

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\
 Data File : VN056828.D
 Acq On : 19 Jul 2019 13:44
 Operator : JC/SP
 Sample : PB121463ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121463ZHE#13

Quant Time: Jul 19 23:43:54 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

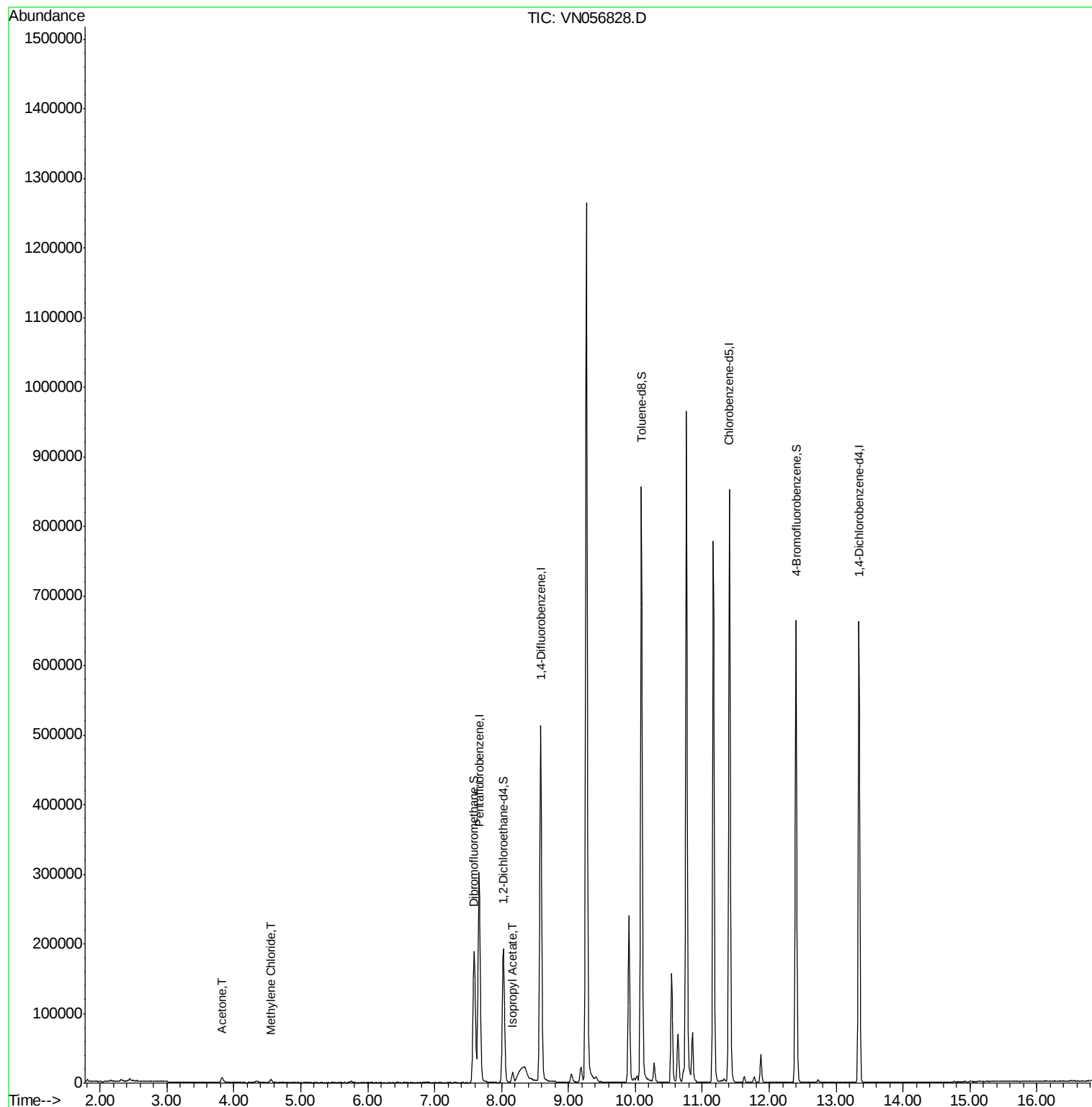
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	273658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	492673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	539644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	162108	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.10%	
35) Dibromofluoromethane	7.59	113	146726	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
50) Toluene-d8	10.09	98	630795	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.40	95	235034	58.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.72%	
Target Compounds						
16) Acetone	3.82	43	13057	9.360	ug/l	96
20) Methylene Chloride	4.55	84	3433	1.126	ug/l	95
43) Isopropyl Acetate	8.17	43	17723	2.509	ug/l #	85

(#) = 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: VN056828.D

Acq: 19 Jul 2019 13:44

Instrument :

MSVOA_N

ClientSampleId :

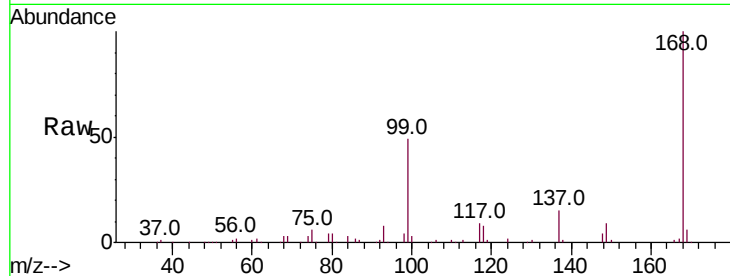
PB121463ZHE#13

Tot Ion:168 Resp: 273658

Ion Ratio Lower Upper

168 100

99 49.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

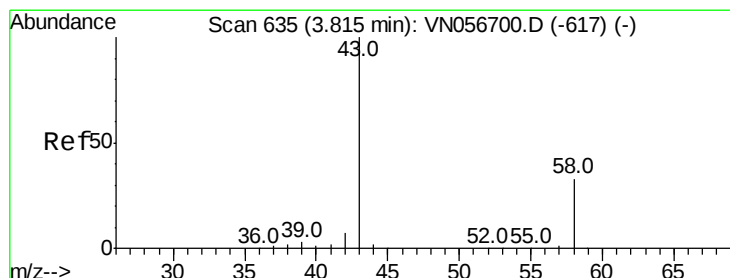
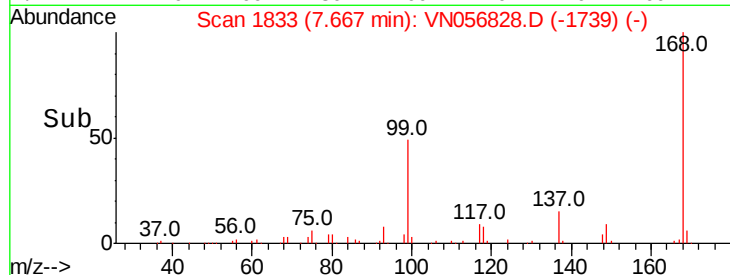
7.67

100000

50000

0

Time-->



#16

Acetone

Concen: 9.360 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN056828.D

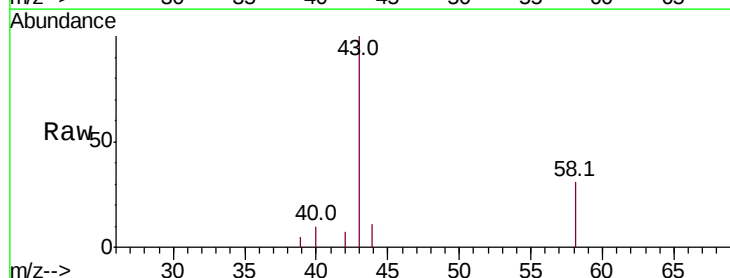
Acq: 19 Jul 2019 13:44

Tgt Ion: 43 Resp: 13057

Ion Ratio Lower Upper

43 100

58 31.3 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

5000

4000

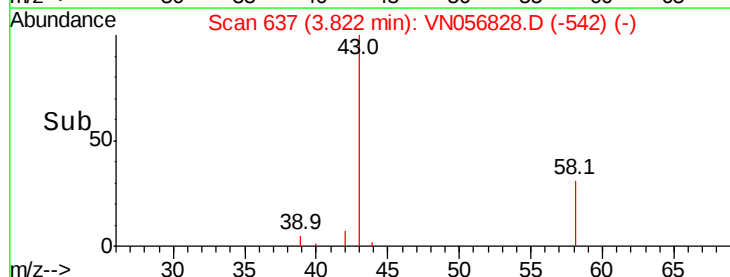
3000

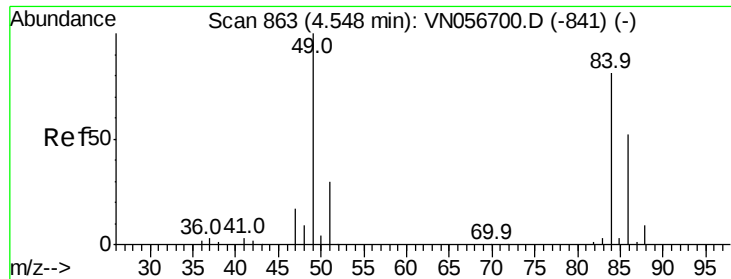
2000

1000

0

Time-->

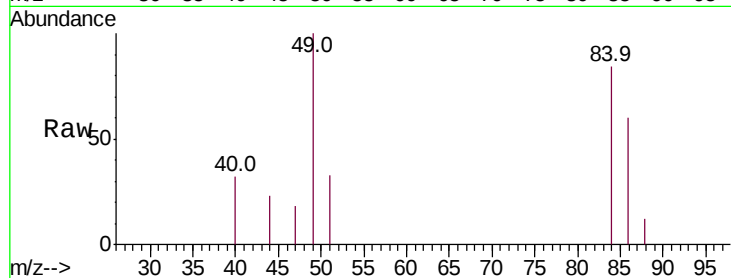




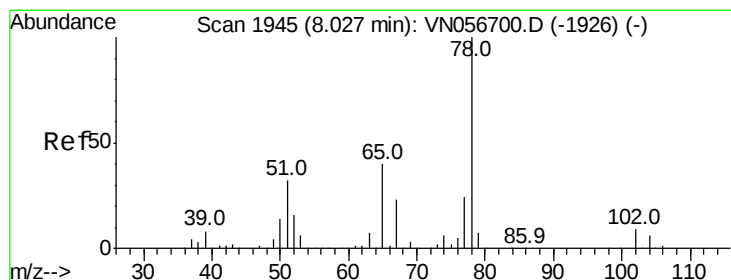
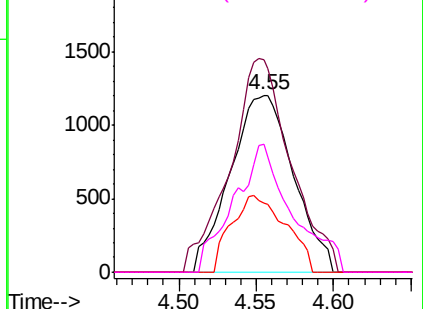
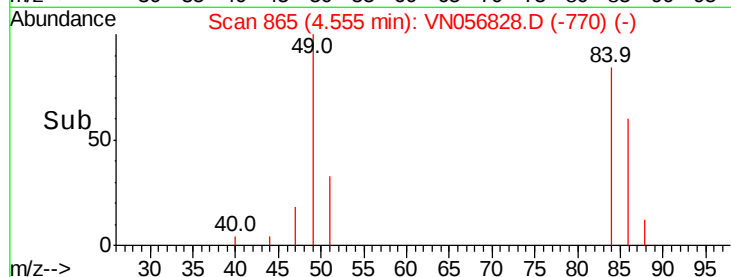
#20
Methvlene Chloride
Concen: 1.126 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN056828.D
Acq: 19 Jul 2019 13:44

Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#13

Tot Ion: 84 Resp: 3433
Ion Ratio Lower Upper
84 100
49 119.8 98.2 147.4
51 39.1 29.6 44.4
86 71.9 51.0 76.4

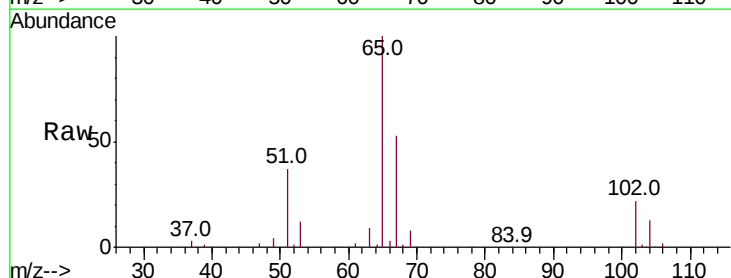


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

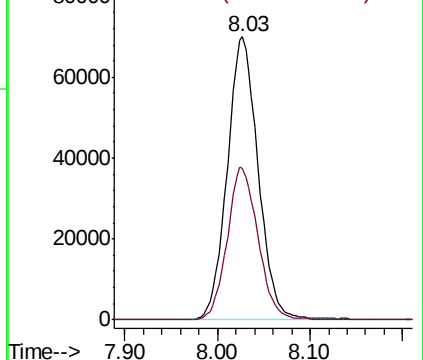
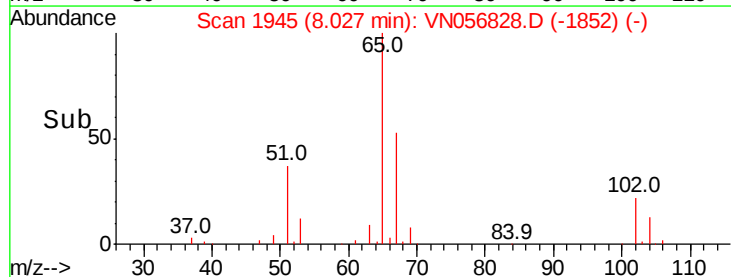


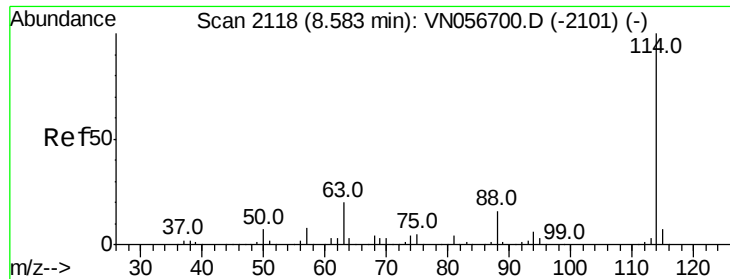
#33
1,2-Dichloroethane-d4
Concen: 53.553 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056828.D
Acq: 19 Jul 2019 13:44

Tgt Ion: 65 Resp: 162108
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

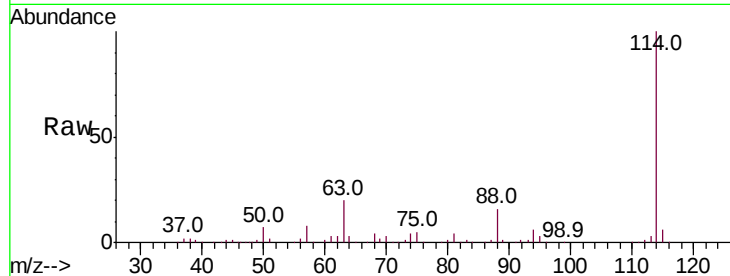




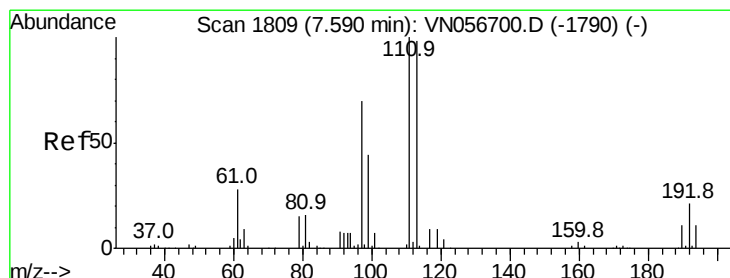
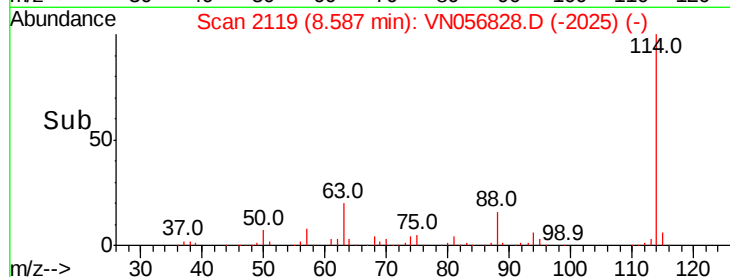
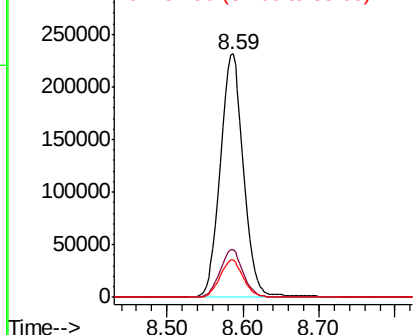
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056828.D
 Acq: 19 Jul 2019 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121463ZHE#13

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.4
88	15.6	0.0	31.2

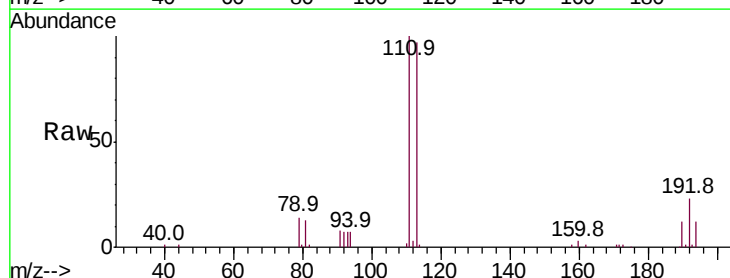


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

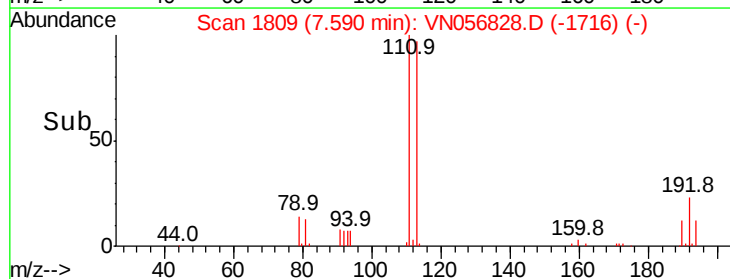
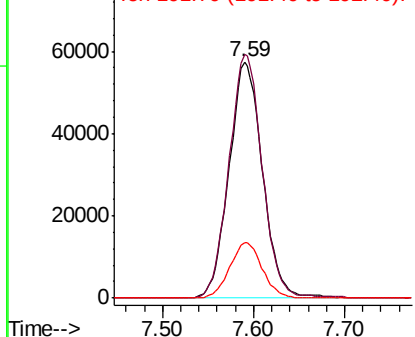


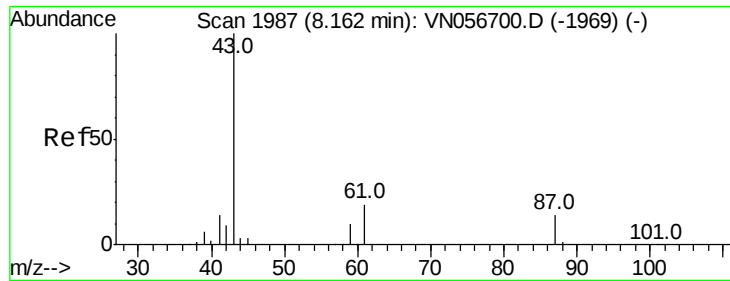
#35
 Dibromofluoromethane
 Concen: 47.856 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056828.D
 Acq: 19 Jul 2019 13:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	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: 2.509 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056828.D

Acq: 19 Jul 2019 13:44

Instrument :

MSVOA_N

ClientSampleId :

PB121463ZHE#13

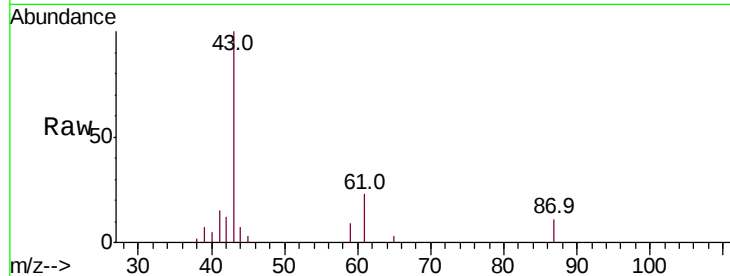
Tot Ion: 43 Resp: 17723

Ion Ratio Lower Upper

43 100

61 21.0 22.3 33.5#

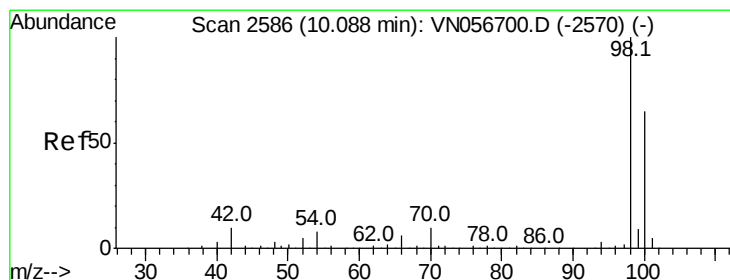
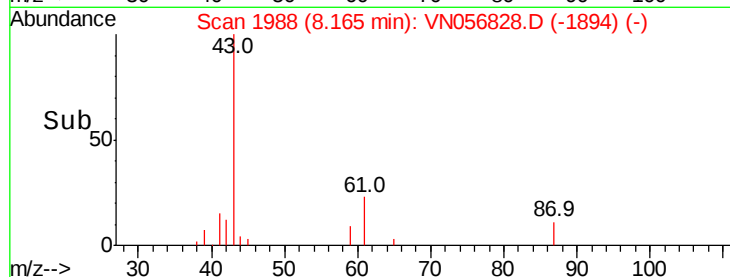
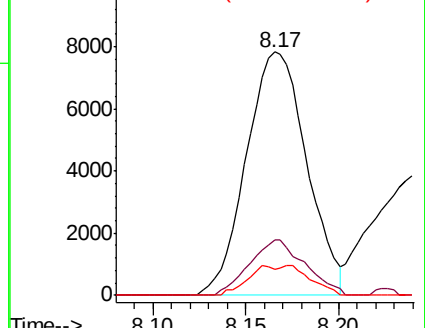
87 5.7 11.1 16.7#



Abundance Ion 43.00 (42.70 to 43.70): VN056700.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN056700.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN056700.D (-1969) (-)



#50

Toluene-d8

Concen: 53.269 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056828.D

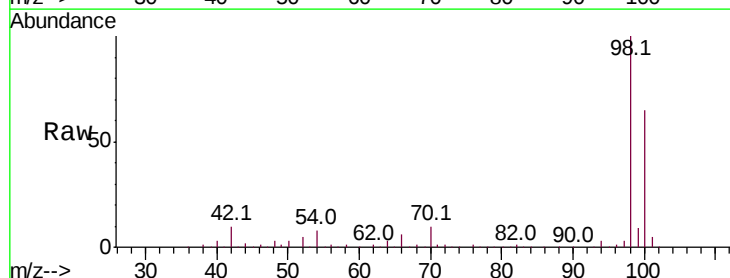
Acq: 19 Jul 2019 13:44

Tgt Ion: 98 Resp: 630795

Ion Ratio Lower Upper

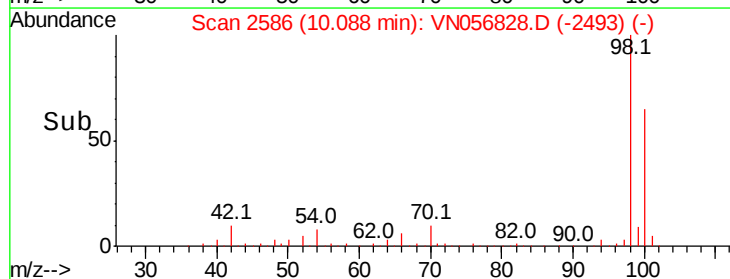
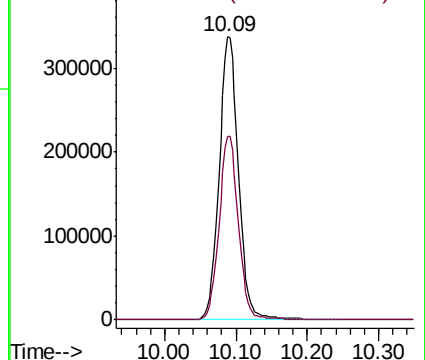
98 100

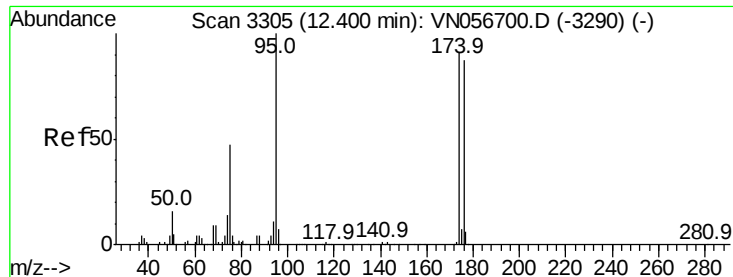
100 64.8 52.0 78.0



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

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

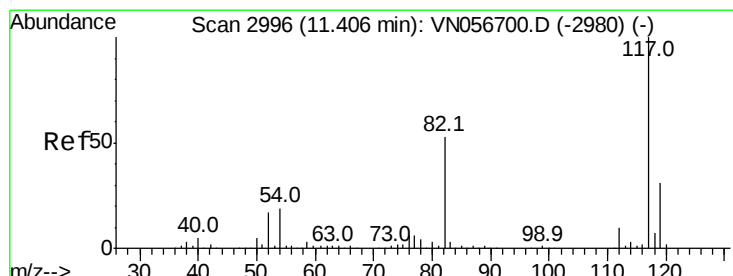
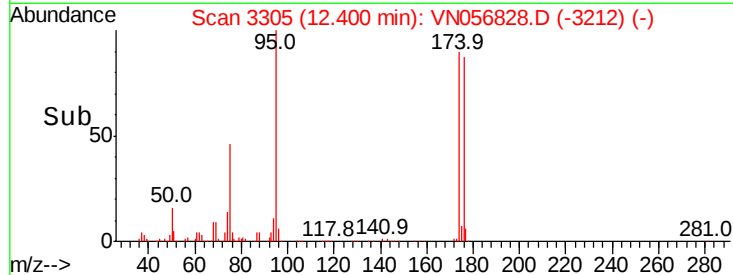
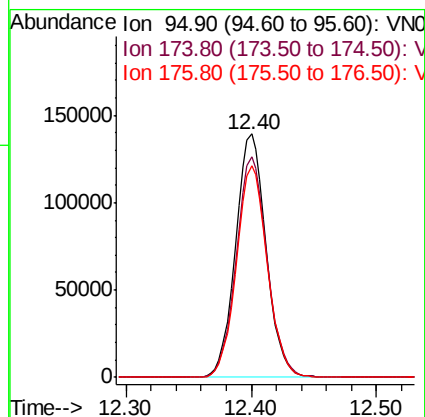
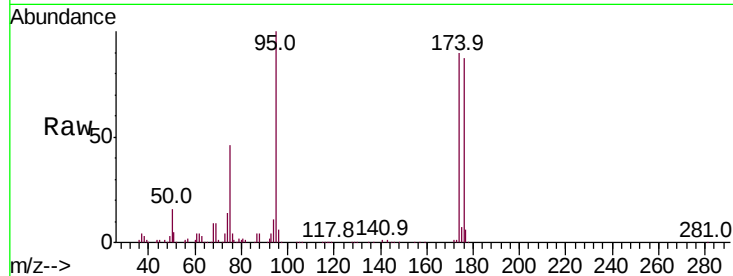




#62
4-Bromofluorobenzene
Concen: 58.856 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056828.D
Acq: 19 Jul 2019 13:44

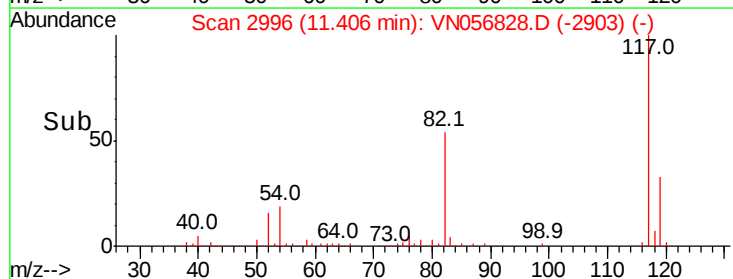
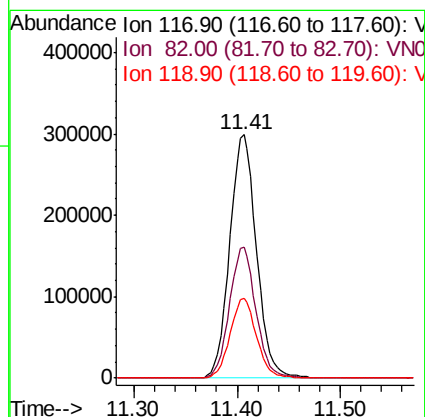
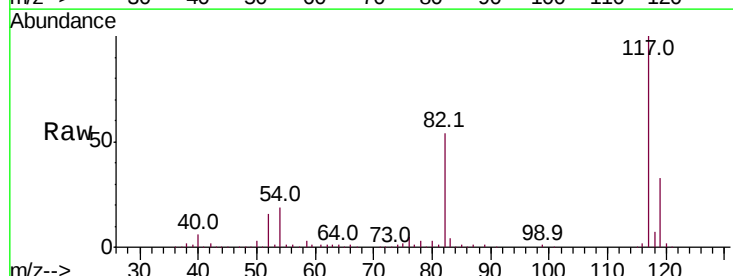
Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#13

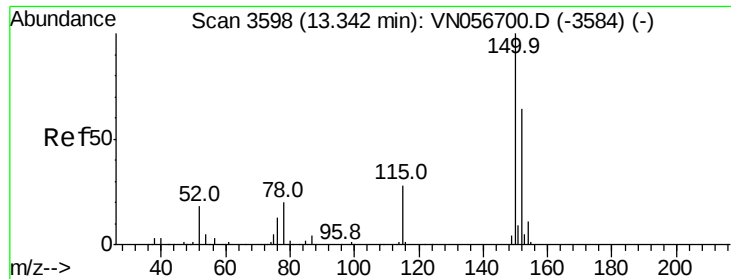
Tot Ion: 95 Resp: 235034
Ion Ratio Lower Upper
95 100
174 91.8 0.0 180.0
176 88.0 0.0 173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056828.D
Acq: 19 Jul 2019 13:44

Tgt Ion: 117 Resp: 539644
Ion Ratio Lower Upper
117 100
82 53.9 42.2 63.2
119 32.7 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: VN056828.D

Acq: 19 Jul 2019 13:44

Instrument :

MSVOA_N

ClientSampleId :

PB121463ZHE#13

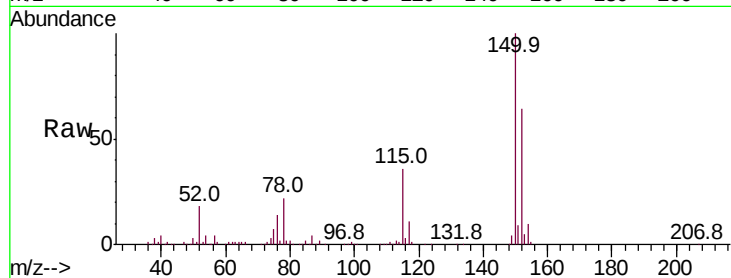
Tot Ion:152 Resp: 196805

Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 155.0 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

