

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021419\
 Data File : VN053782.D
 Acq On : 14 Feb 2019 16:29
 Operator : JC/SP
 Sample : PB117097ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117097ZHE#02

Quant Time: Feb 15 04:28:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

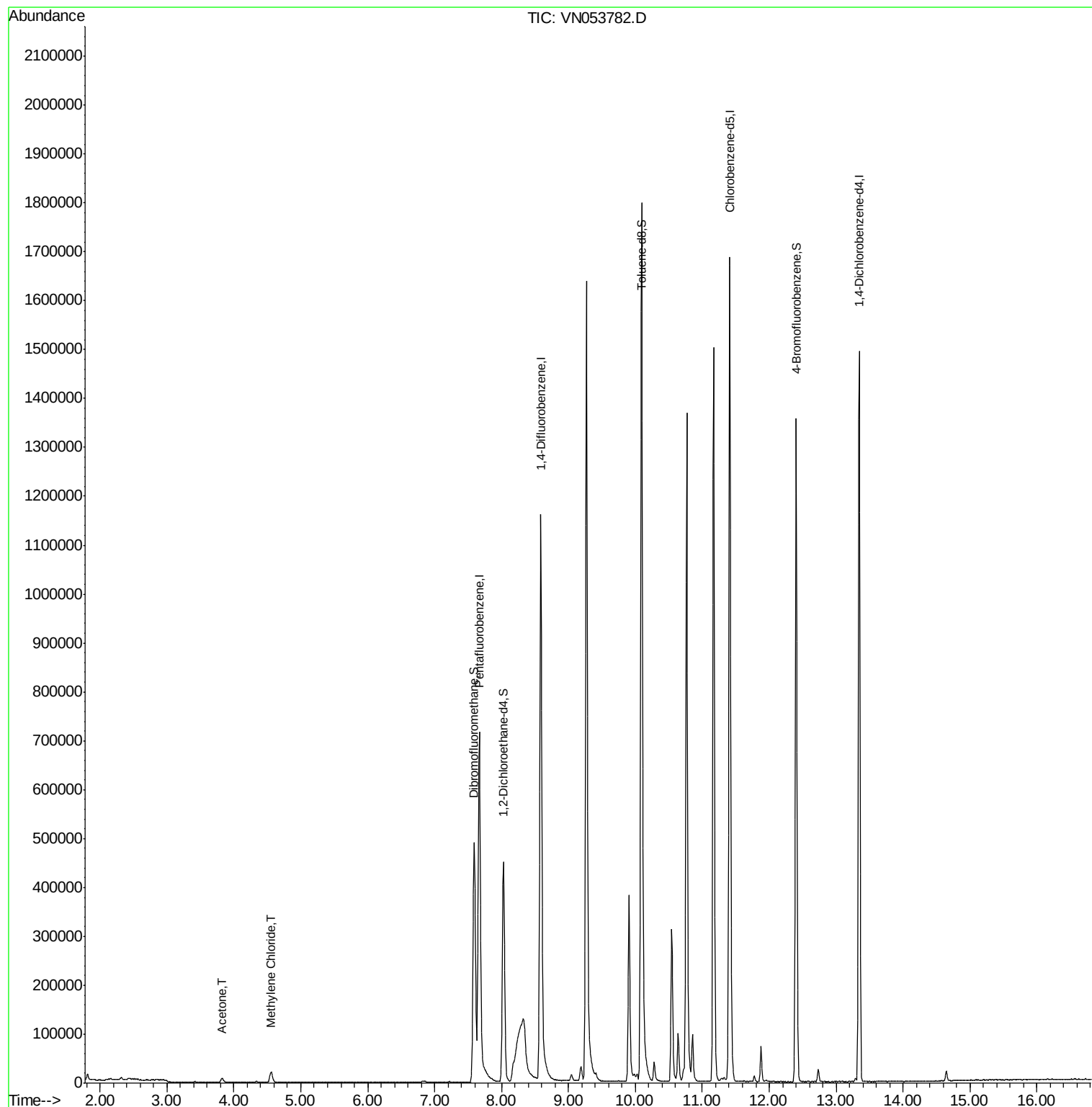
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	724970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1218719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1132912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	442082	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	388758	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
35) Dibromofluoromethane	7.59	113	386603	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
50) Toluene-d8	10.09	98	1481595	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.40	95	479539	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
Target Compounds						
16) Acetone	3.82	43	15575	8.349	ug/l	99
20) Methylene Chloride	4.56	84	17323	2.213	ug/l	98

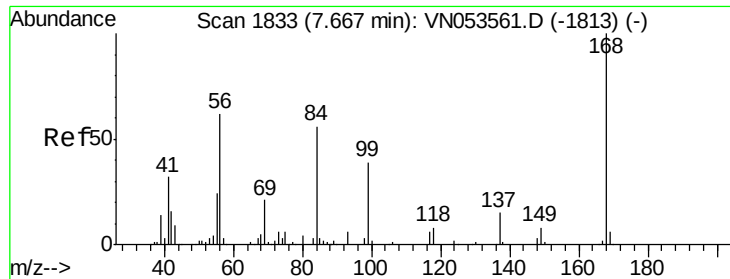
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053782.D

Acq: 14 Feb 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

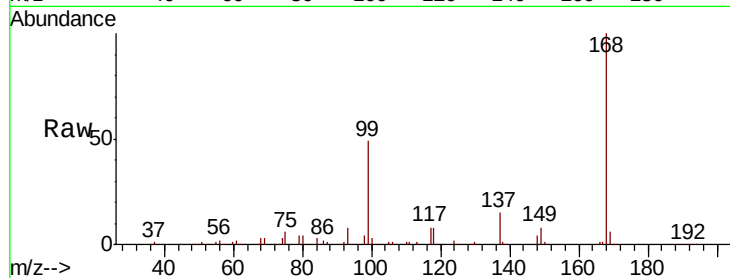
PB117097ZHE#02

Tot Ion:168 Resp: 724970

Ion Ratio Lower Upper

168 100

99 48.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

250000

200000

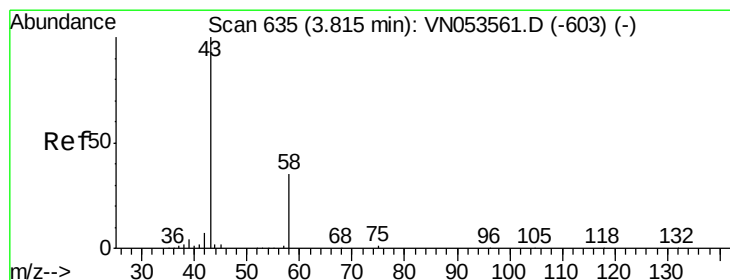
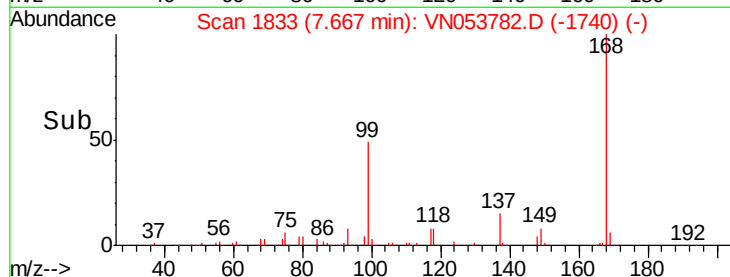
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 8.349 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053782.D

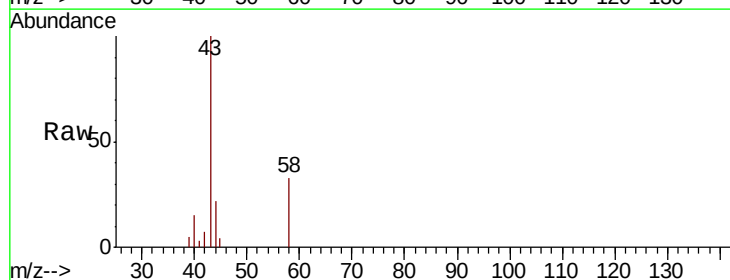
Acq: 14 Feb 2019 16:29

Tgt Ion: 43 Resp: 15575

Ion Ratio Lower Upper

43 100

58 33.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

6000

5000

4000

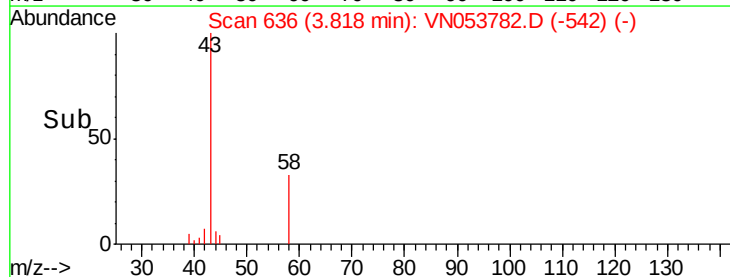
3000

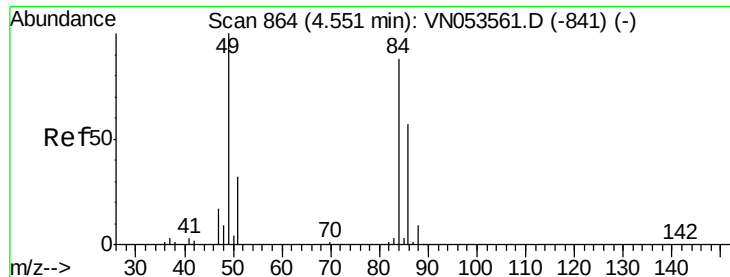
2000

1000

0

Time--> 3.70 3.80 3.90

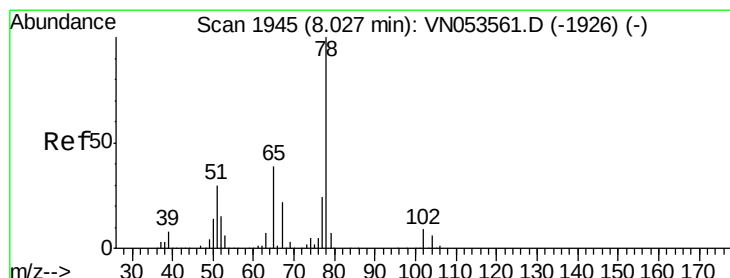
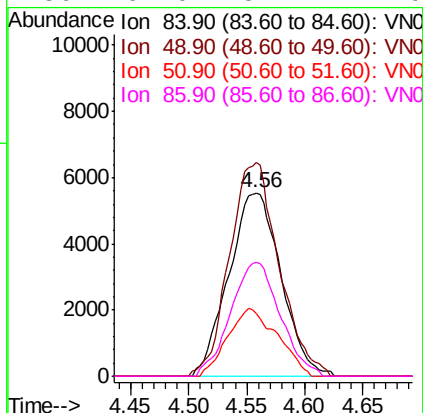
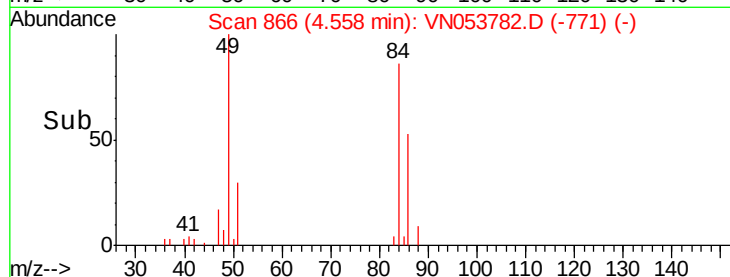
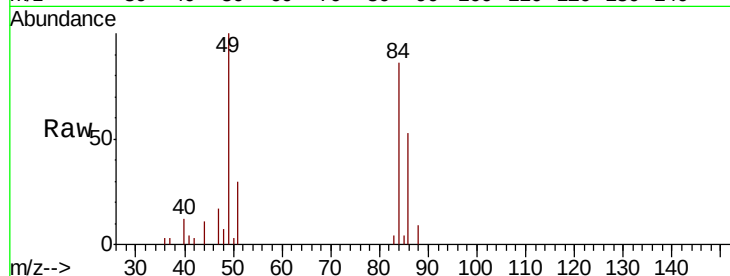




#20
Methylene Chloride
Concen: 2.213 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053782.D
Acq: 14 Feb 2019 16:29

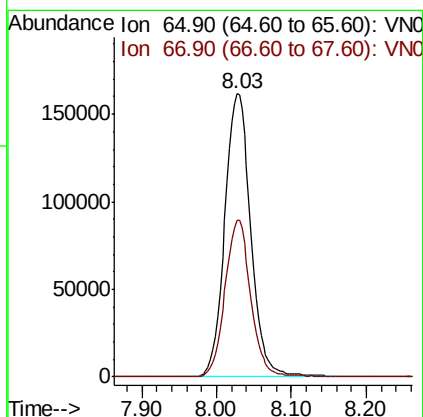
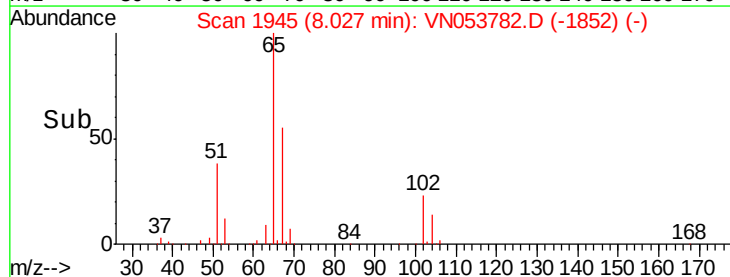
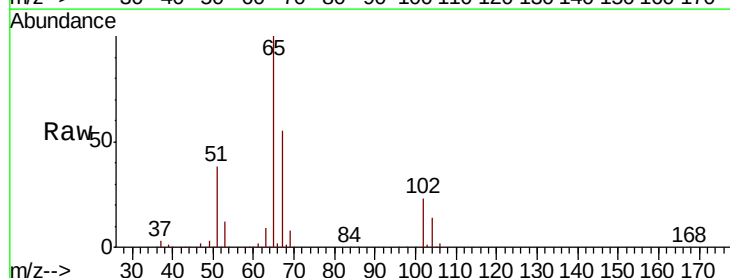
Instrument :
MSVOA_N
ClientSampleId :
PB117097ZHE#02

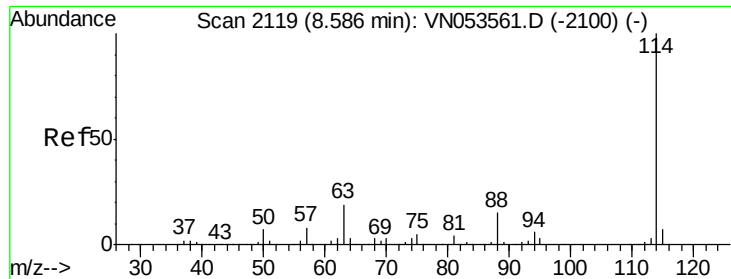
Tot Ion:	84	Resp:	17323
Ion	Ratio	Lower	Upper
84	100		
49	116.5	94.3	141.5
51	34.5	29.4	44.2
86	62.0	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 53.453 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053782.D
Acq: 14 Feb 2019 16:29

Tgt Ion:	65	Resp:	388758
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	111.2

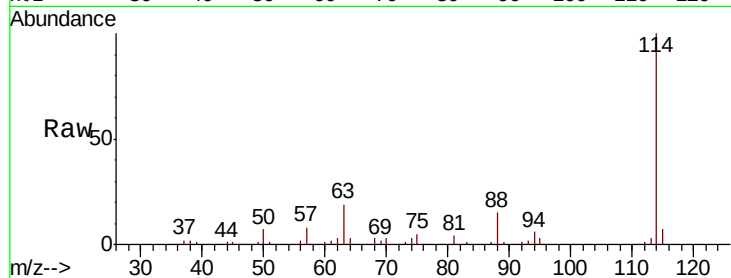




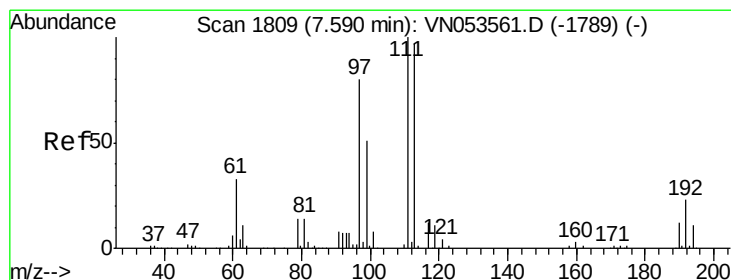
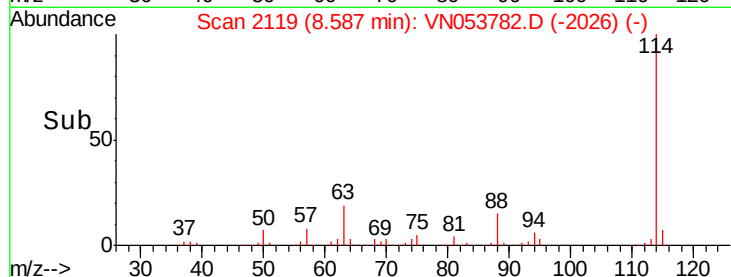
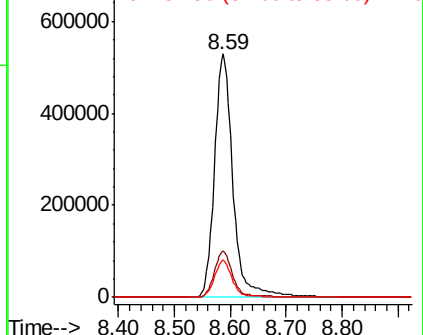
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053782.D
 Acq: 14 Feb 2019 16:29

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117097ZHE#02

Tot Ion:114 Resp: 1218719
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.2 0.0 30.4

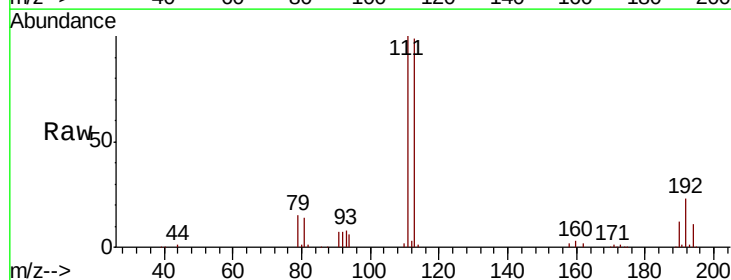


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

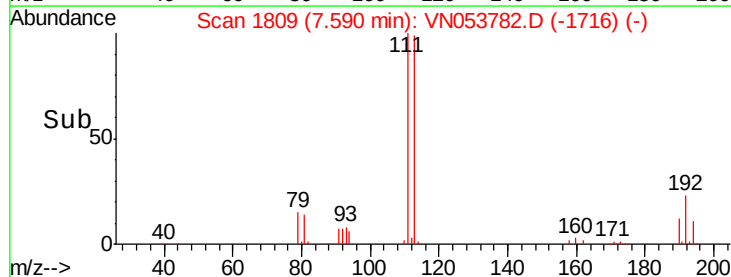
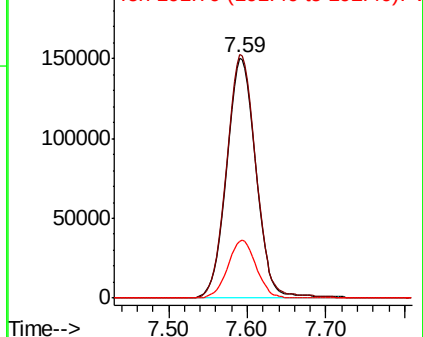


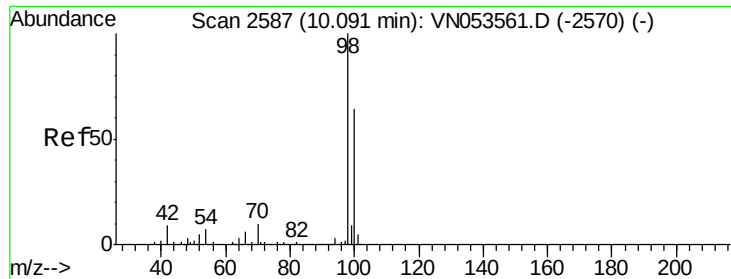
#35
 Dibromofluoromethane
 Concen: 50.203 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053782.D
 Acq: 14 Feb 2019 16:29

Tgt Ion:113 Resp: 386603
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.1 121.7
 192 23.4 18.2 27.2



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

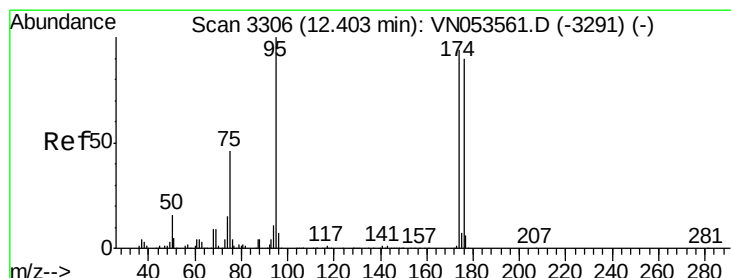
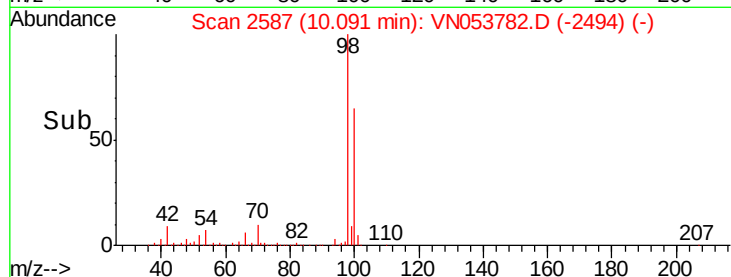
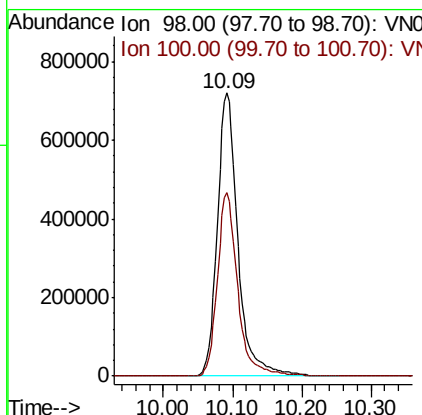
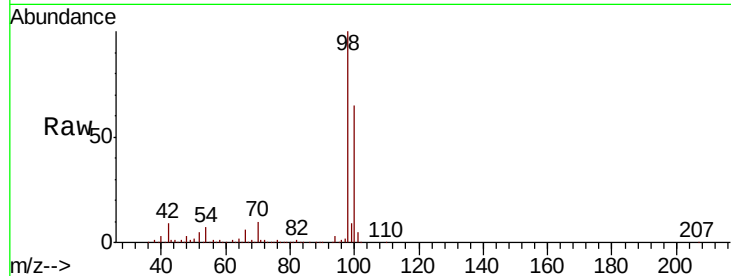




#50
Toluene-d8
Concen: 51.240 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053782.D
Acq: 14 Feb 2019 16:29

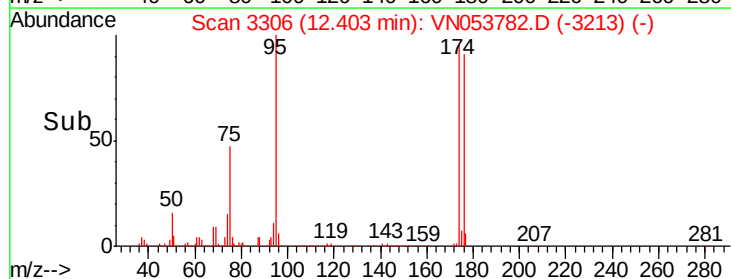
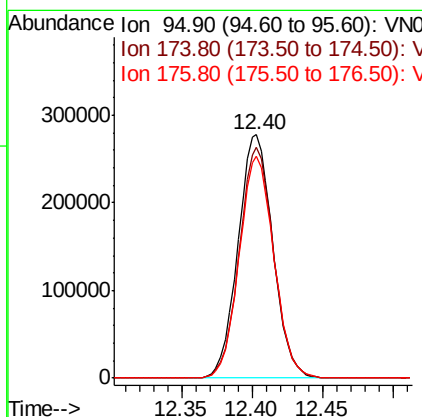
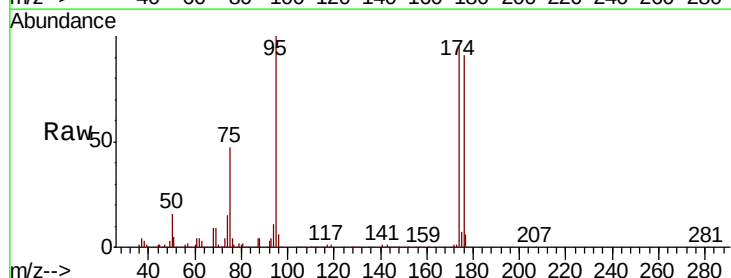
Instrument :
MSVOA_N
ClientSampleId :
PB117097ZHE#02

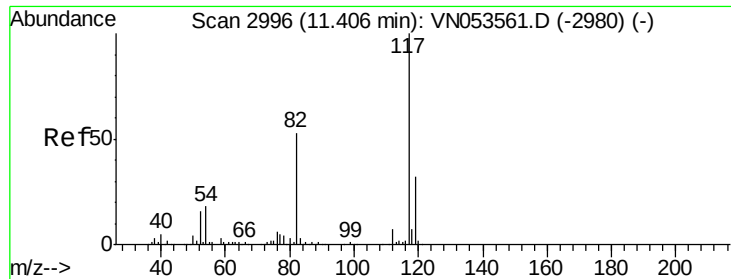
Tot Ion: 98 Resp: 1481595
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 49.726 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053782.D
Acq: 14 Feb 2019 16:29

Tgt Ion: 95 Resp: 479539
Ion Ratio Lower Upper
95 100
174 93.6 0.0 183.2
176 90.9 0.0 177.4

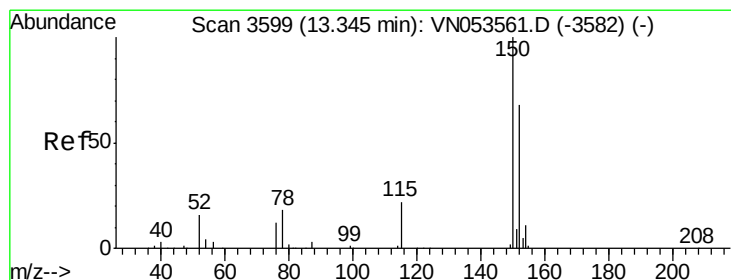
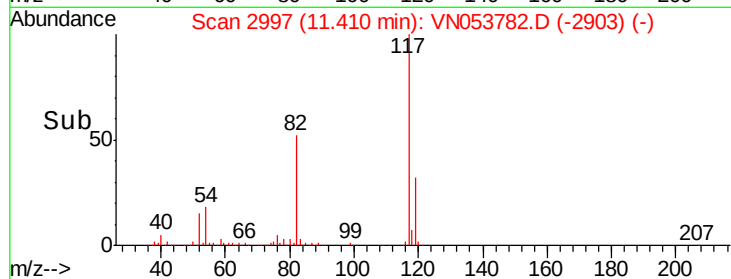
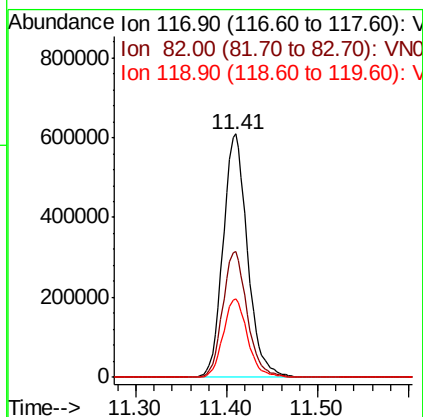
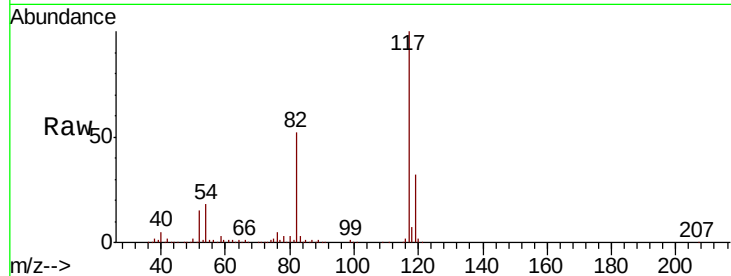




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053782.D
Acq: 14 Feb 2019 16:29

Instrument :
MSVOA_N
ClientSampleId :
PB117097ZHE#02

Tot Ion:117 Resp: 1132912
Ion Ratio Lower Upper
117 100
82 51.8 42.9 64.3
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053782.D
Acq: 14 Feb 2019 16:29

Tgt Ion:152 Resp: 442082
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 157.7 0.0 349.0

