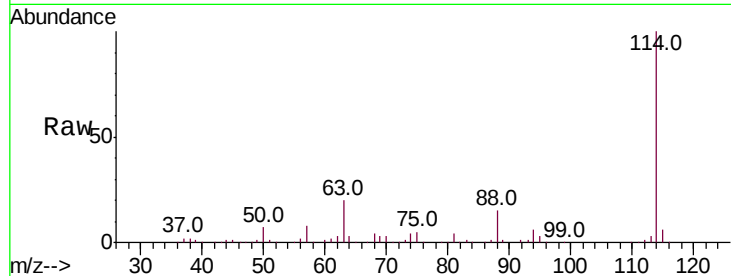




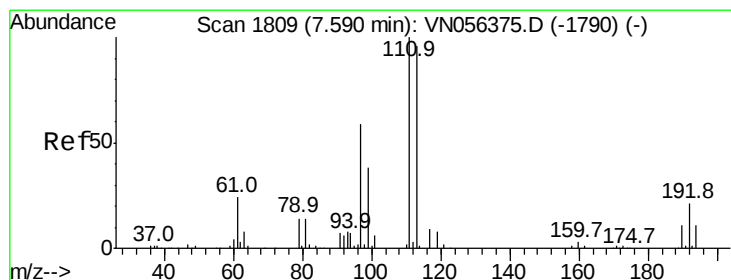
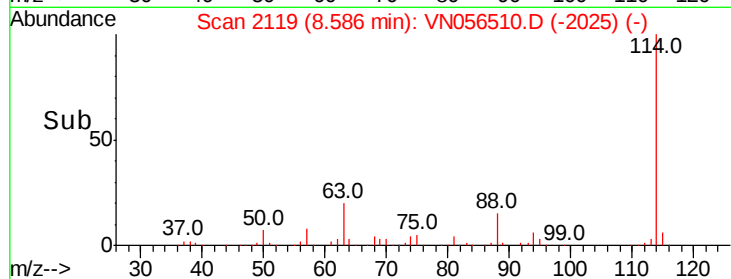
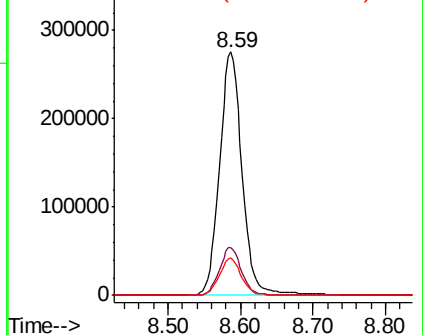
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056510.D
 Acq: 26 Jun 2019 16:45

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIANGLE-AREA-SOIL-A

Tot Ion:114 Resp: 593818
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.2
 88 15.3 0.0 31.4

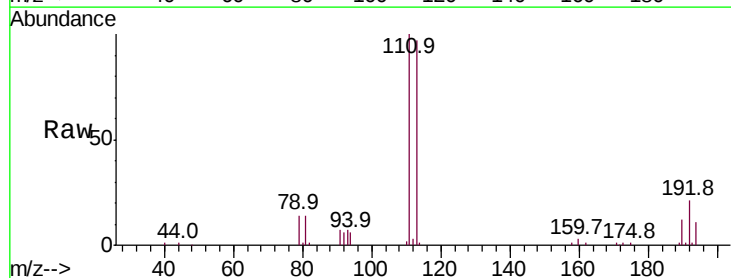


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

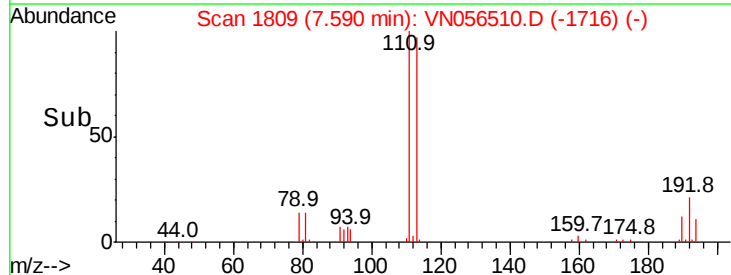
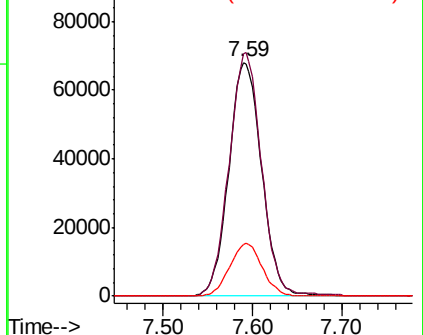


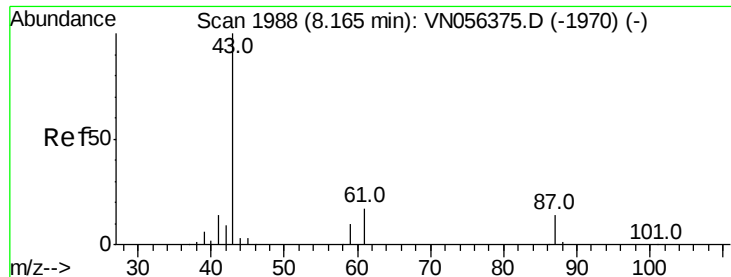
#35
 Dibromofluoromethane
 Concen: 46.873 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056510.D
 Acq: 26 Jun 2019 16:45

Tgt Ion:113 Resp: 173638
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.9 124.3
 192 22.3 17.7 26.5



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: 1.809 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056510.D

Acq: 26 Jun 2019 16:45

Instrument :

MSVOA_N

ClientSampleId :

TRIANGLE-AREA-SOIL-A

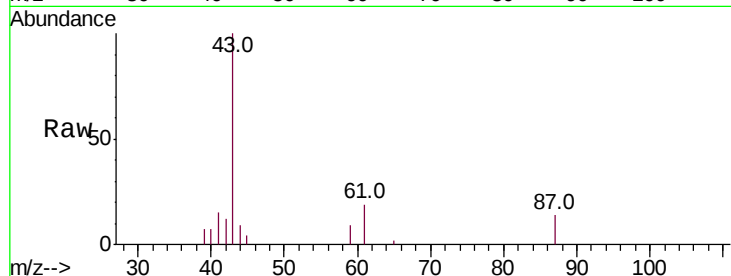
Tot Ion: 43 Resp: 14329

Ion Ratio Lower Upper

43 100

61 20.6 22.0 33.0#

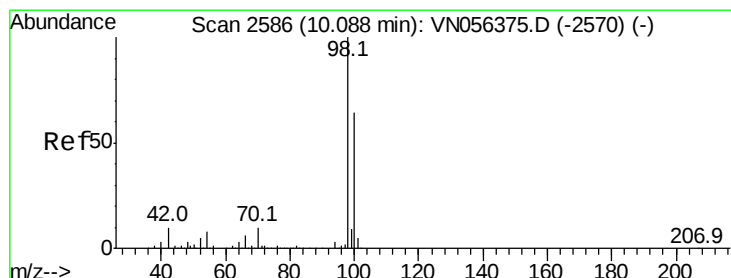
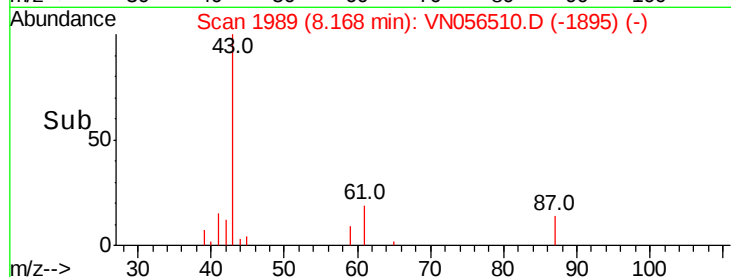
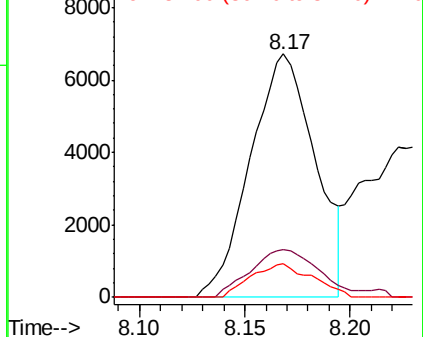
87 13.1 11.0 16.4



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: 50.943 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056510.D

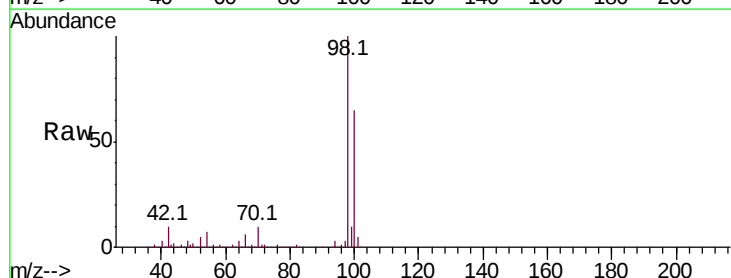
Acq: 26 Jun 2019 16:45

Tgt Ion: 98 Resp: 734302

Ion Ratio Lower Upper

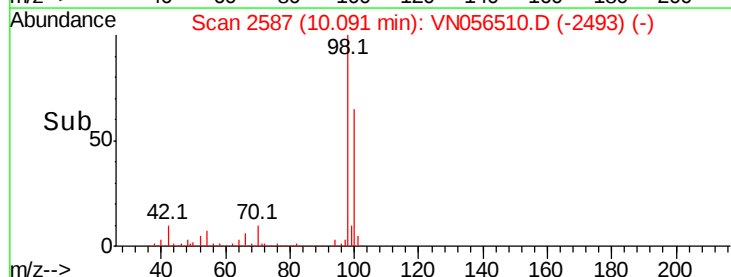
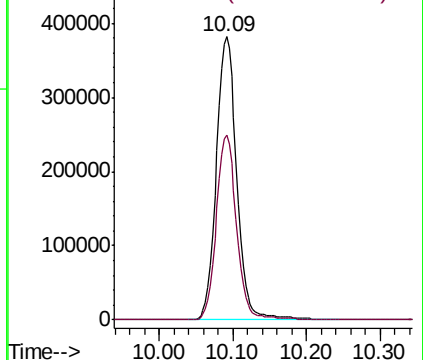
98 100

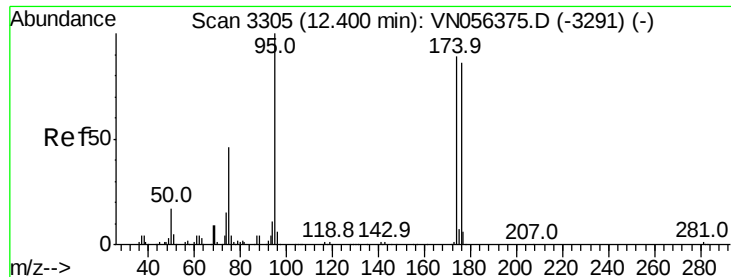
100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.168 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056510.D

Acq: 26 Jun 2019 16:45

Instrument :

MSVOA_N

ClientSampleId :

TRIANGLE-AREA-SOIL-A

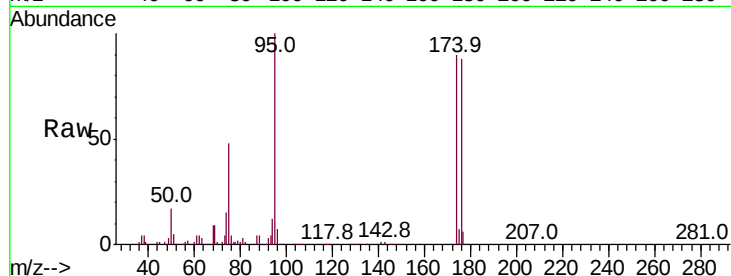
Tot Ion: 95 Resp: 226649

Ion Ratio Lower Upper

95 100

174 90.3 0.0 179.4

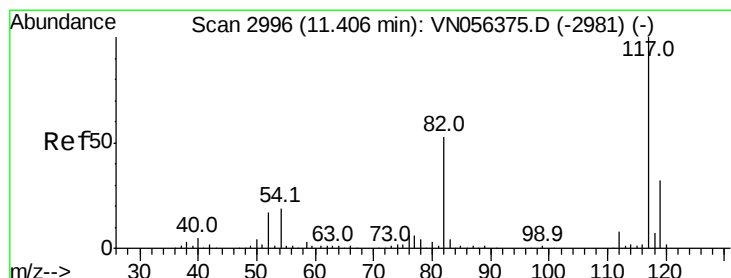
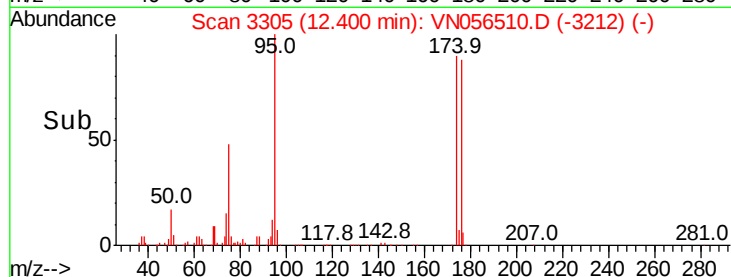
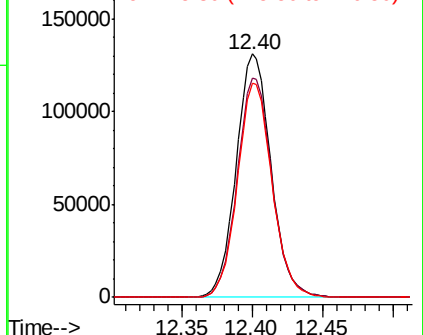
176 87.7 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056510.D

Acq: 26 Jun 2019 16:45

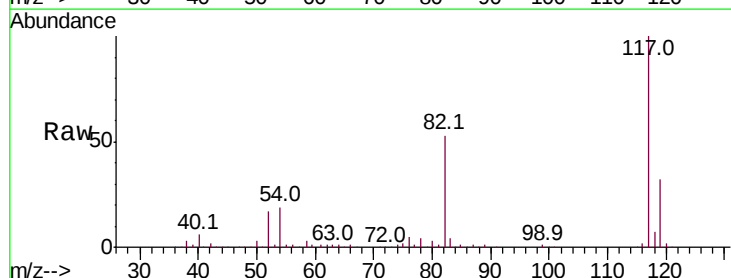
Tgt Ion: 117 Resp: 581869

Ion Ratio Lower Upper

117 100

82 52.5 42.0 63.0

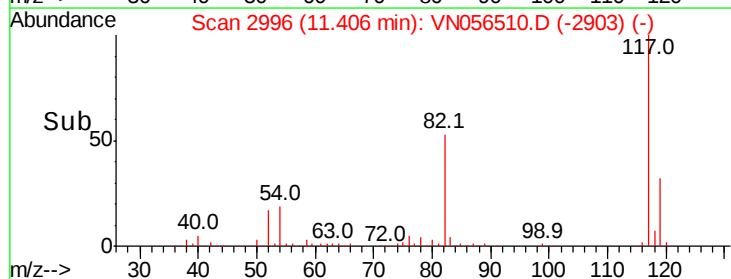
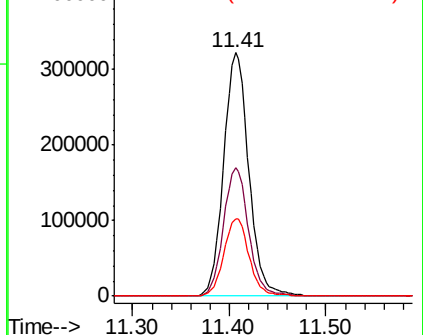
119 31.9 25.3 37.9

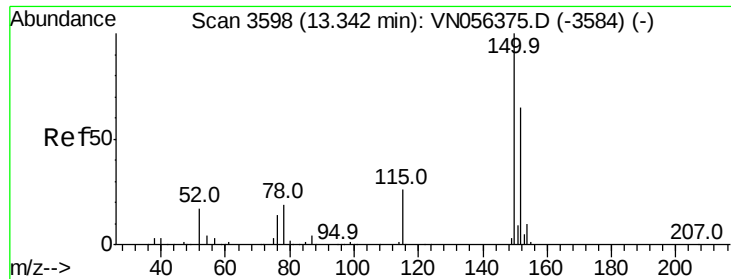


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056510.D

Acq: 26 Jun 2019 16:45

Instrument :

MSVOA_N

ClientSampleId :

TRIANGLE-AREA-SOIL-A

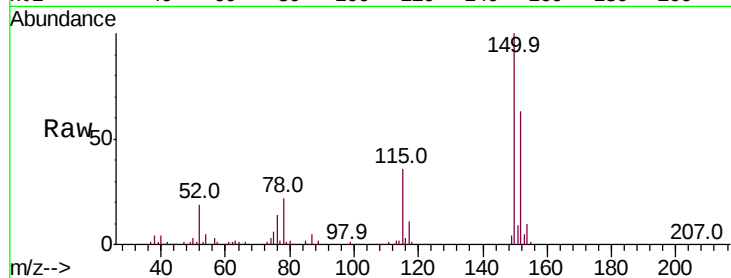
Tot Ion:152 Resp: 157063

Ion Ratio Lower Upper

152 100

115 55.6 28.1 84.4

150 156.7 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V

200000 Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

