

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
 Data File : VN052934.D
 Acq On : 17 Dec 2018 18:18
 Operator : MD\SY
 Sample : PB115729ZHE#04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115729ZHE#04

Quant Time: Dec 18 06:12:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

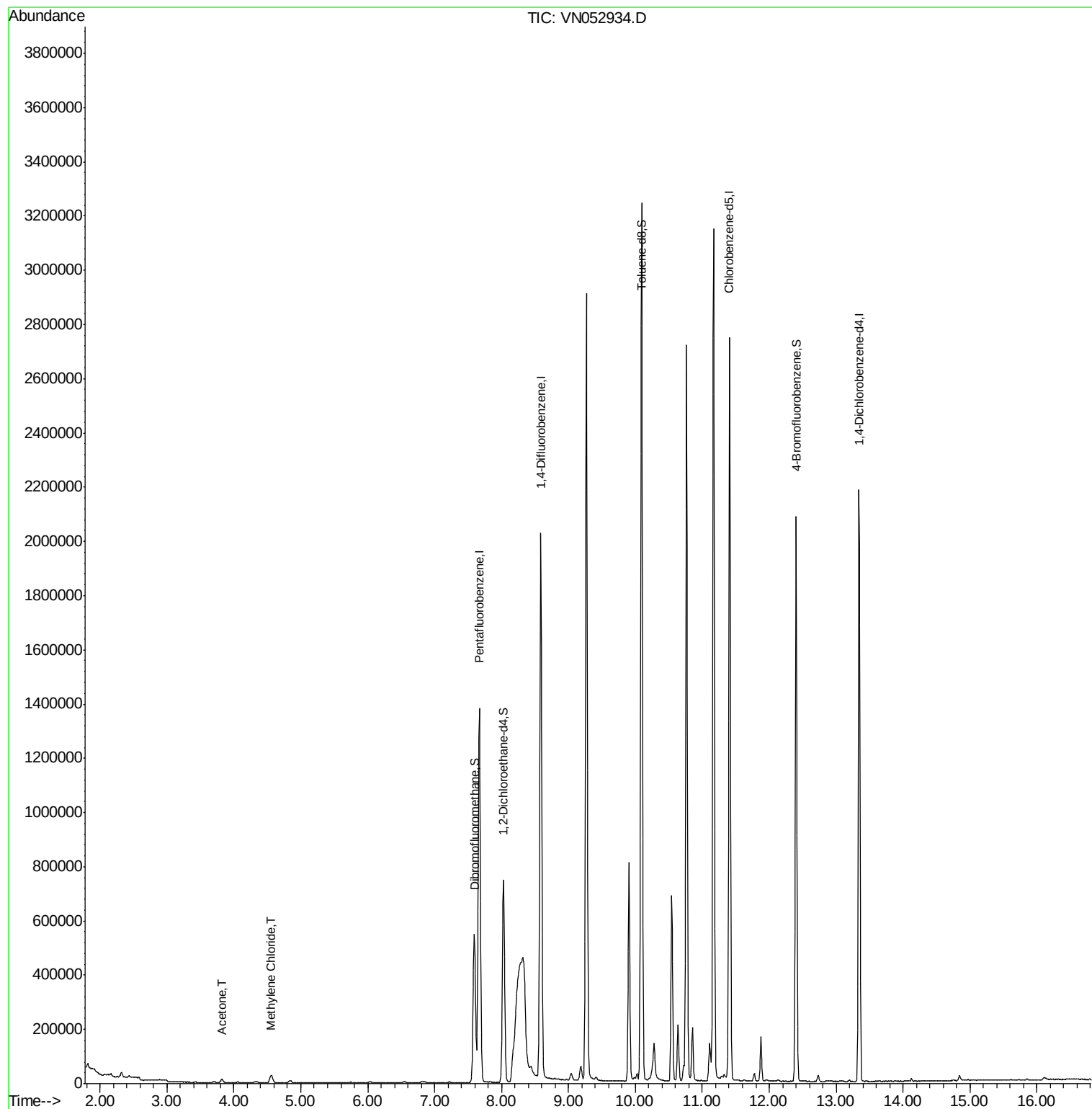
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1216107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1902028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1659852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	632424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	622448	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
35) Dibromofluoromethane	7.59	113	428376	40.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.70%	
50) Toluene-d8	10.09	98	2292175	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.40	95	723136	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
Target Compounds						
16) Acetone	3.82	43	21115	7.271	ug/l	Qvalue 100
20) Methylene Chloride	4.56	84	21384	1.636	ug/l	95

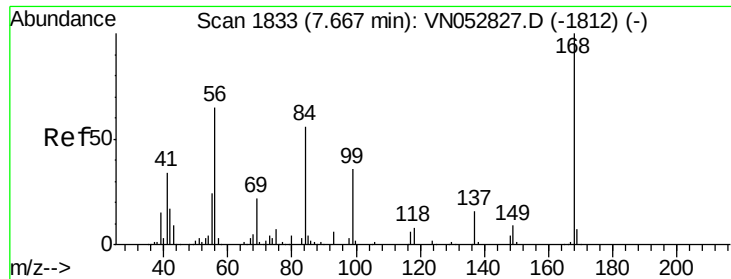
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052934.D

Acq: 17 Dec 2018 18:18

Instrument :

MSVOA_N

ClientSampleId :

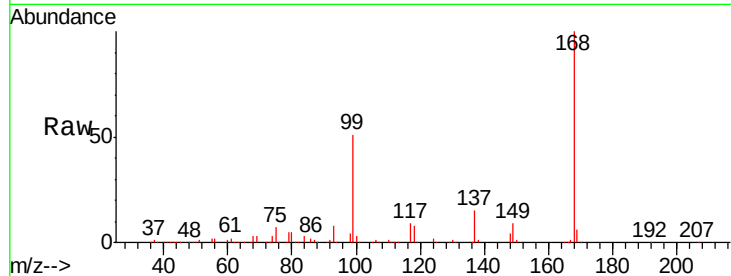
PB115729ZHE#04

Tgt Ion:168 Resp: 1216107

Ion Ratio Lower Upper

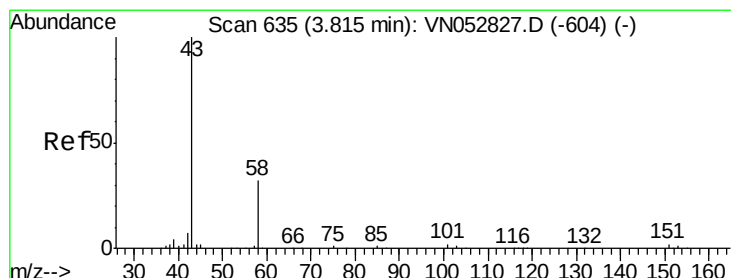
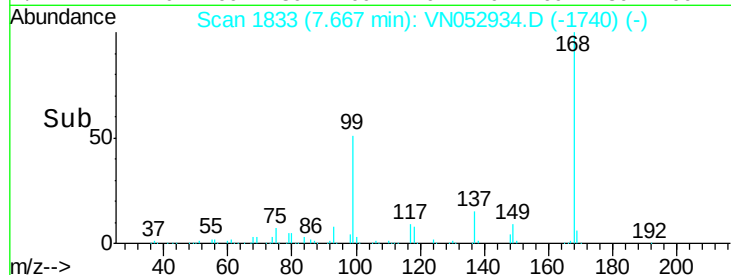
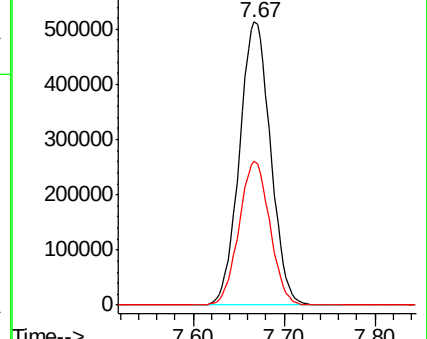
168 100

99 50.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052934.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052934.D (-1740) (-)



#16

Acetone

Concen: 7.271 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052934.D

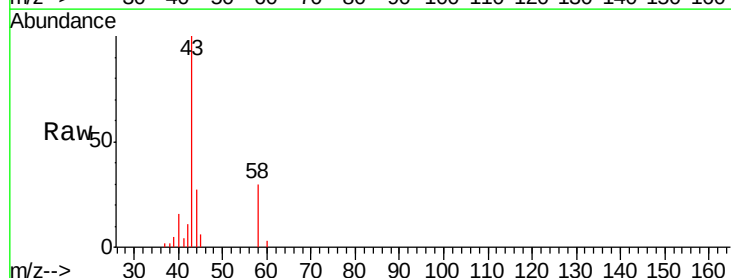
Acq: 17 Dec 2018 18:18

Tgt Ion: 43 Resp: 21115

Ion Ratio Lower Upper

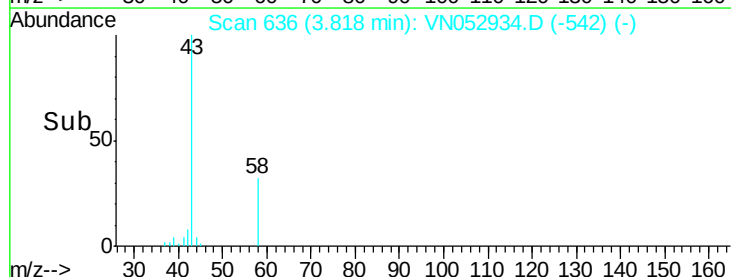
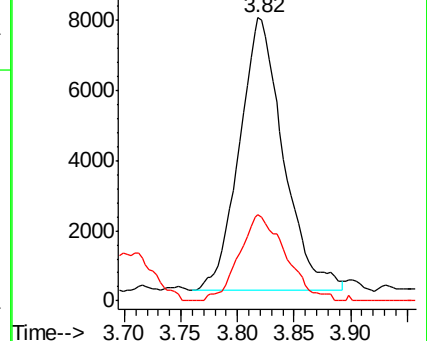
43 100

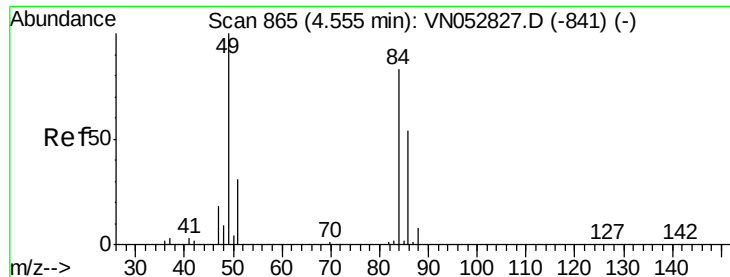
58 31.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052934.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052934.D (-542) (-)

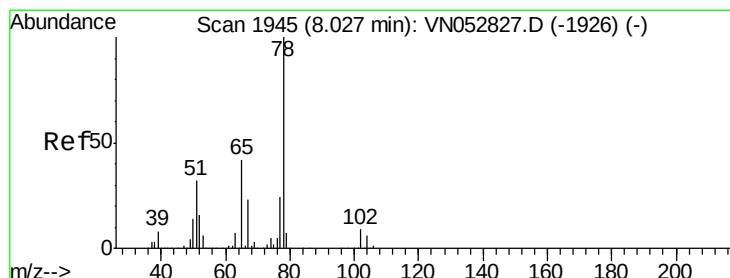
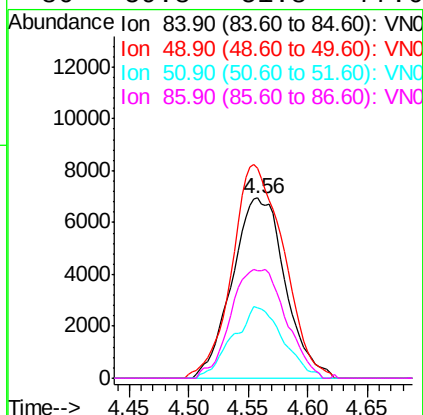
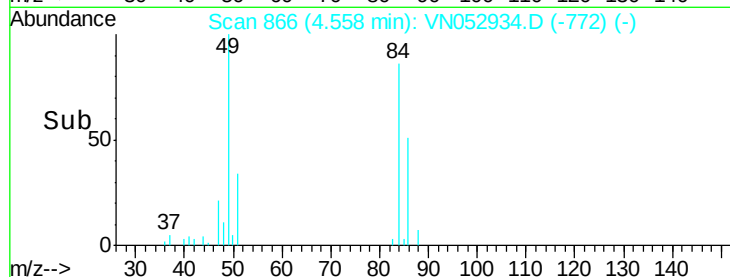
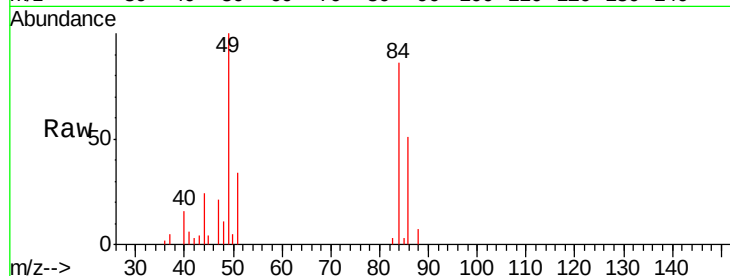




#20
Methylene Chloride
Concen: 1.636 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052934.D
Acq: 17 Dec 2018 18:18

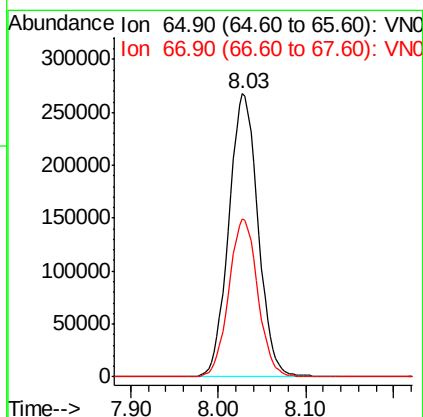
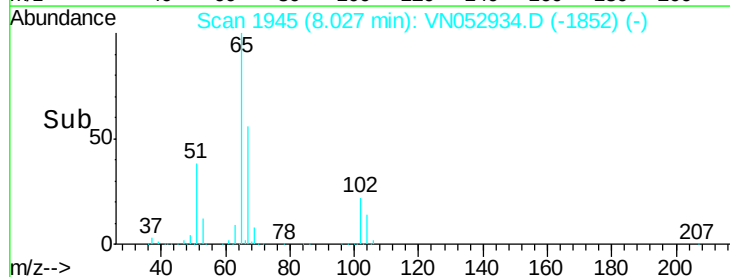
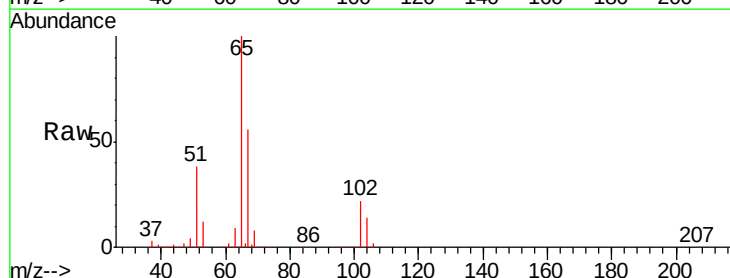
Instrument :
MSVOA_N
ClientSampleId :
PB115729ZHE#04

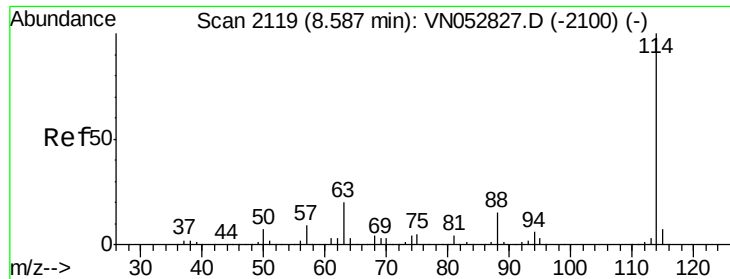
Tgt Ion: 84 Resp: 21384
Ion Ratio Lower Upper
84 100
49 116.4 96.8 145.2
51 39.4 29.9 44.9
86 59.8 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052934.D
Acq: 17 Dec 2018 18:18

Tgt Ion: 65 Resp: 622448
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.4

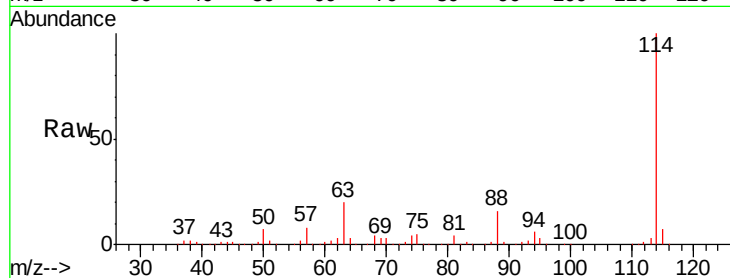




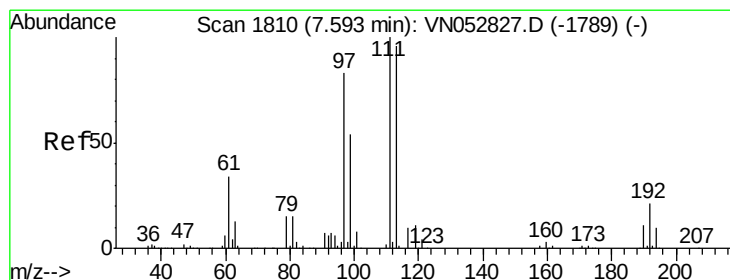
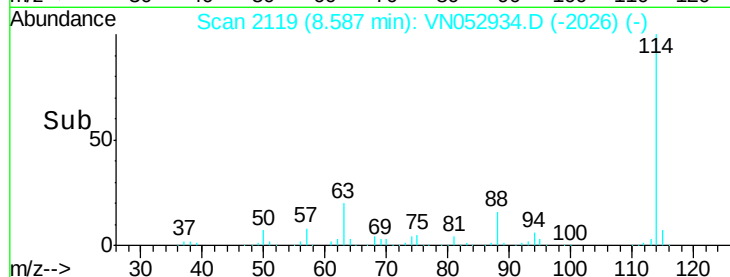
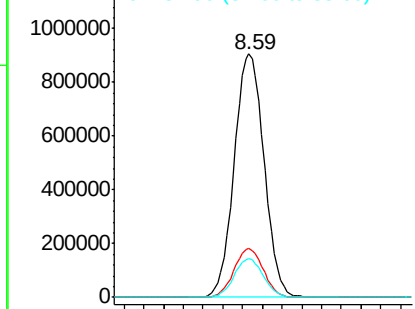
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052934.D
 Acq: 17 Dec 2018 18:18

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115729ZHE#04

Tgt Ion:114 Resp: 1902028
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.8 0.0 31.0

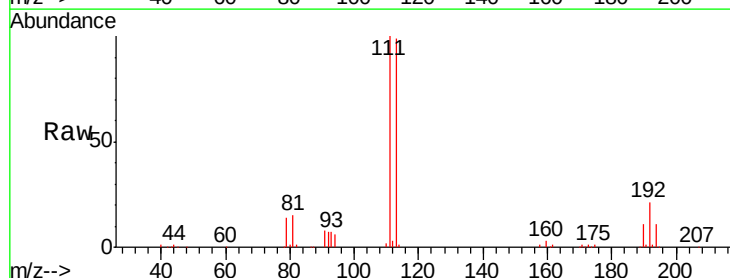


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

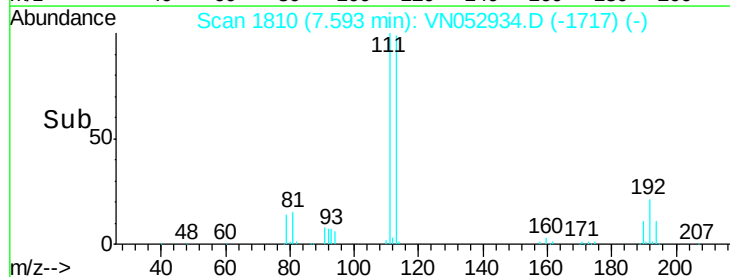
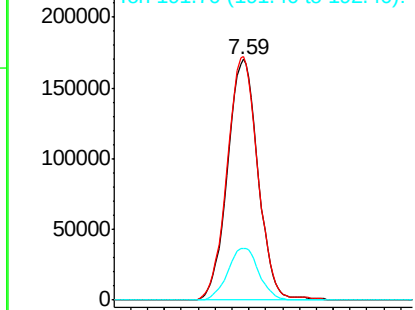


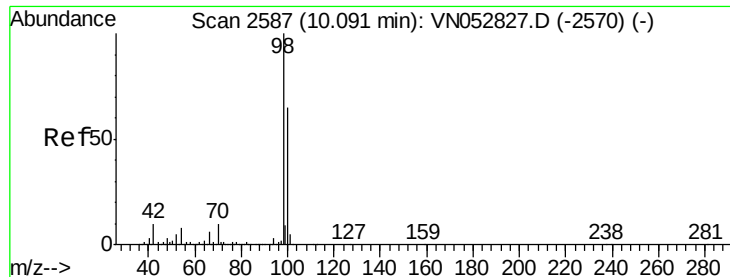
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052934.D
 Acq: 17 Dec 2018 18:18

Tgt Ion:113 Resp: 428376
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.0 124.4
 192 22.0 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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052934.D

Acq: 17 Dec 2018 18:18

Instrument :

MSVOA_N

ClientSampleId :

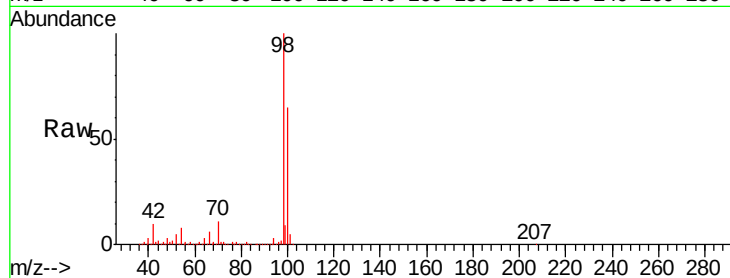
PB115729ZHE#04

Tgt Ion: 98 Resp: 2292175

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052827.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052827.D (-2570) (-)

10.09

1500000

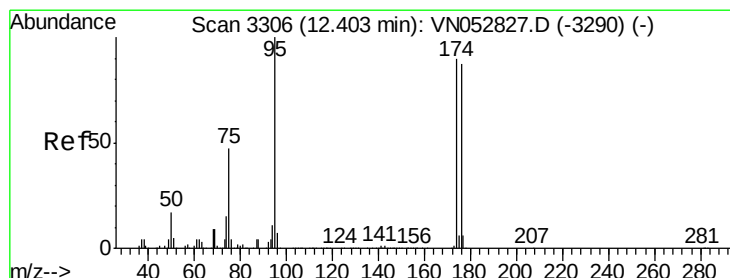
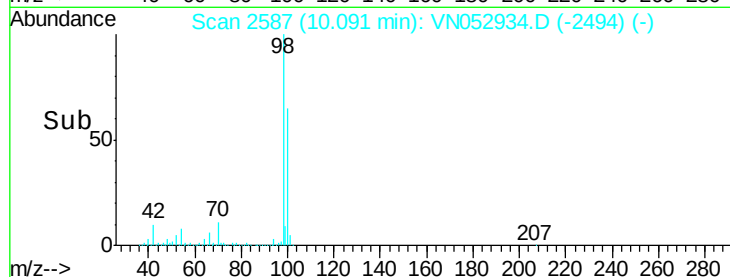
1000000

500000

0

Time-->

10.00 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052934.D

Acq: 17 Dec 2018 18:18

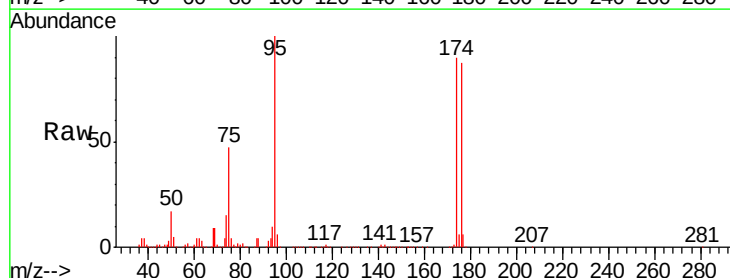
Tgt Ion: 95 Resp: 723136

Ion Ratio Lower Upper

95 100

174 88.9 0.0 178.8

176 86.4 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052827.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052827.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052827.D (-3290) (-)

12.40

600000

500000

400000

300000

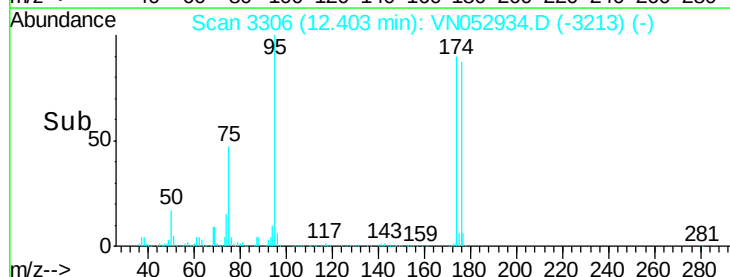
200000

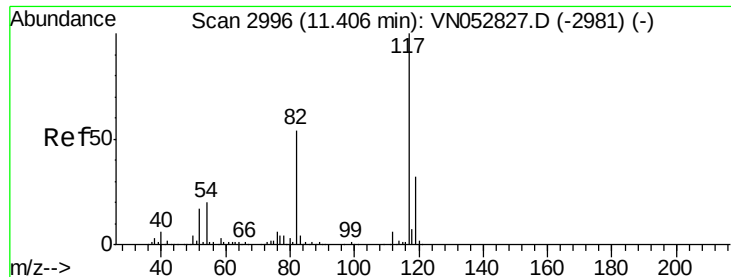
100000

0

Time-->

12.30 12.40 12.50

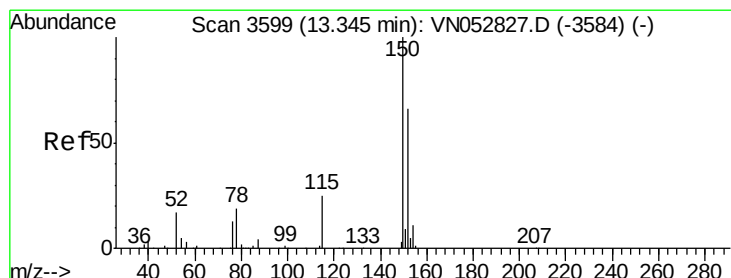
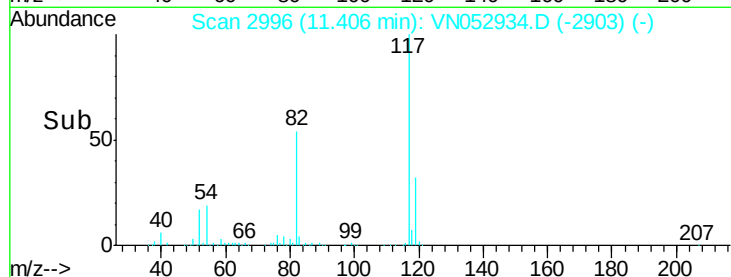
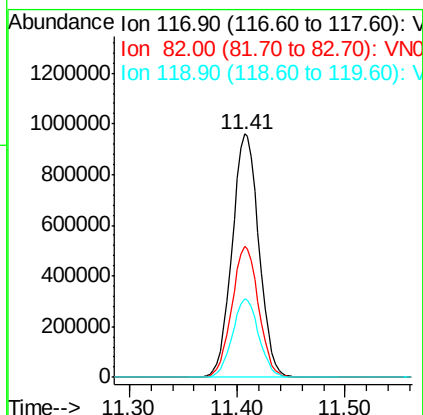
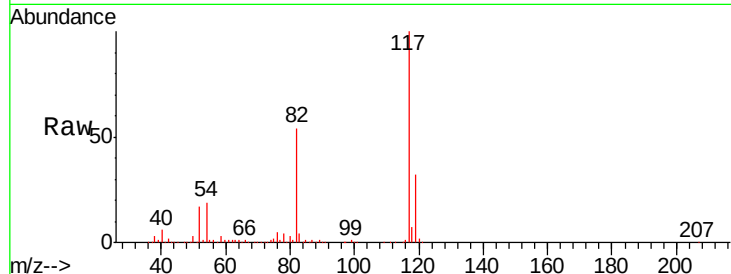




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052934.D
Acq: 17 Dec 2018 18:18

Instrument :
MSVOA_N
ClientSampleId :
PB115729ZHE#04

Tgt Ion:117 Resp: 1659852
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052934.D
Acq: 17 Dec 2018 18:18

Tgt Ion:152 Resp: 632424
Ion Ratio Lower Upper
152 100
115 56.2 28.3 85.0
150 156.5 0.0 347.8

