

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057846.D
 Acq On : 10 Sep 2019 9:04
 Operator : JC/SP
 Sample : PB122911TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122911TB

Quant Time: Sep 10 11:07:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

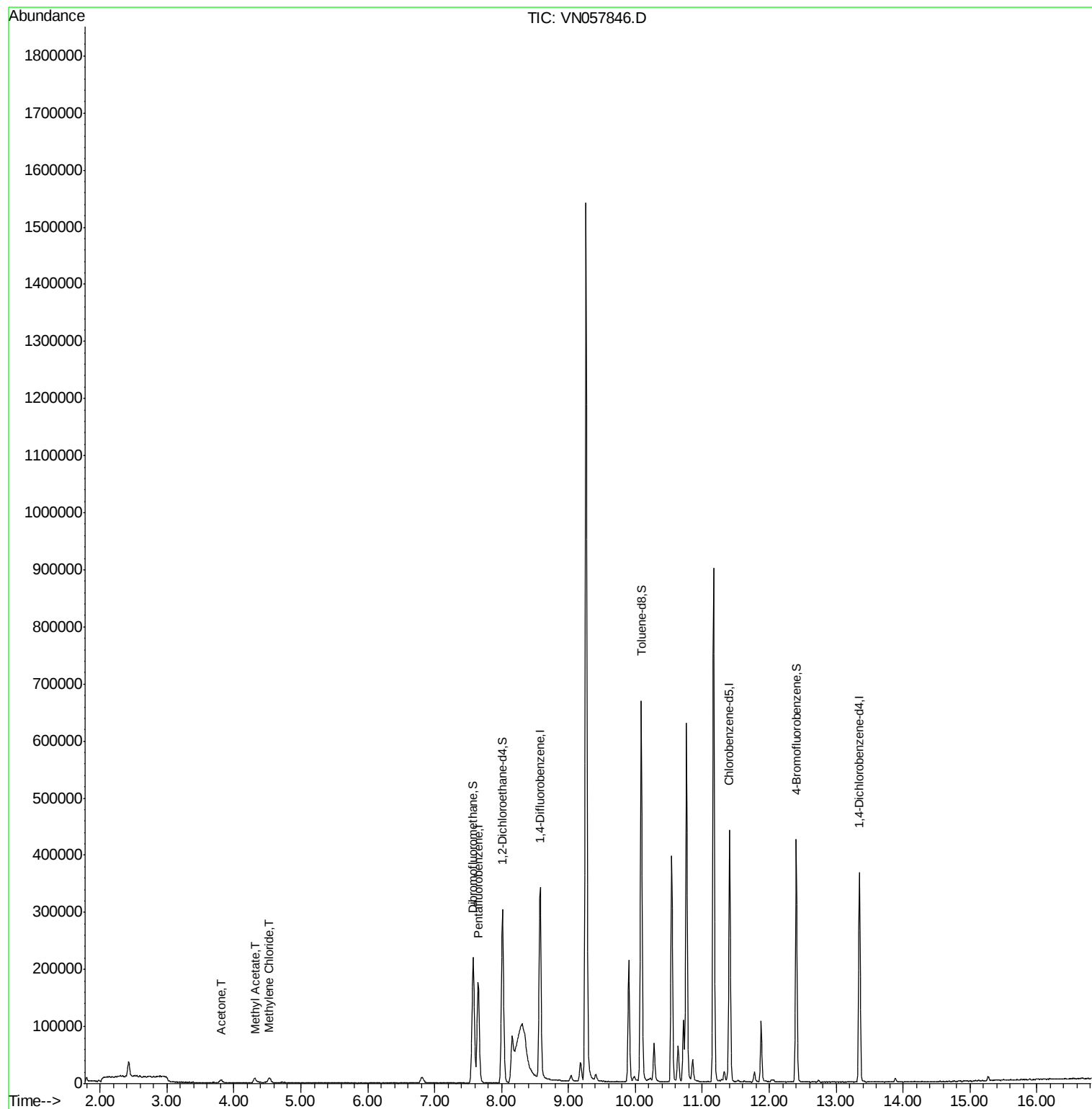
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	138088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	289570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	234564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	94833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	264020	94.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	188.80%	
35) Dibromofluoromethane	7.58	113	167016	62.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.98%	
50) Toluene-d8	10.09	98	444114	42.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.60%	
62) 4-Bromofluorobenzene	12.40	95	140751	35.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.18%	
Target Compounds						
16) Acetone	3.81	43	9112	9.938	ug/l	99
18) Methyl Acetate	4.31	43	14215	5.815	ug/l	99
20) Methylene Chloride	4.52	84	6575	2.600	ug/l #	83

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057846.D

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Instrument :

MSVOA_N

ClientSampleId :

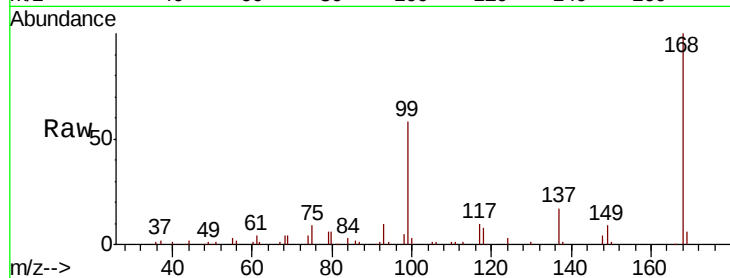
PB122911TB

Tot Ion:168 Resp: 138088

Ion Ratio Lower Upper

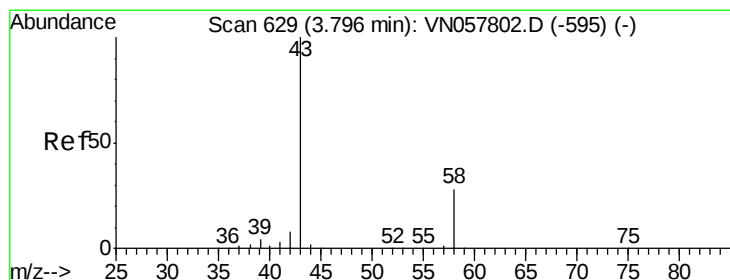
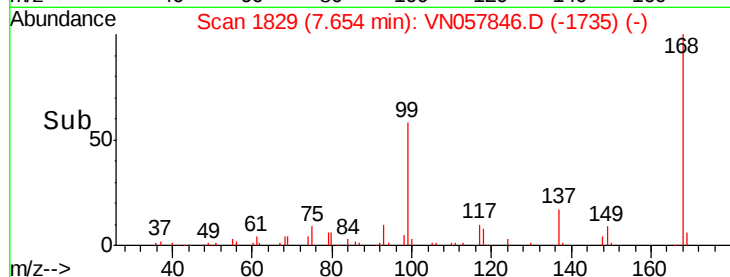
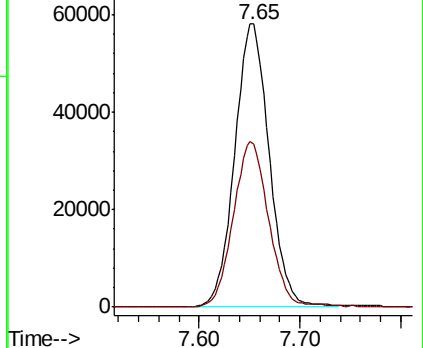
168 100

99 57.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 9.938 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057846.D

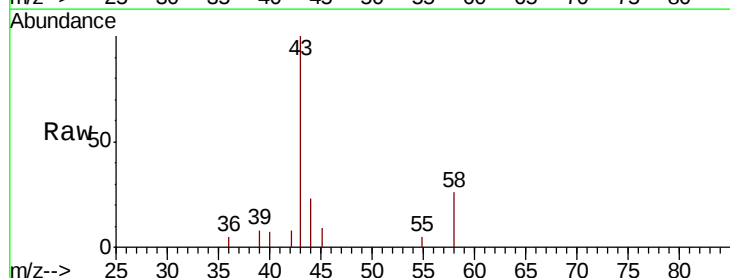
Acq: 10 Sep 2019 9:04

Tgt Ion: 43 Resp: 9112

Ion Ratio Lower Upper

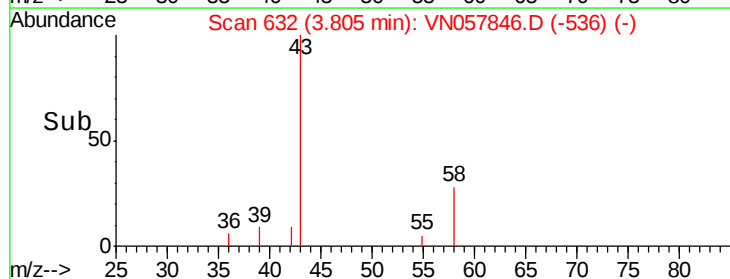
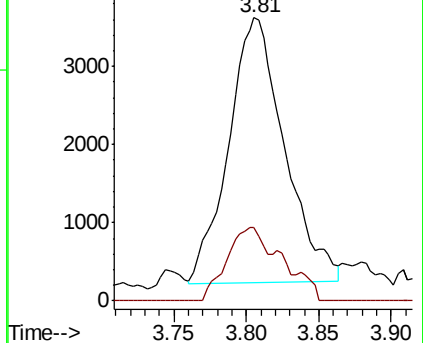
43 100

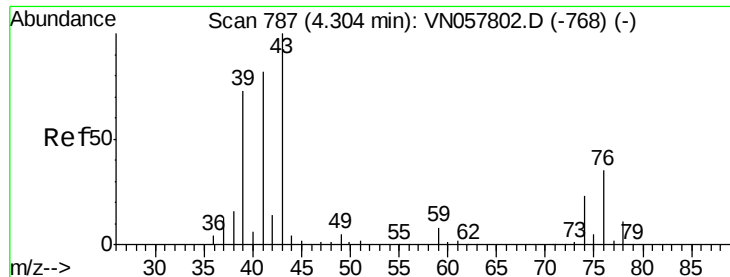
58 28.1 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

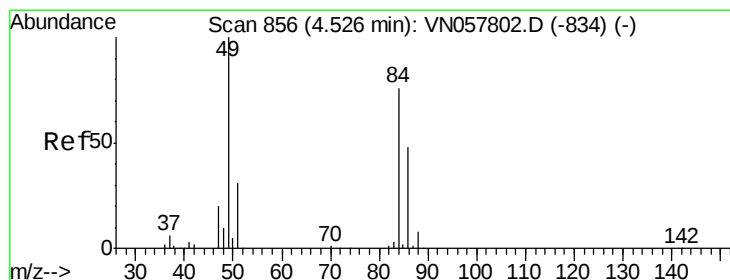
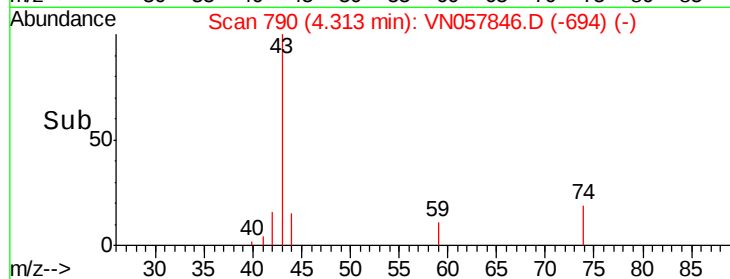
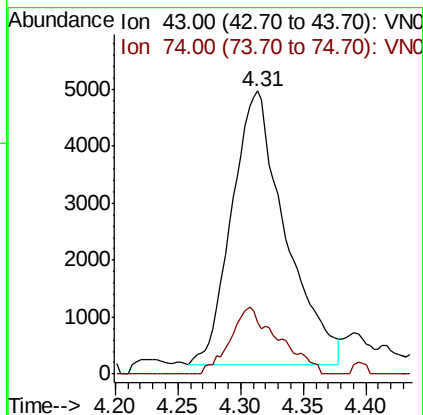
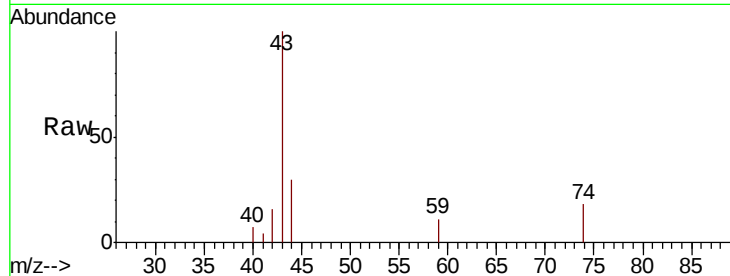




#18
Methyl Acetate
Concen: 5.815 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN057846.D
Acq: 10 Sep 2019 9:04

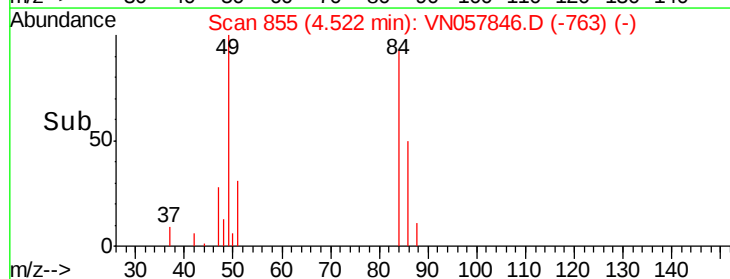
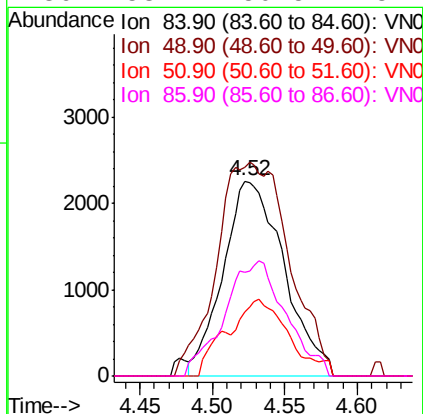
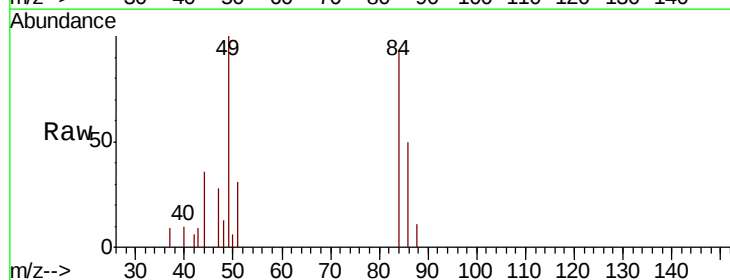
Instrument :
MSVOA_N
ClientSampled :
PB122911TB

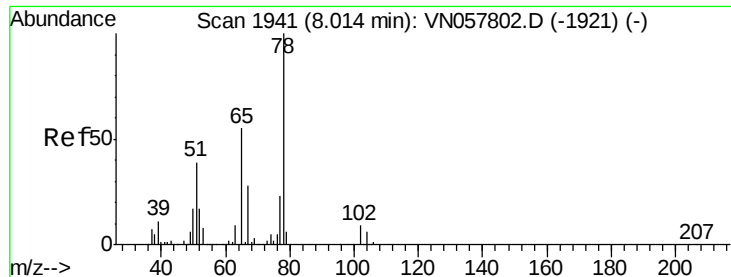
Tot Ion: 43 Resp: 14215
Ion Ratio Lower Upper
43 100
74 22.1 17.9 26.9



#20
Methylene Chloride
Concen: 2.600 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN057846.D
Acq: 10 Sep 2019 9:04

Tgt Ion: 84 Resp: 6575
Ion Ratio Lower Upper
84 100
49 107.1 104.8 157.2
51 32.8 33.0 49.4#
86 53.2 50.5 75.7

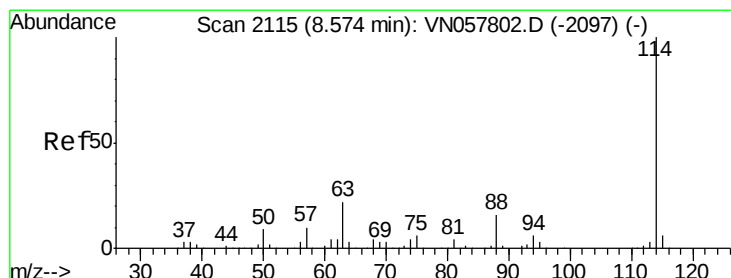
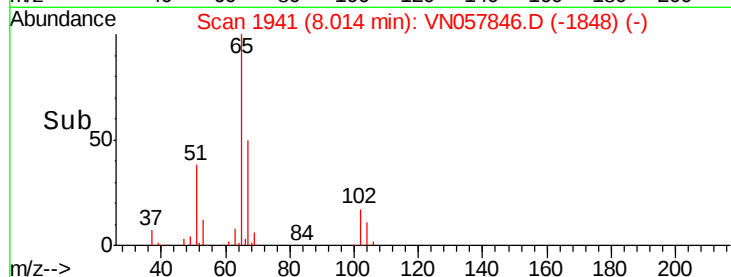
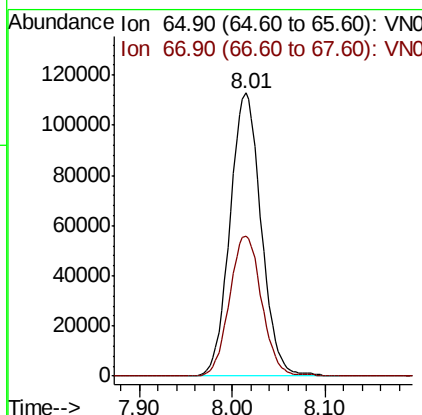
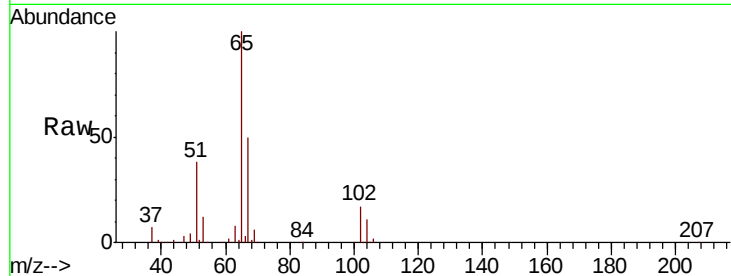




#33
 1,2-Dichloroethane-d4
 Concen: 94.399 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057846.D
 Acq: 10 Sep 2019 9:04

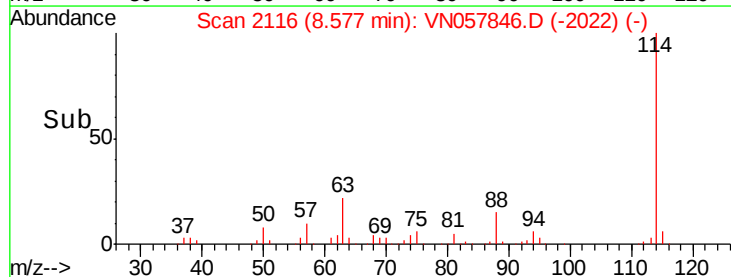
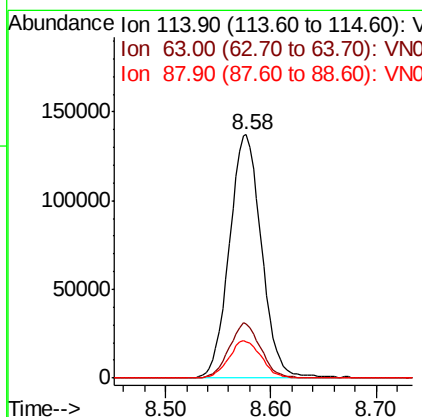
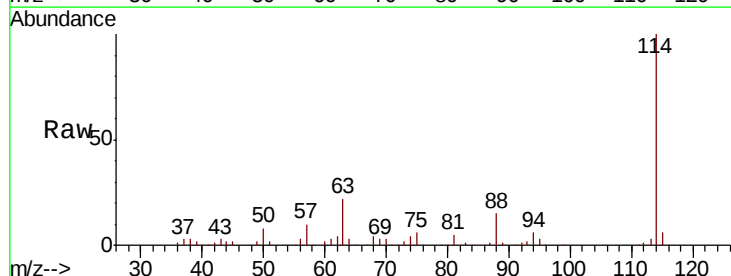
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122911TB

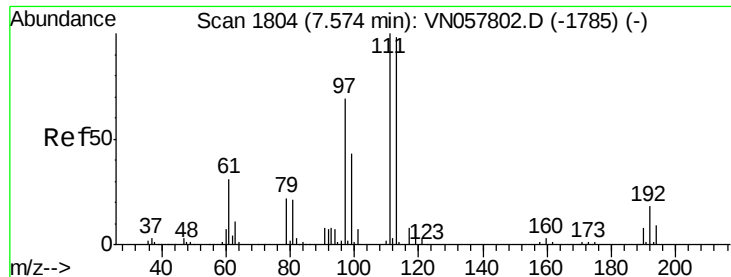
Tot Ion: 65 Resp: 264020
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057846.D
 Acq: 10 Sep 2019 9:04

Tgt Ion: 114 Resp: 289570
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 44.0
 88 15.0 0.0 31.4

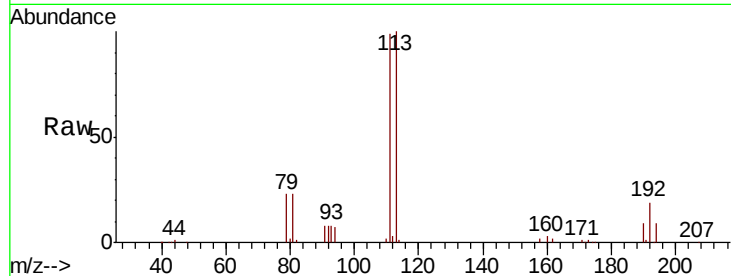




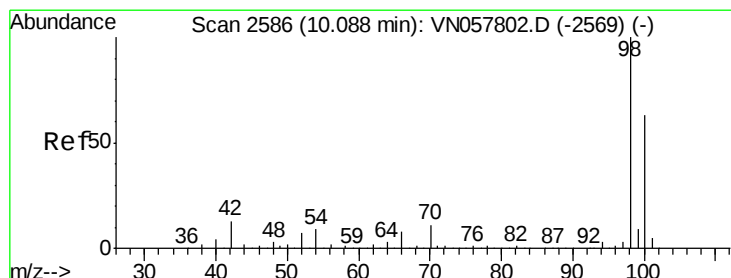
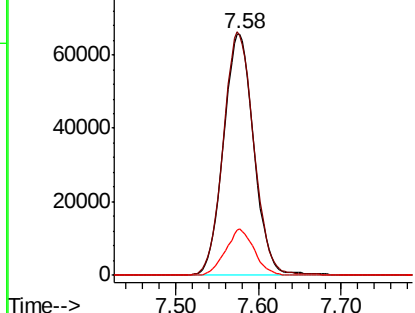
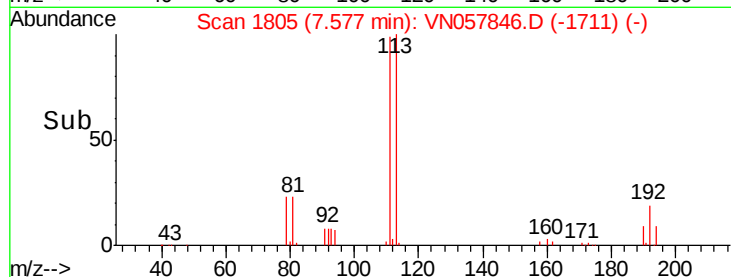
#35
Dibromofluoromethane
Concen: 62.492 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057846.D
Acq: 10 Sep 2019 9:04

Instrument :
MSVOA_N
ClientSampleId :
PB122911TB

Tot Ion:113 Resp: 167016
Ion Ratio Lower Upper
113 100
111 100.8 81.3 121.9
192 18.2 14.6 22.0

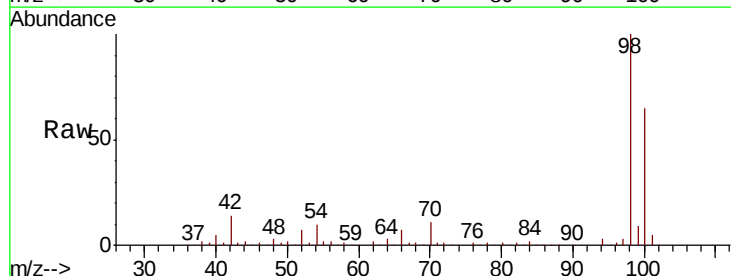


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

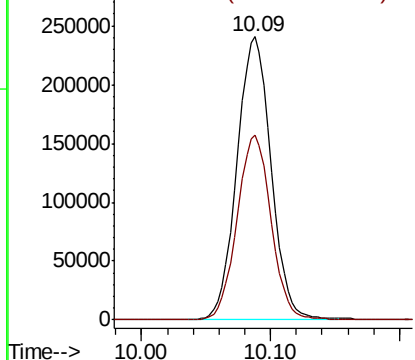
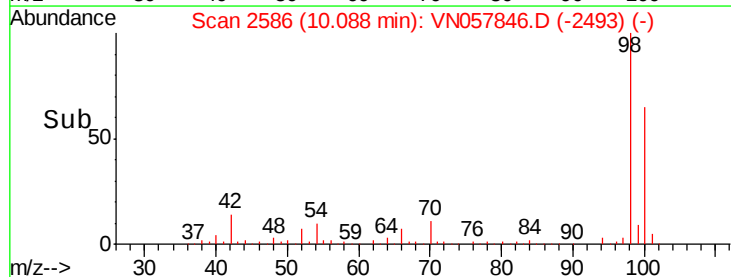


#50
Toluene-d8
Concen: 42.800 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN057846.D
Acq: 10 Sep 2019 9:04

Tgt Ion: 98 Resp: 444114
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

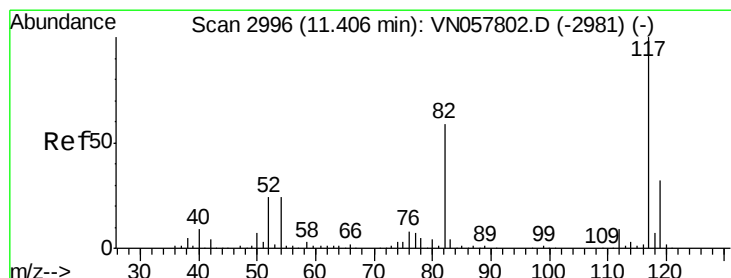
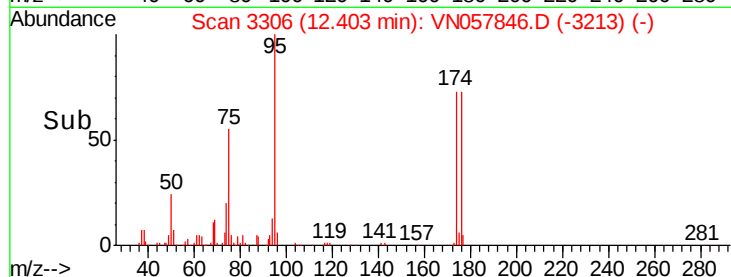
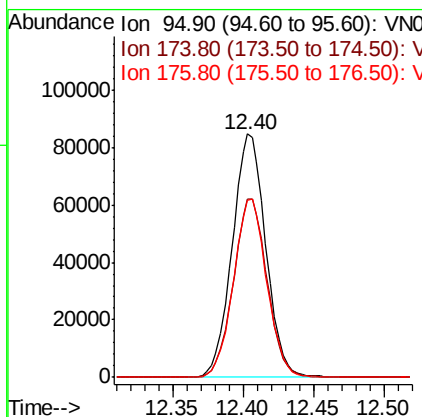
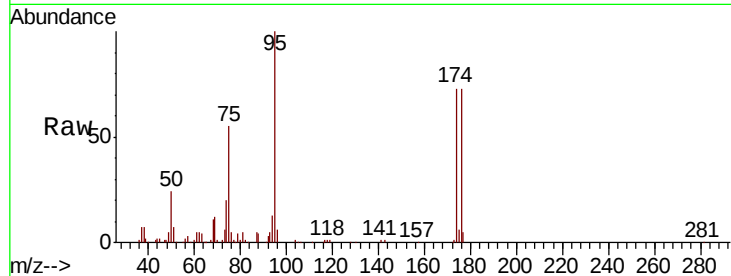




#62
4-Bromofluorobenzene
Concen: 35.594 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057846.D
Acq: 10 Sep 2019 9:04

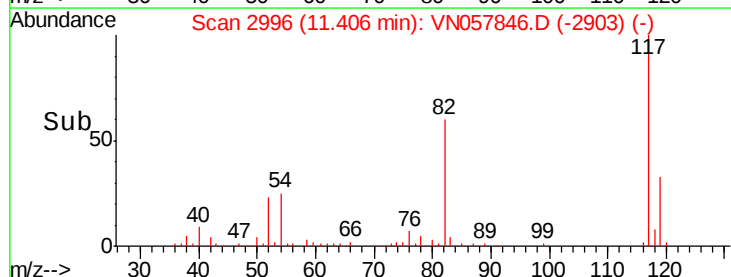
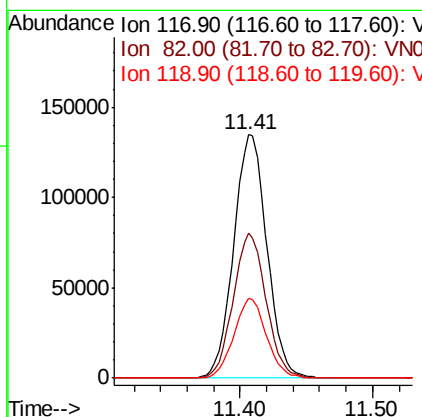
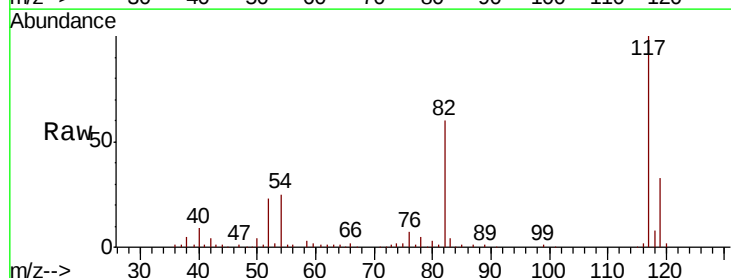
Instrument :
MSVOA_N
ClientSampled :
PB122911TB

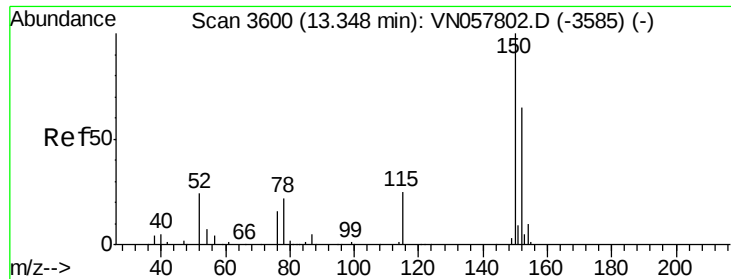
Tot Ion: 95 Resp: 140751
Ion Ratio Lower Upper
95 100
174 73.8 0.0 150.2
176 72.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057846.D
Acq: 10 Sep 2019 9:04

Tgt Ion: 117 Resp: 234564
Ion Ratio Lower Upper
117 100
82 59.6 47.2 70.8
119 32.7 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057846.D

Acq: 10 Sep 2019 9:04

Instrument :

MSVOA_N

ClientSampleId :

PB122911TB

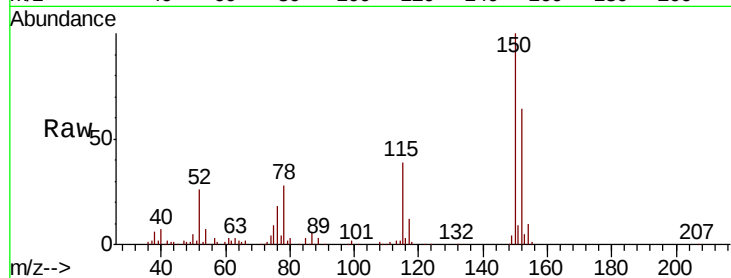
Tot Ion:152 Resp: 94833

Ion Ratio Lower Upper

152 100

115 61.9 30.3 91.0

150 158.5 0.0 352.4



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

