

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\
 Data File : VN056826.D
 Acq On : 19 Jul 2019 12:58
 Operator : JC/SP
 Sample : PB121463ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121463ZHE#11

Quant Time: Jul 19 23:40:17 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

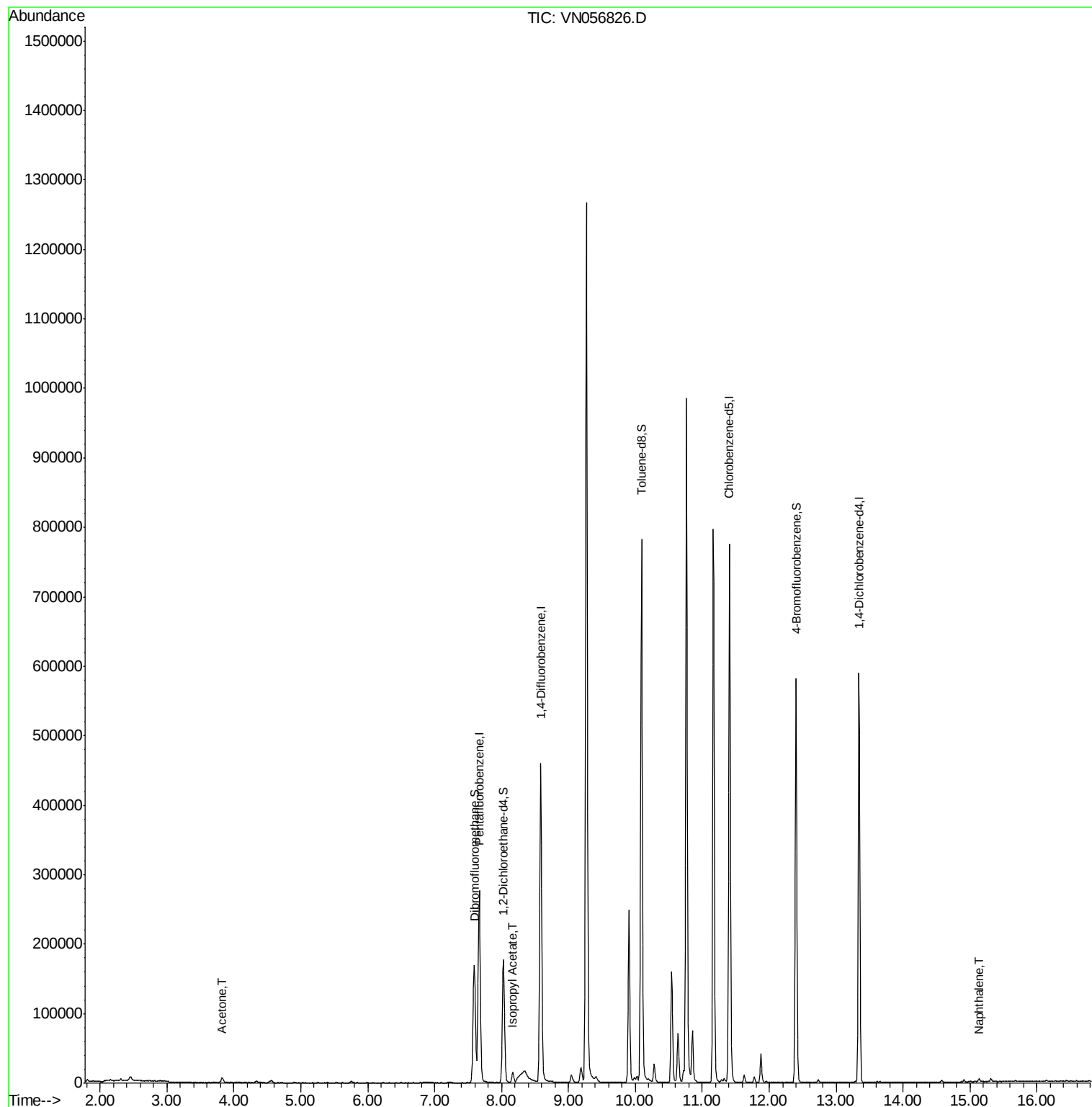
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	244671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	443410	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	490451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	172564	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	146449	54.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.22%	
35) Dibromofluoromethane	7.59	113	133098	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
50) Toluene-d8	10.09	98	576626	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.20%	
62) 4-Bromofluorobenzene	12.40	95	209734	58.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.72%	
Target Compounds						
16) Acetone	3.82	43	12854	10.306	ug/l	99
43) Isopropyl Acetate	8.17	43	17797	2.799	ug/l #	89
95) Naphthalene	15.13	128	5455	5.062	ug/l #	90

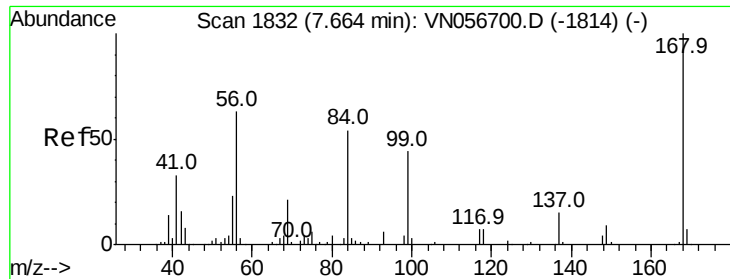
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 16 07:03:34 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056826.D

Acq: 19 Jul 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

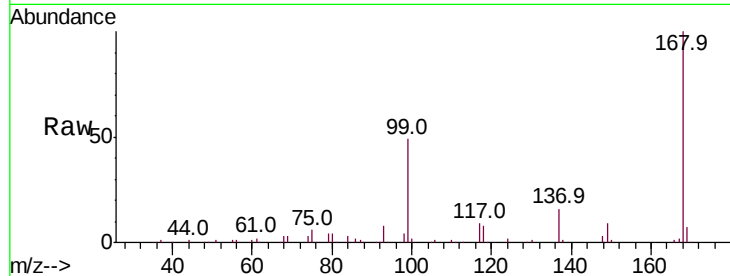
PB121463ZHE#11

Tot Ion:168 Resp: 244671

Ion Ratio Lower Upper

168 100

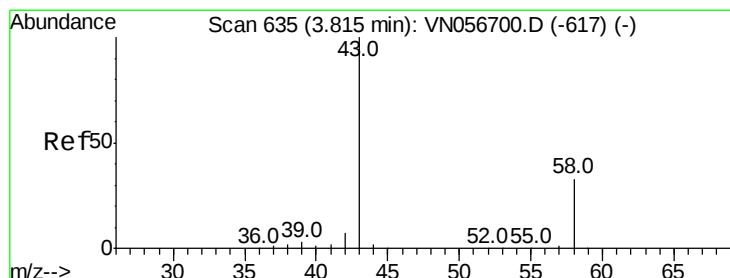
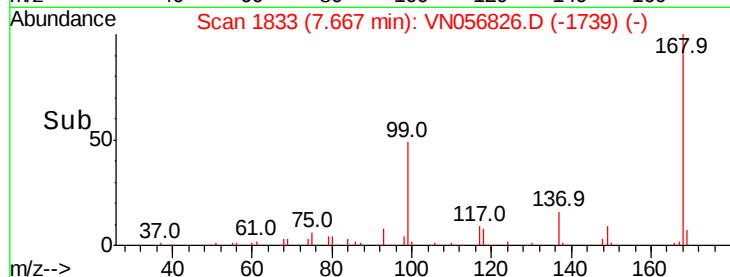
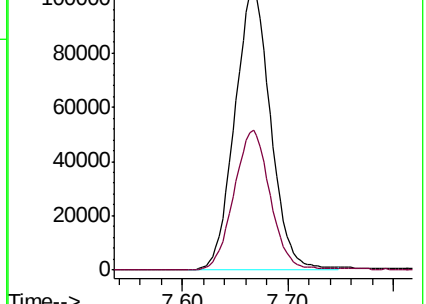
99 49.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056826.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056826.D (-1739) (-)

7.67



#16

Acetone

Concen: 10.306 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN056826.D

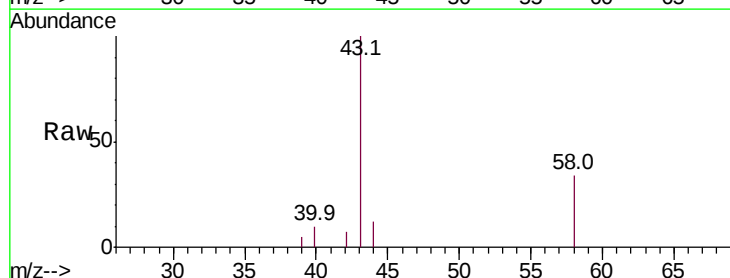
Acq: 19 Jul 2019 12:58

Tgt Ion: 43 Resp: 12854

Ion Ratio Lower Upper

43 100

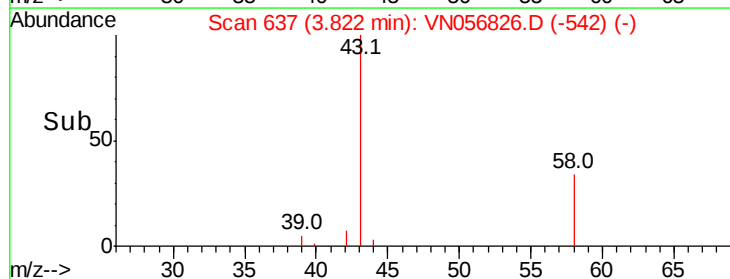
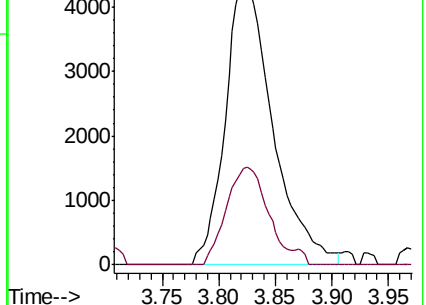
58 33.9 26.7 40.1

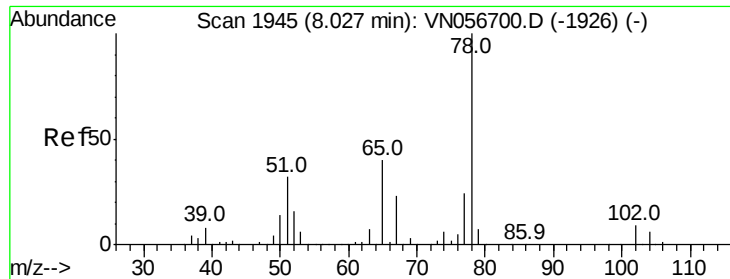


Abundance Ion 43.00 (42.70 to 43.70): VN056826.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN056826.D (-542) (-)

3.82





#33

1,2-Dichloroethane-d4

Concen: 54.112 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056826.D

Acq: 19 Jul 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

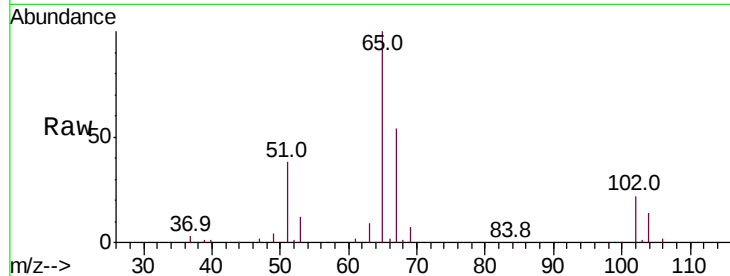
PB121463ZHE#11

Tot Ion: 65 Resp: 146449

Ion Ratio Lower Upper

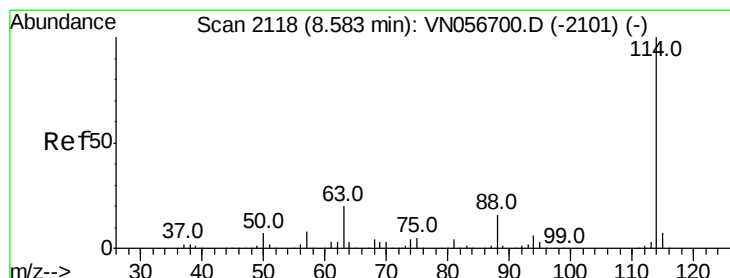
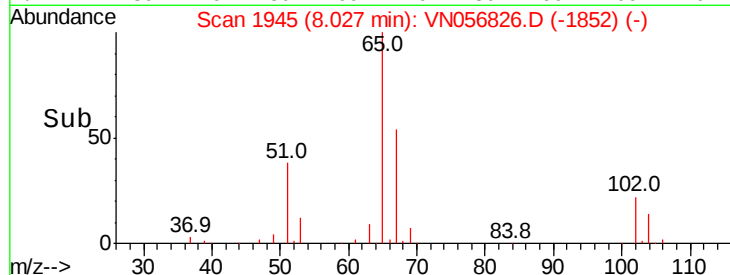
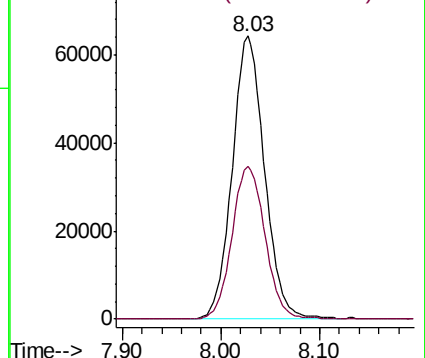
65 100

67 55.3 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056826.D

Acq: 19 Jul 2019 12:58

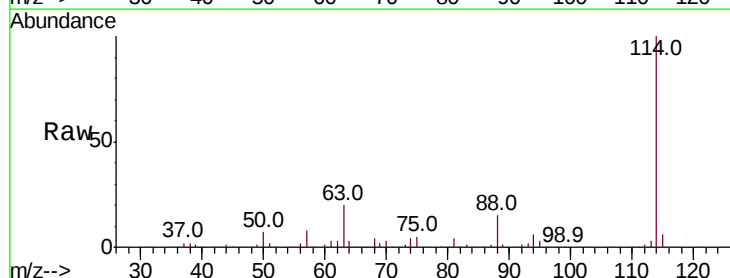
Tgt Ion: 114 Resp: 443410

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

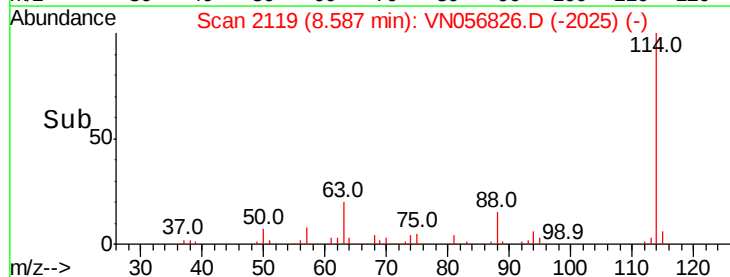
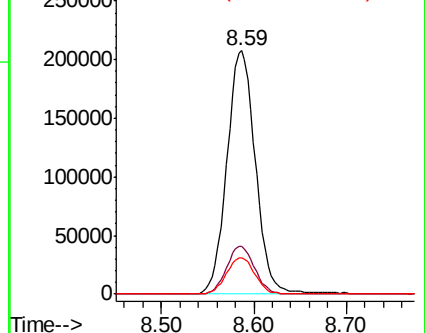
88 15.1 0.0 31.2

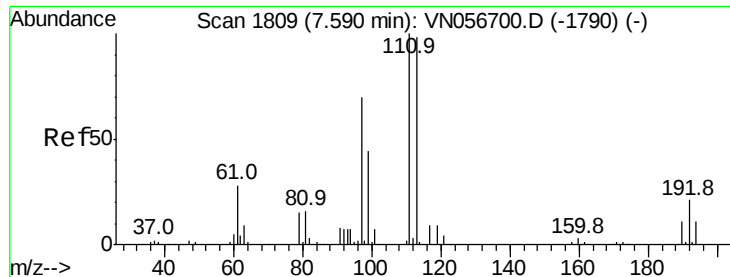


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





#35

Dibromofluoromethane

Concen: 48.234 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056826.D

Acq: 19 Jul 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

PB121463ZHE#11

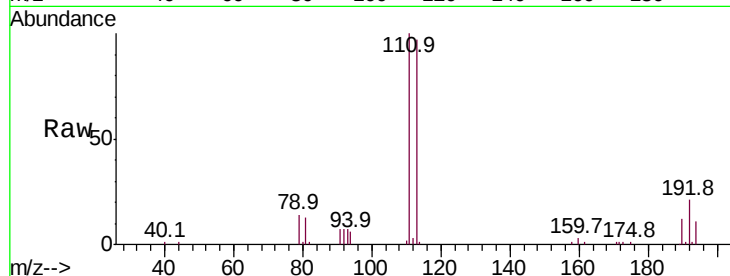
Tot Ion:113 Resp: 133098

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.6

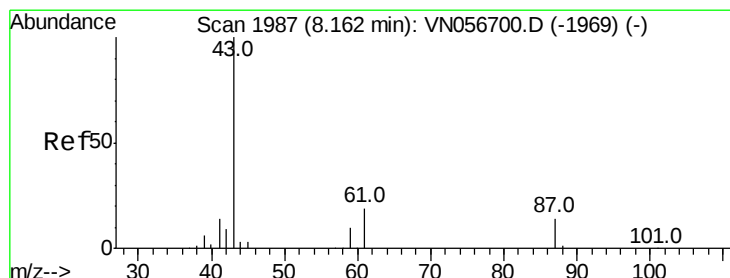
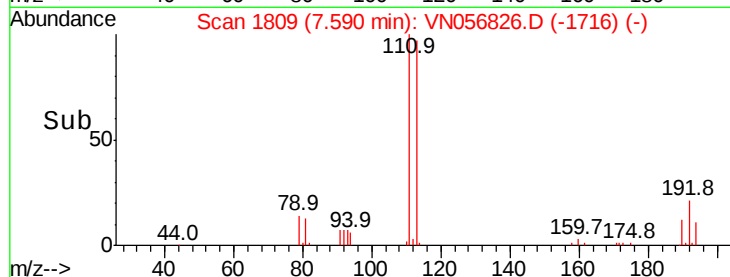
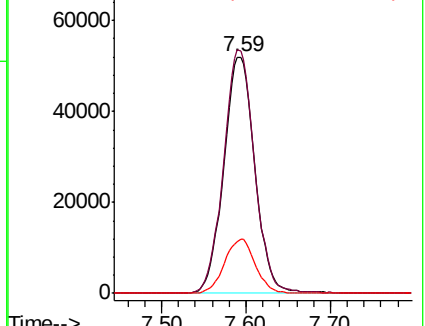
192 22.6 17.5 26.3



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: 2.799 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056826.D

Acq: 19 Jul 2019 12:58

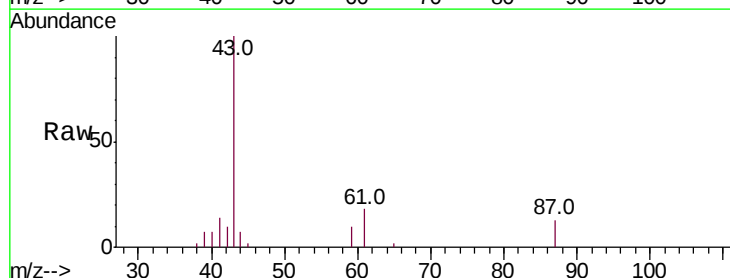
Tgt Ion: 43 Resp: 17797

Ion Ratio Lower Upper

43 100

61 19.8 22.3 33.5#

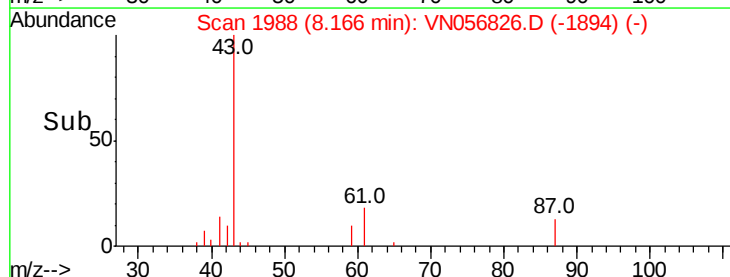
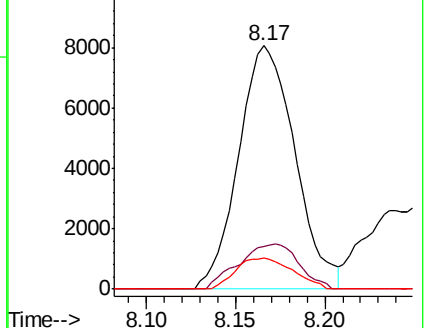
87 12.8 11.1 16.7

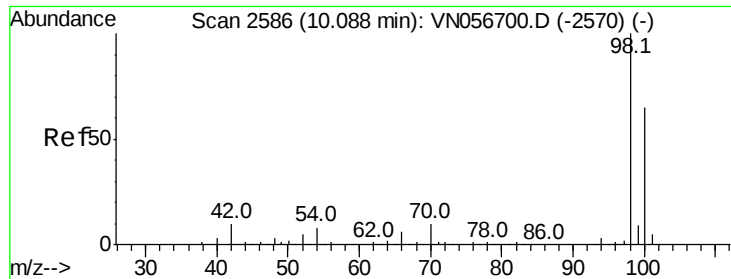


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 54.105 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056826.D

Acq: 19 Jul 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

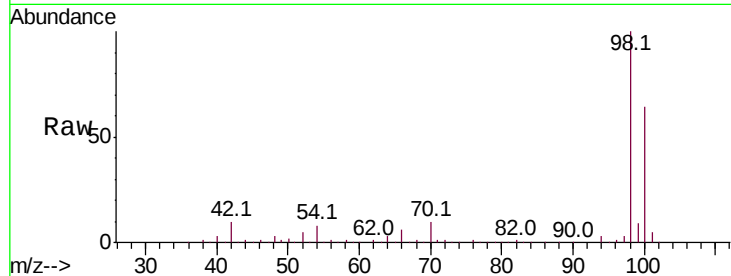
PB121463ZHE#11

Tot Ion: 98 Resp: 576626

Ion Ratio Lower Upper

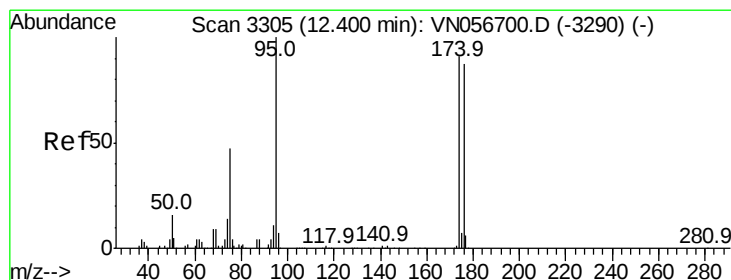
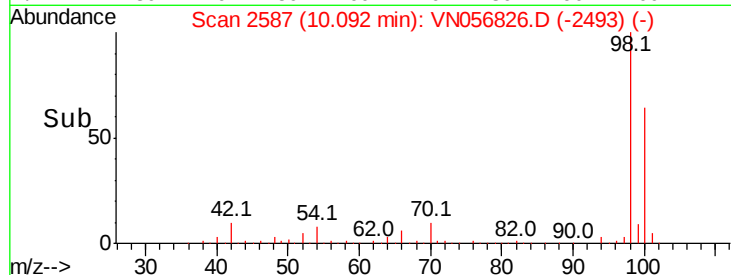
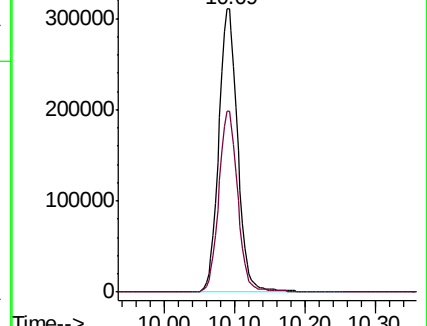
98 100

100 64.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056700.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056700.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 58.355 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056826.D

Acq: 19 Jul 2019 12:58

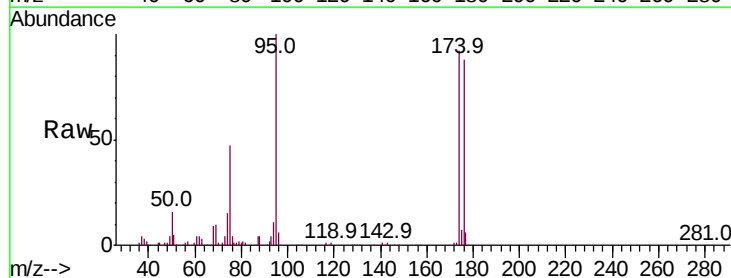
Tgt Ion: 95 Resp: 209734

Ion Ratio Lower Upper

95 100

174 91.4 0.0 180.0

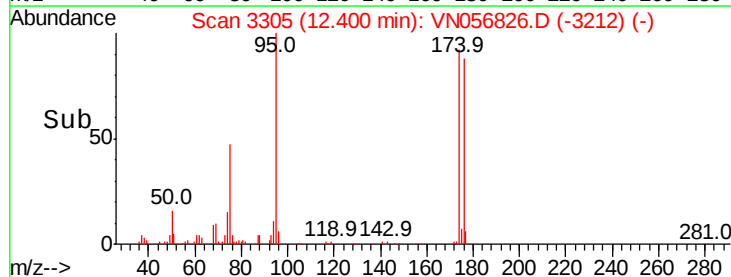
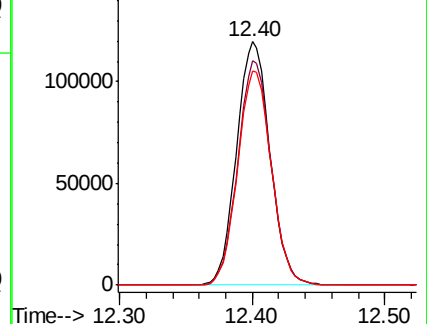
176 88.6 0.0 173.2

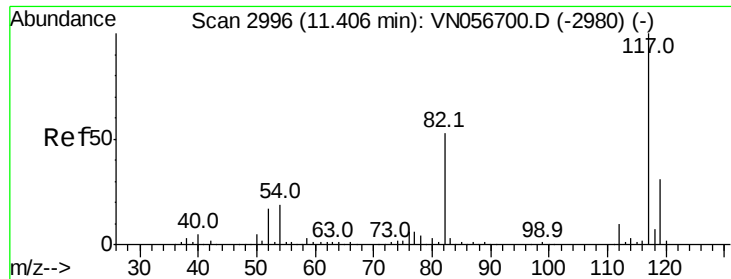


Abundance Ion 94.90 (94.60 to 95.60): VN056700.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN056700.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN056700.D (-3290) (-)

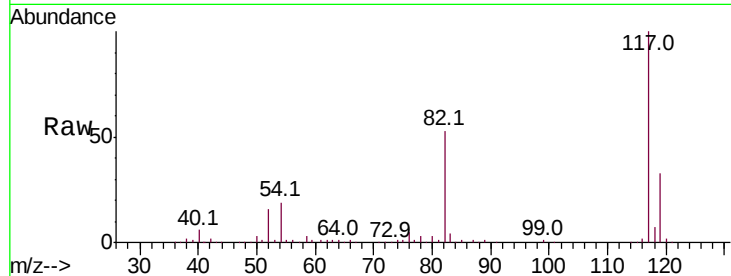




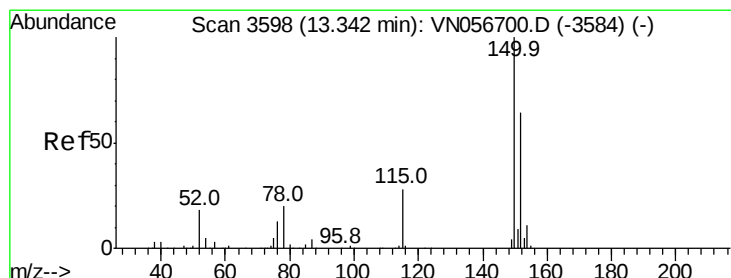
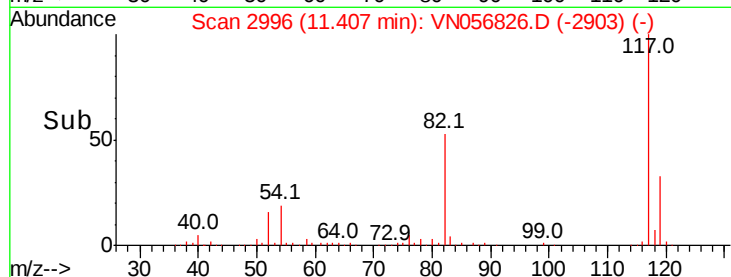
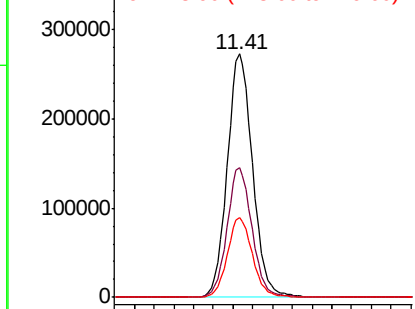
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056826.D
Acq: 19 Jul 2019 12:58

Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#11

Tot Ion:117 Resp: 490451
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.2
119 32.5 25.2 37.8

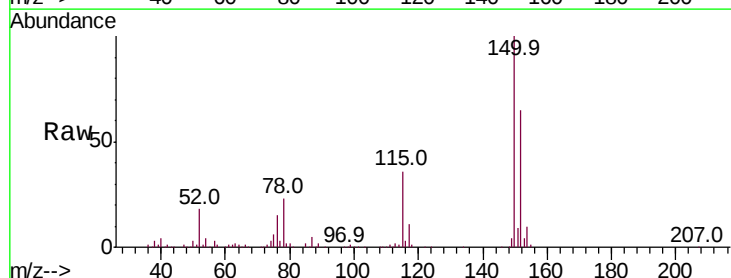


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

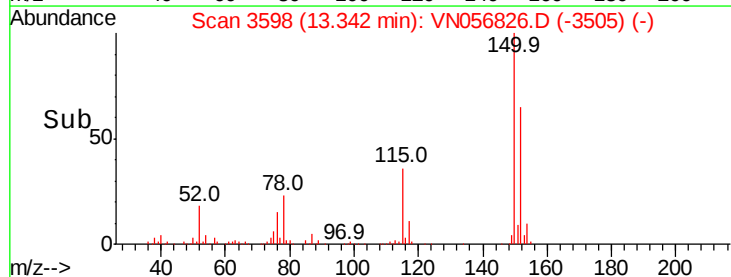
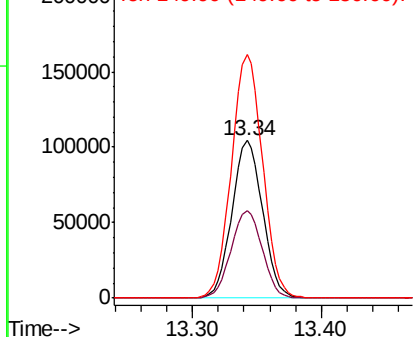


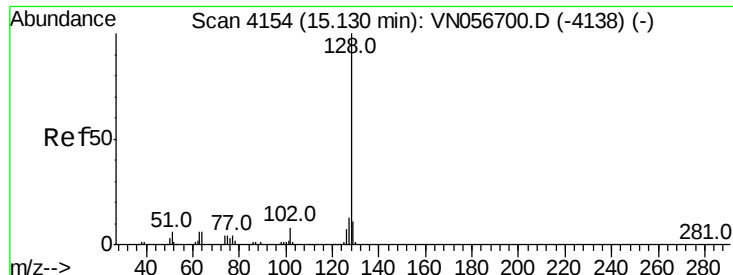
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056826.D
Acq: 19 Jul 2019 12:58

Tgt Ion:152 Resp: 172564
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 156.8 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





#95

Naphthalene

Concen: 5.062 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056826.D

Acq: 19 Jul 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

PB121463ZHE#11

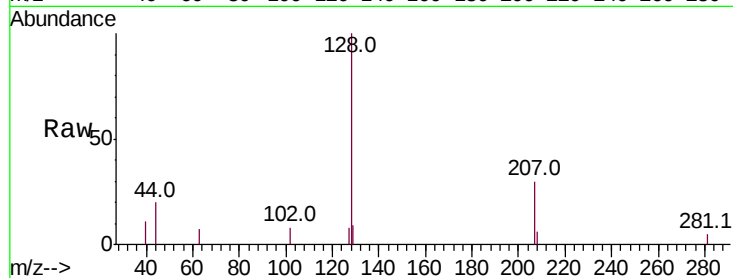
Tot Ion:128 Resp: 5455

Ion Ratio Lower Upper

128 100

127 9.4 10.3 15.5#

129 6.4 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

