

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056432.D
 Acq On : 21 Jun 2019 17:36
 Operator : JC/SP
 Sample : PB120805ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120805ZHE#03

Quant Time: Jun 22 03:31:00 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

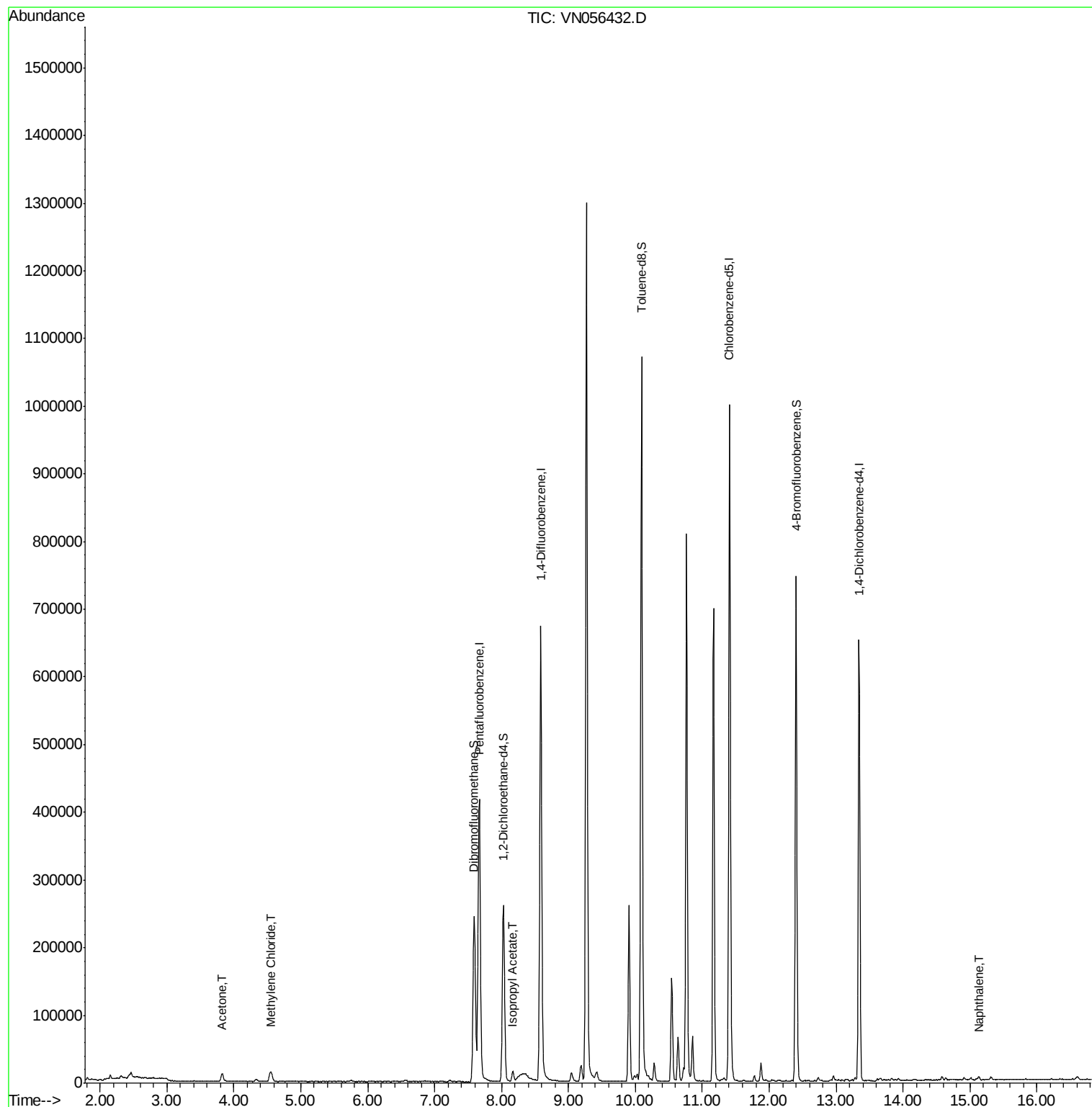
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	388407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	652406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	644541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	195312	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	221434	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
35) Dibromofluoromethane	7.59	113	192570	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
50) Toluene-d8	10.09	98	809201	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.40	95	266524	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
Target Compounds						
16) Acetone	3.82	43	21173	9.817	ug/l	95
20) Methylene Chloride	4.55	84	12049	2.111	ug/l	98
43) Isopropyl Acetate	8.17	43	17673	2.031	ug/l #	91
95) Naphthalene	15.13	128	4785	5.724	ug/l #	96

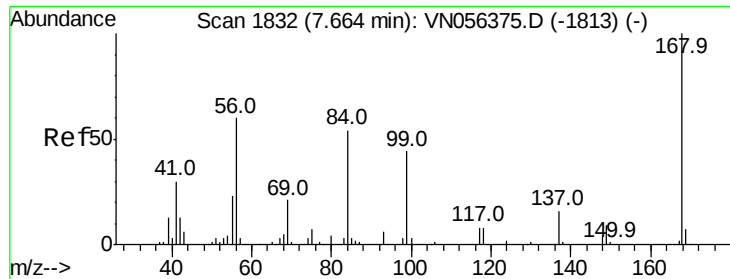
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062119\
Data File : VN056432.D
Acq On : 21 Jun 2019 17:36
Operator : JC/SP
Sample : PB120805ZHE#03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB120805ZHE#03

Quant Time: Jun 22 03:31:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 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: VN056432.D

Acq: 21 Jun 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

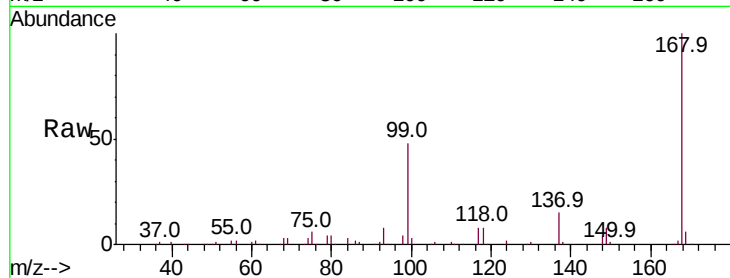
PB120805ZHE#03

Tot Ion:168 Resp: 388407

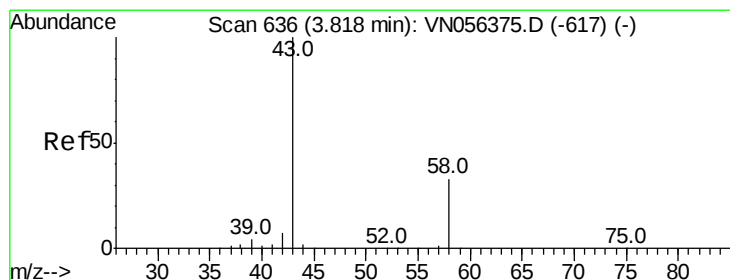
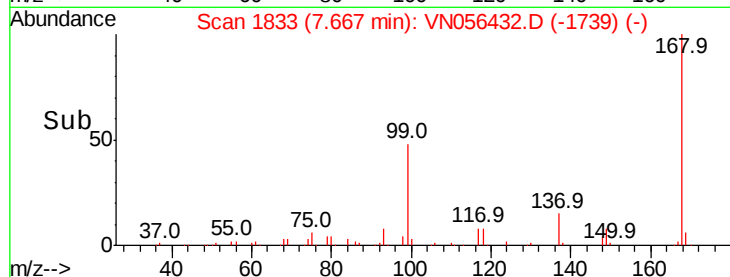
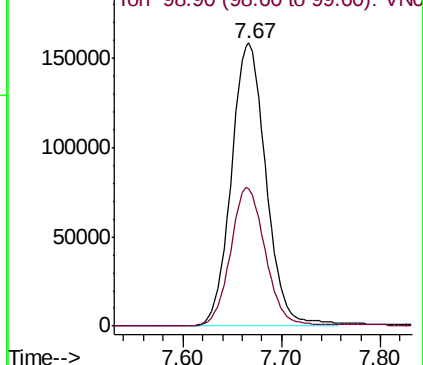
Ion Ratio Lower Upper

168 100

99 48.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056432.D (-1739) (-)



#16

Acetone

Concen: 9.817 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056432.D

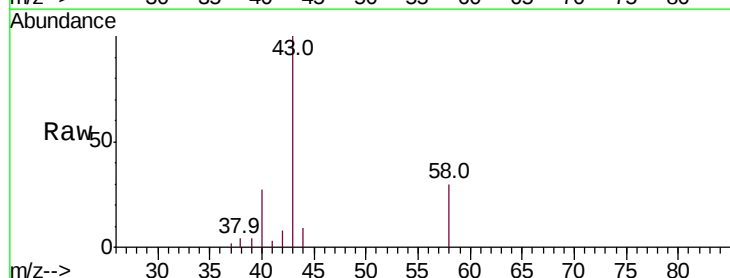
Acq: 21 Jun 2019 17:36

Tgt Ion: 43 Resp: 21173

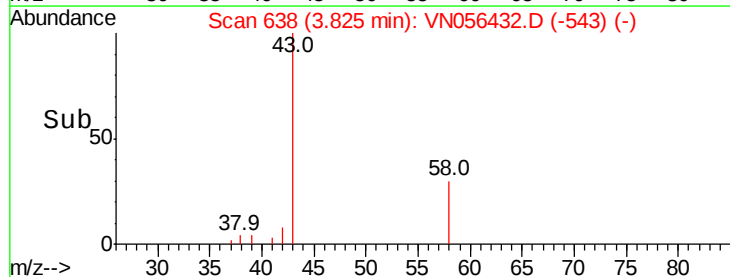
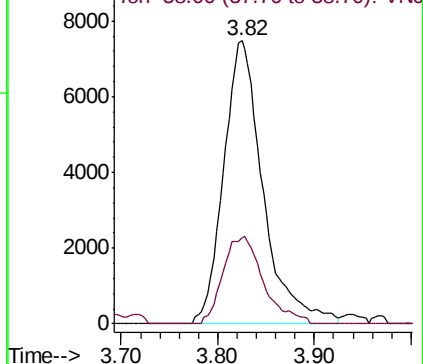
Ion Ratio Lower Upper

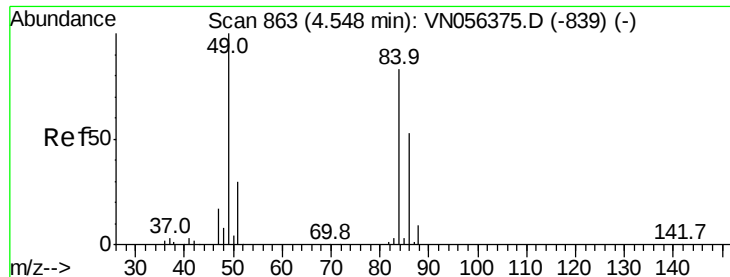
43 100

58 30.3 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN056432.D (-543) (-)

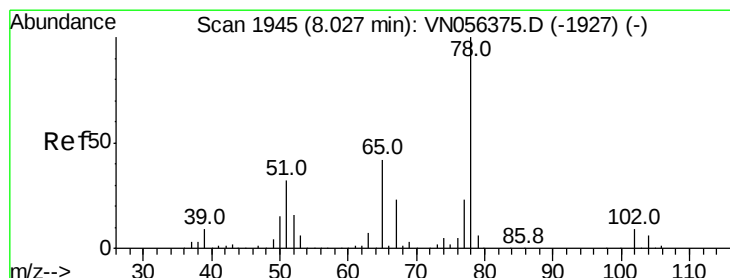
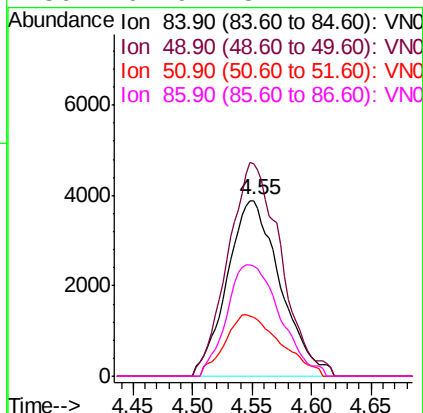
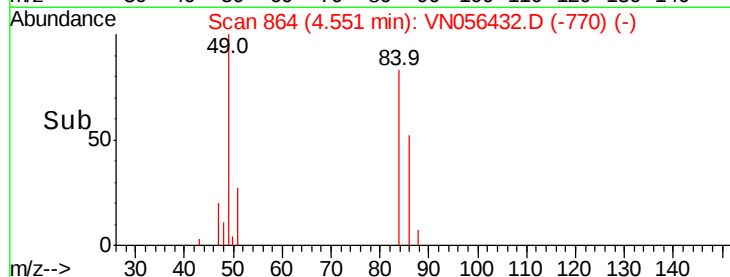
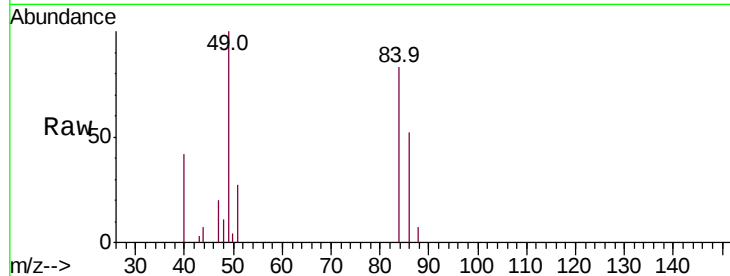




#20
Methylene Chloride
Concen: 2.111 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056432.D
Acq: 21 Jun 2019 17:36

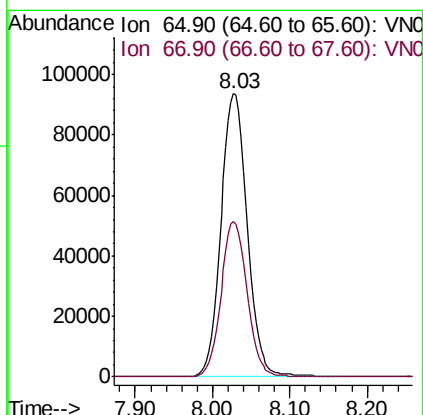
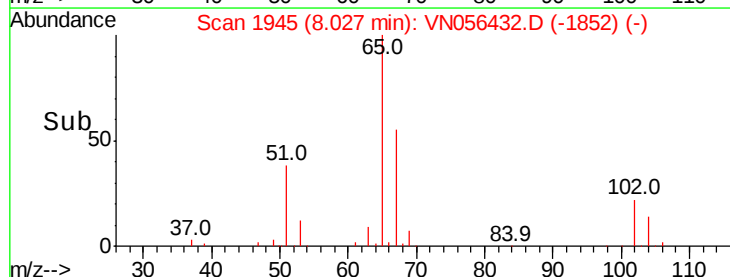
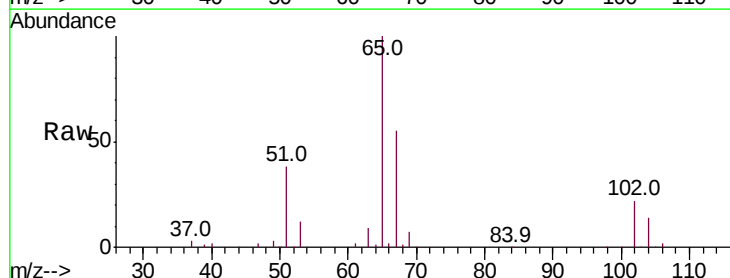
Instrument :
MSVOA_N
ClientSampleId :
PB120805ZHE#03

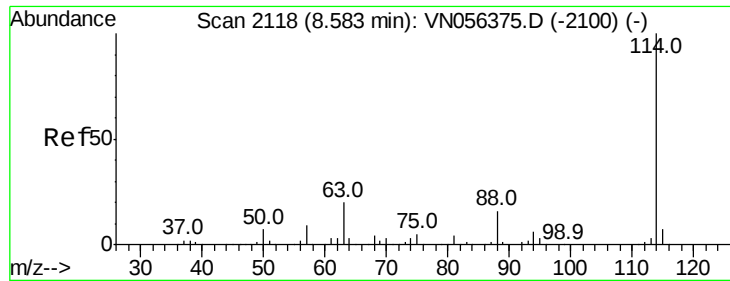
Tot Ion: 84 Resp: 12049
Ion Ratio Lower Upper
84 100
49 121.1 96.4 144.6
51 33.2 28.6 43.0
86 62.9 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 51.440 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056432.D
Acq: 21 Jun 2019 17:36

Tgt Ion: 65 Resp: 221434
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.0

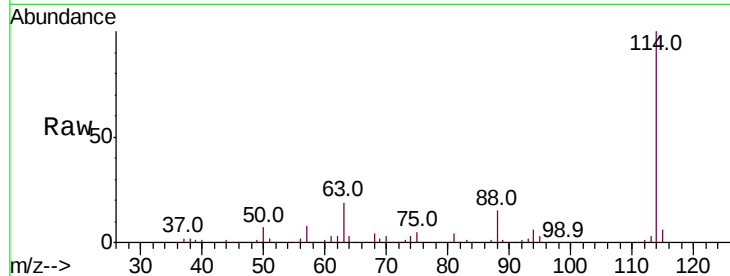




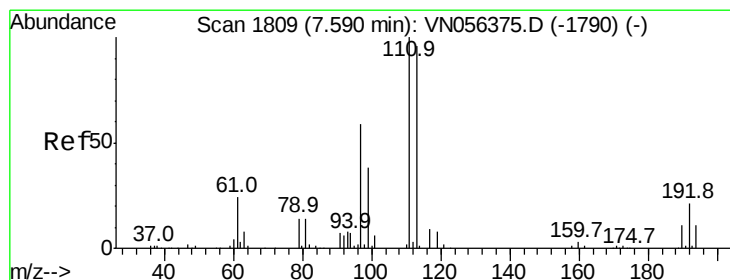
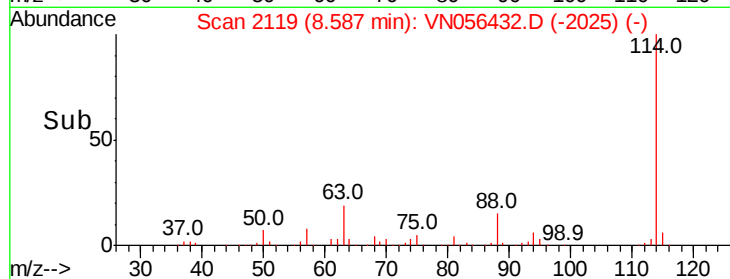
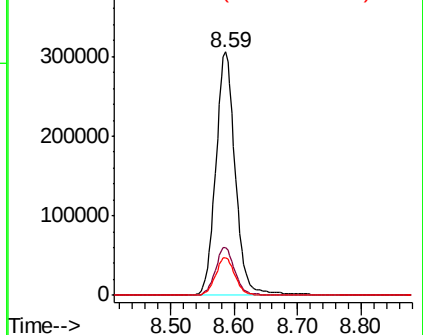
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056432.D
 Acq: 21 Jun 2019 17:36

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120805ZHE#03

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.2
88	15.3	0.0	31.4

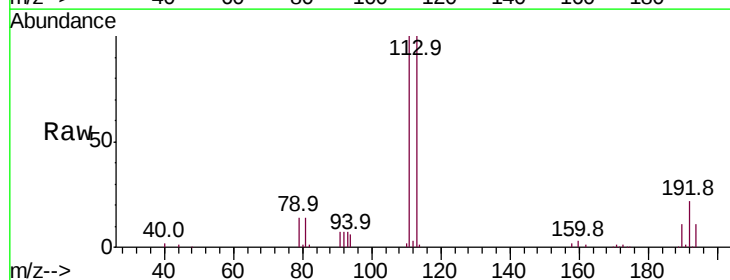


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

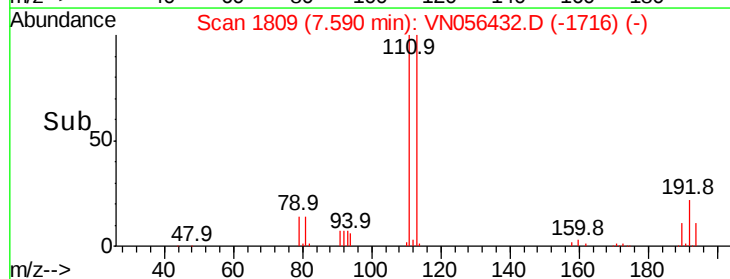
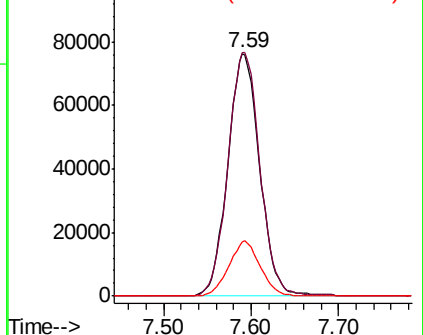


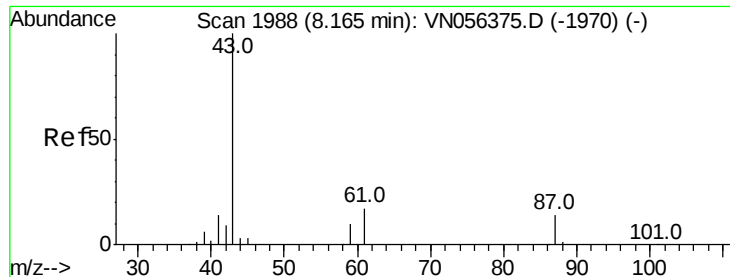
#35
 Dibromofluoromethane
 Concen: 47.315 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056432.D
 Acq: 21 Jun 2019 17:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.6	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: 2.031 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

PB120805ZHE#03

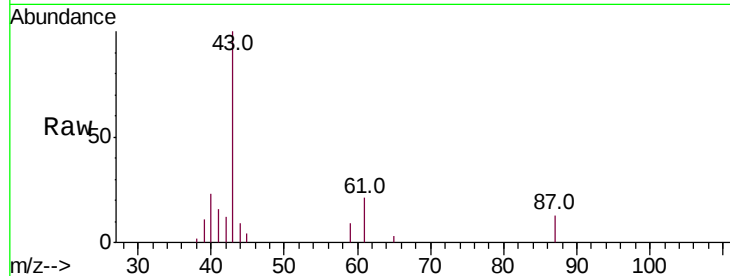
Tot Ion: 43 Resp: 17673

Ion Ratio Lower Upper

43 100

61 20.9 22.0 33.0#

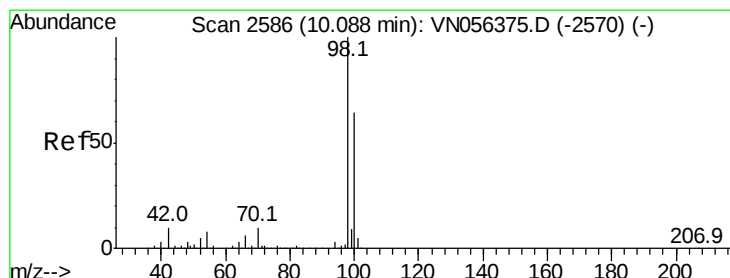
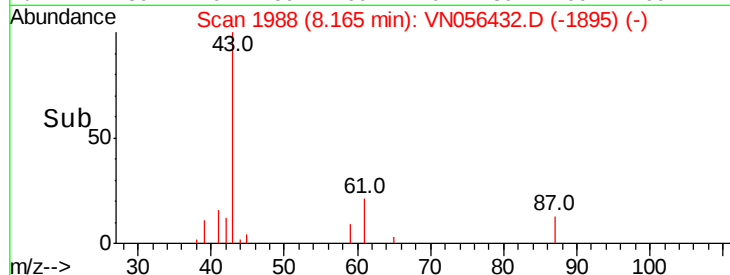
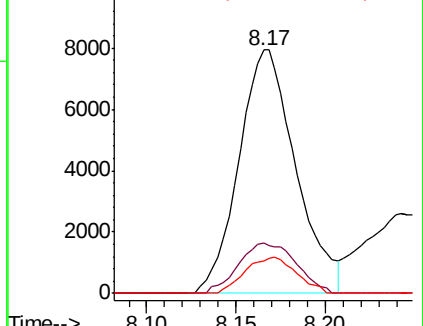
87 13.3 11.0 16.4



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: 51.097 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056432.D

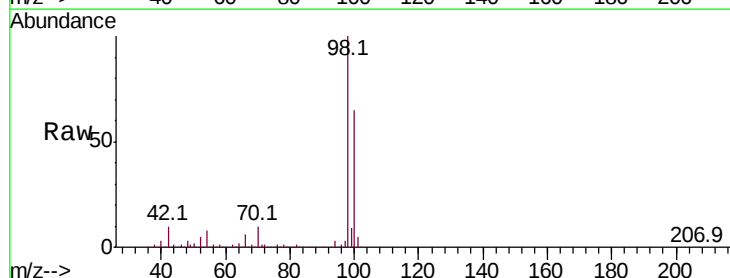
Acq: 21 Jun 2019 17:36

Tgt Ion: 98 Resp: 809201

Ion Ratio Lower Upper

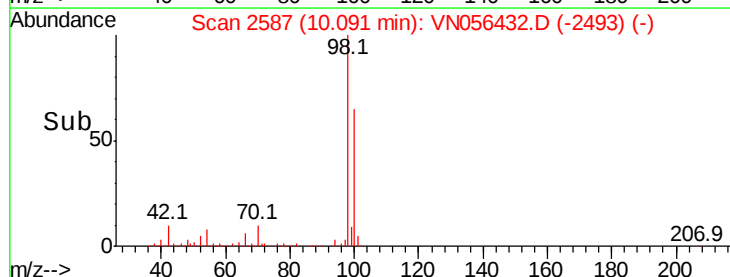
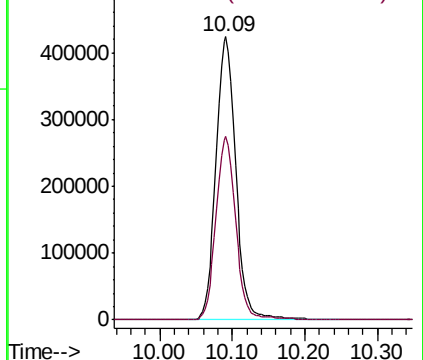
98 100

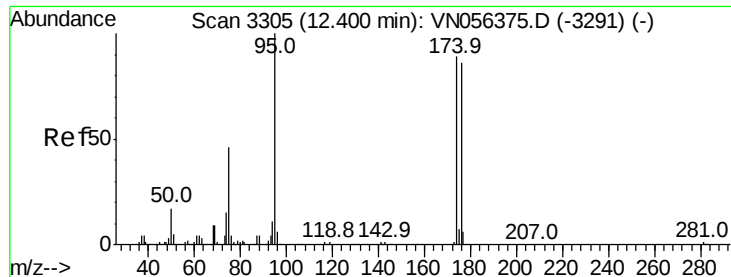
100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 50.486 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

PB120805ZHE#03

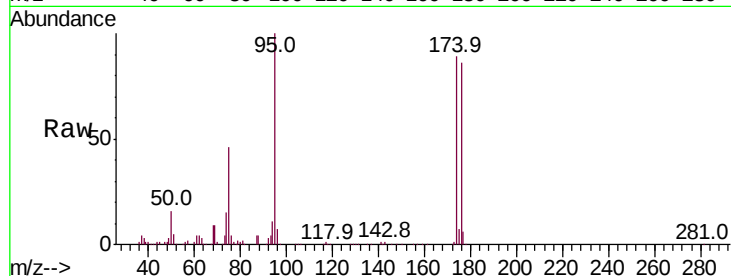
Tot Ion: 95 Resp: 266524

Ion Ratio Lower Upper

95 100

174 91.2 0.0 179.4

176 87.7 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056432.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN056432.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN056432.D (-2903) (-)

12.40

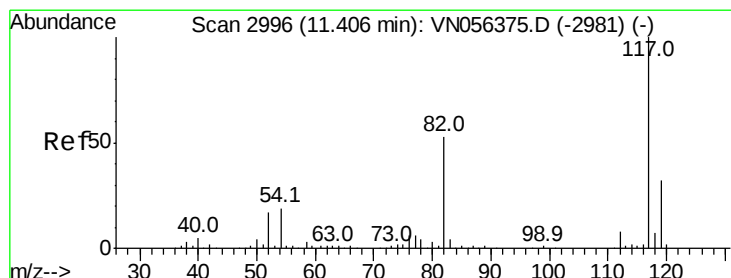
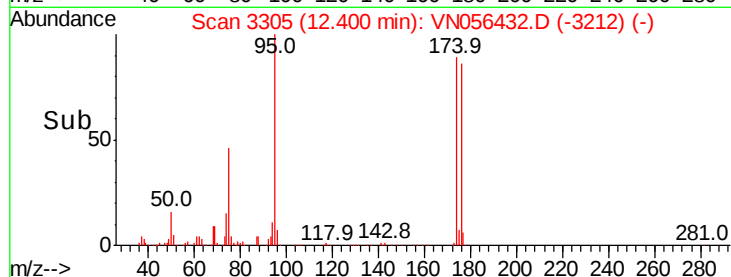
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

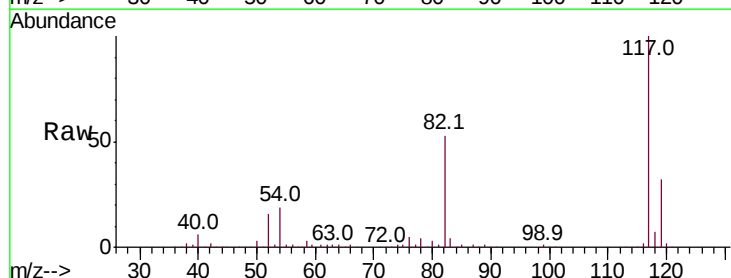
Tgt Ion: 117 Resp: 644541

Ion Ratio Lower Upper

117 100

82 52.5 42.0 63.0

119 31.8 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VN056432.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056432.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056432.D (-2903) (-)

11.41

400000

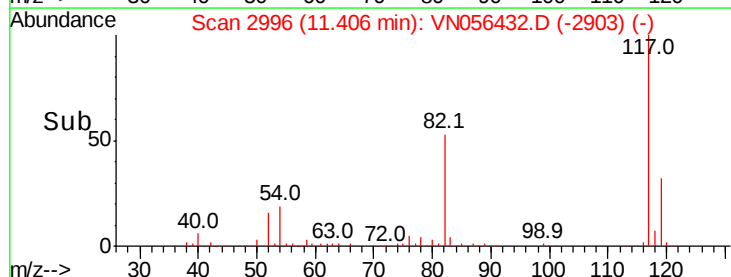
300000

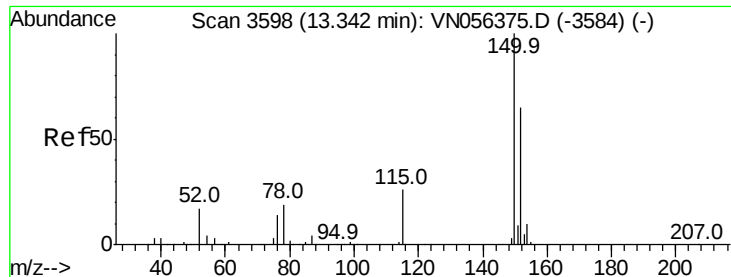
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

PB120805ZHE#03

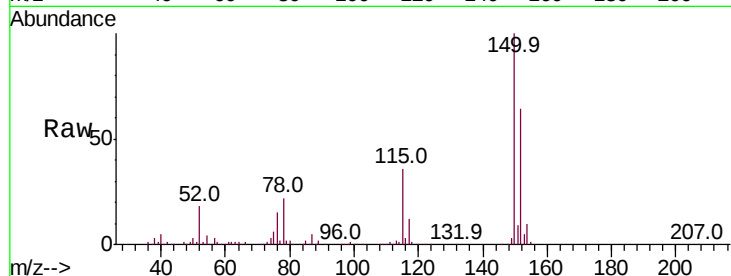
Tot Ion:152 Resp: 195312

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.4

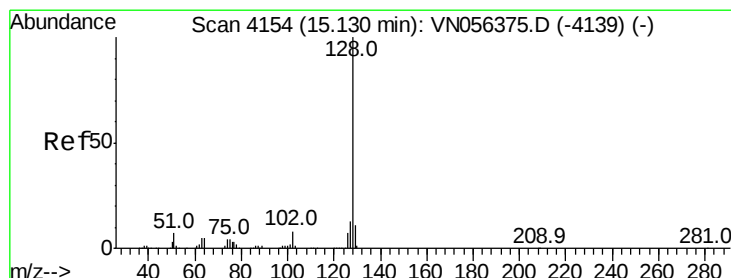
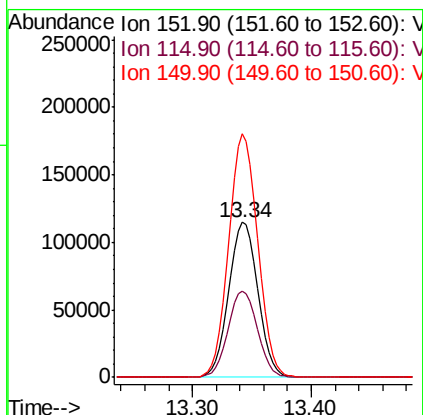
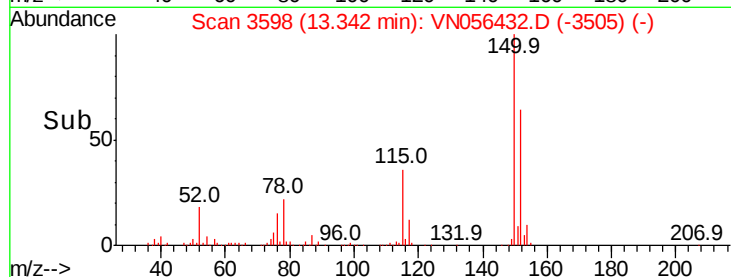
150 156.2 0.0 348.4



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: 5.724 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

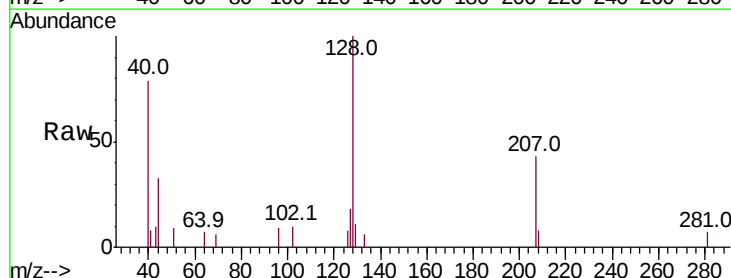
Tgt Ion:128 Resp: 4785

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 7.9 8.6 12.8#



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

