

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111318\
 Data File : VN052296.D
 Acq On : 13 Nov 2018 19:30
 Operator : MD\SY
 Sample : PB114744ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#09

Quant Time: Nov 14 02:39:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

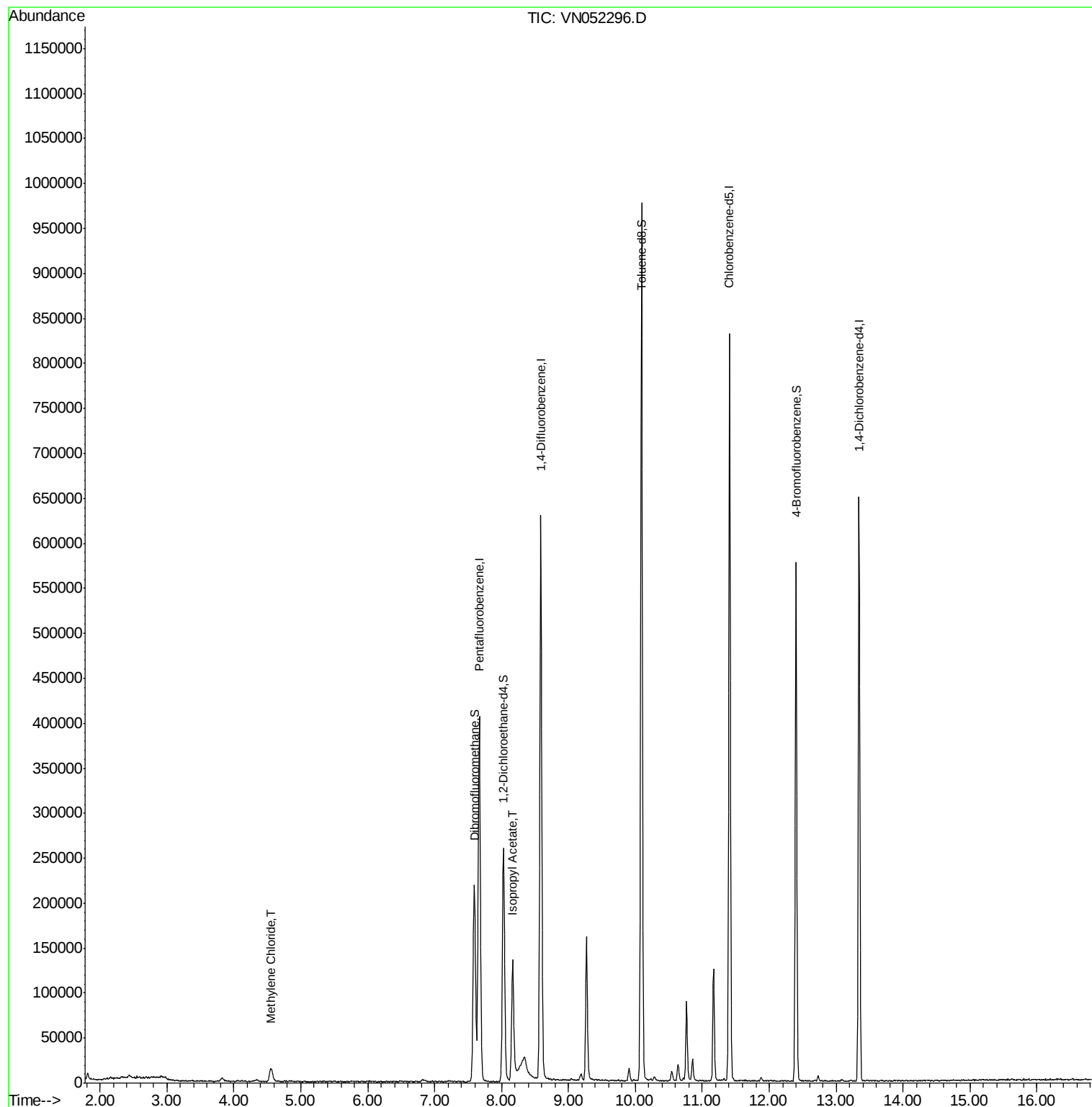
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	307214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	521347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	436780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	153565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	211916	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
35) Dibromofluoromethane	7.59	113	164773	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
50) Toluene-d8	10.09	98	644337	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.40	95	184791	43.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.48%	
Target Compounds						
20) Methylene Chloride	4.55	84	10166	2.654	ug/l	92
43) Isopropyl Acetate	8.17	43	171257	24.824	ug/l	97

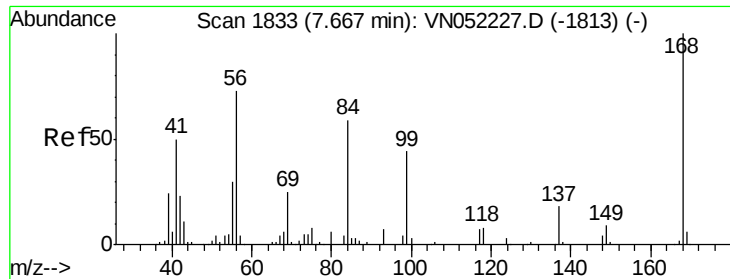
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052296.D

Acq: 13 Nov 2018 19:30

Instrument :

MSVOA_N

ClientSampleId :

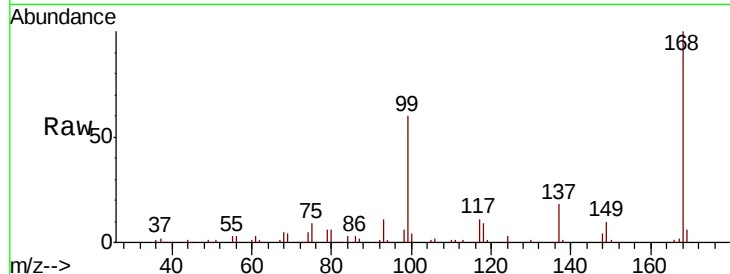
PB114744ZHE#09

Tot Ion:168 Resp: 307214

Ion Ratio Lower Upper

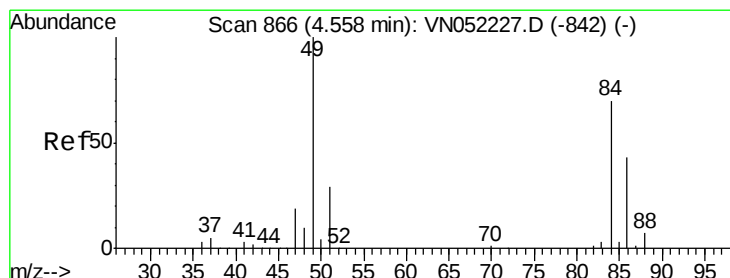
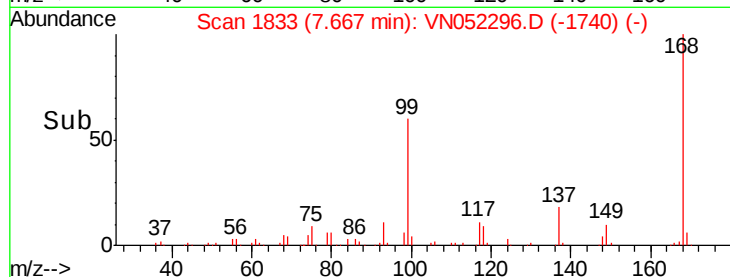
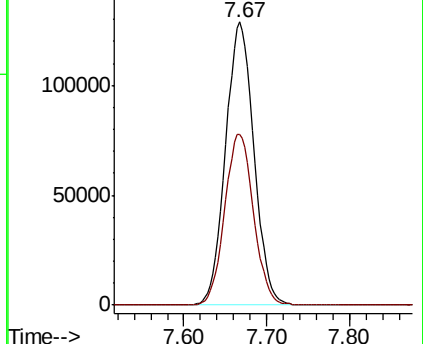
168 100

99 60.4 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 2.654 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN052296.D

Acq: 13 Nov 2018 19:30

Tgt Ion: 84 Resp: 10166

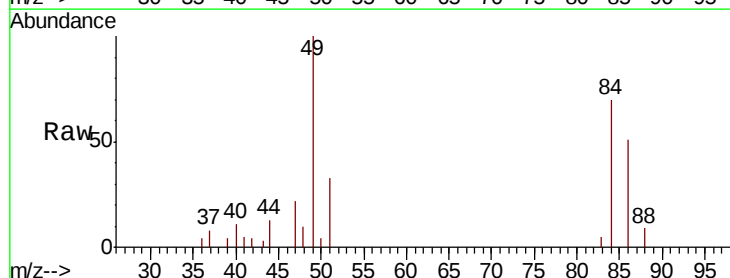
Ion Ratio Lower Upper

84 100

49 137.2 114.8 172.2

51 46.5 33.1 49.7

86 72.4 49.7 74.5

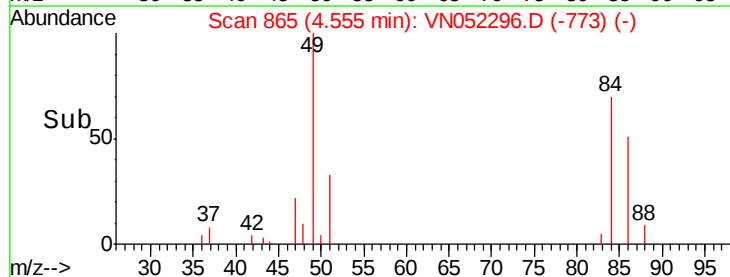
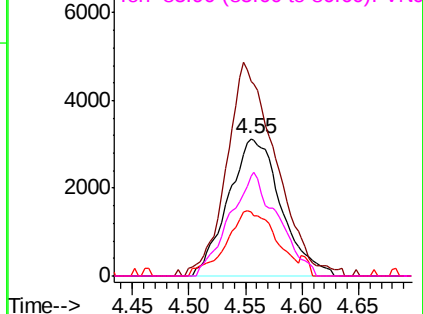


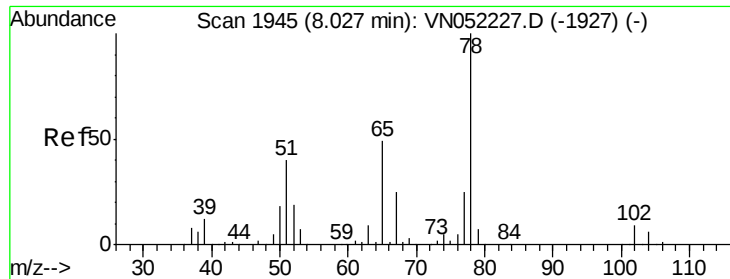
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

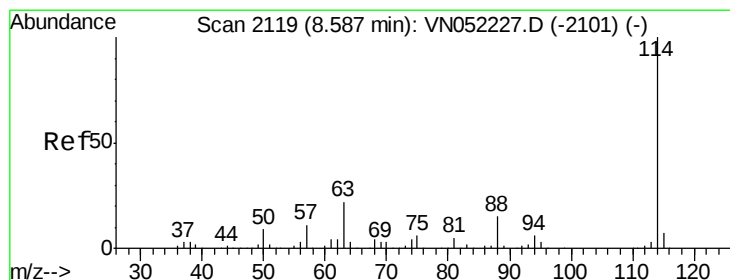
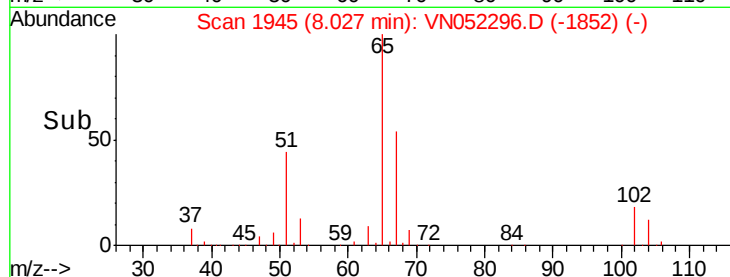
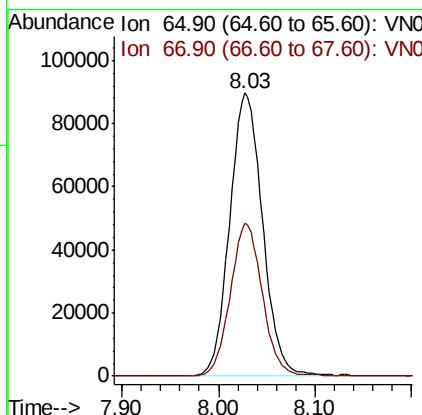
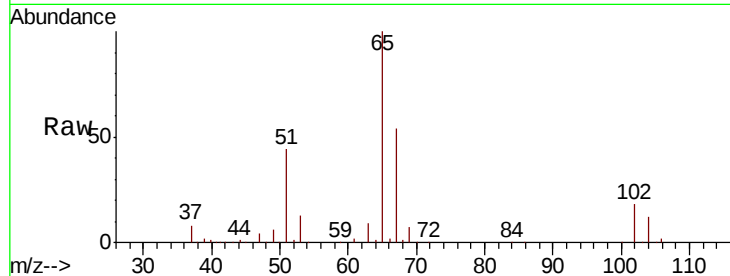




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052296.D
 Acq: 13 Nov 2018 19:30

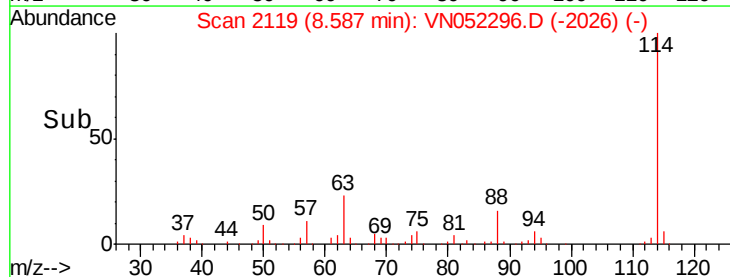
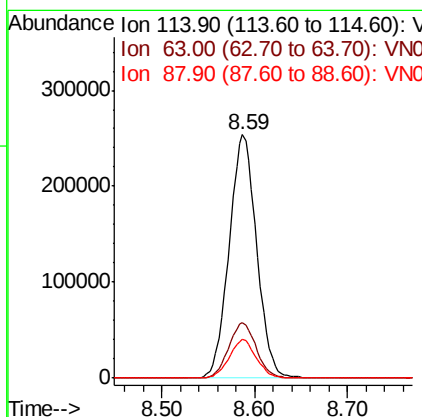
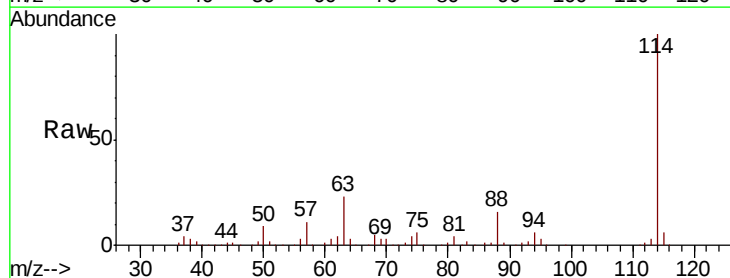
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#09

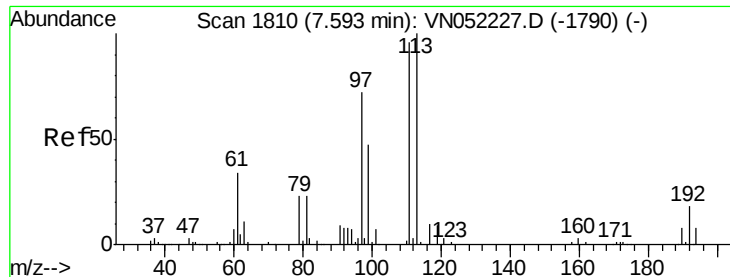
Tot Ion: 65 Resp: 211916
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052296.D
 Acq: 13 Nov 2018 19:30

Tgt Ion: 114 Resp: 521347
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.4
 88 15.7 0.0 30.2

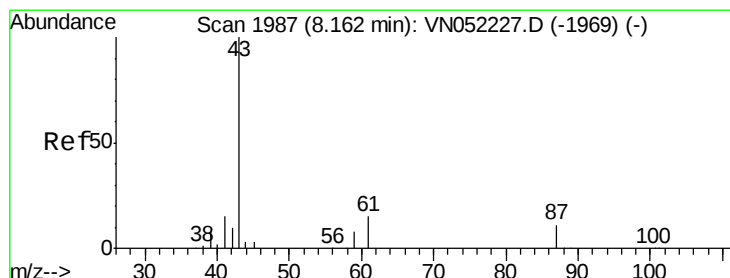
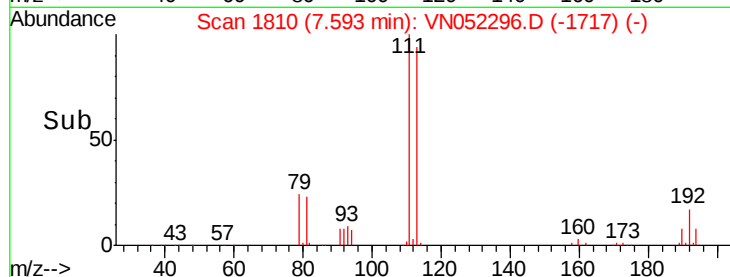
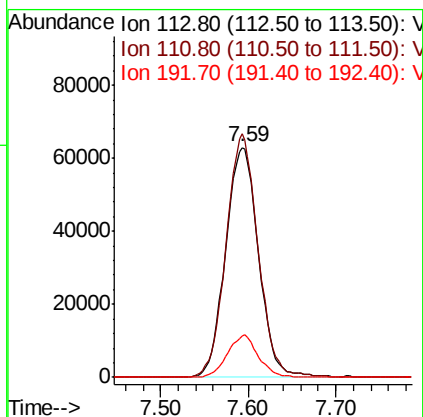
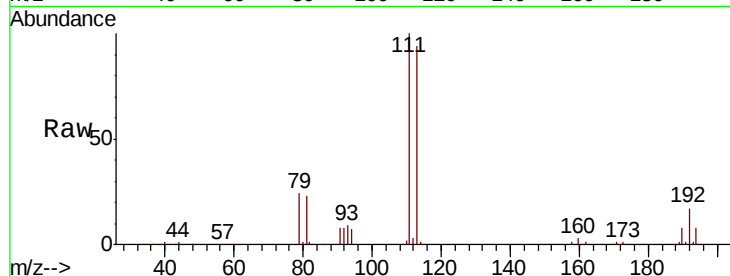




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052296.D
 Acq: 13 Nov 2018 19:30

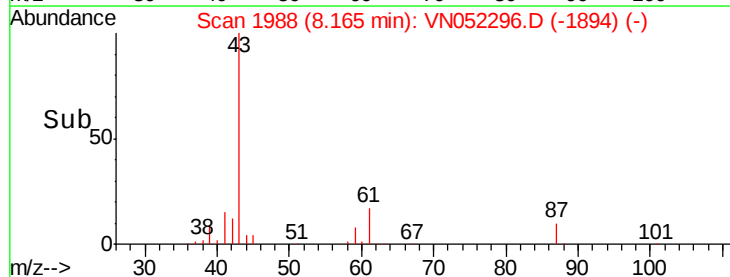
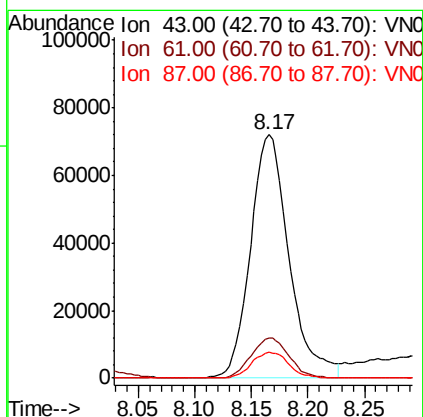
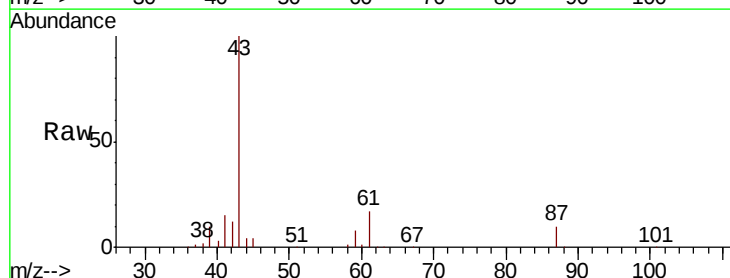
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#09

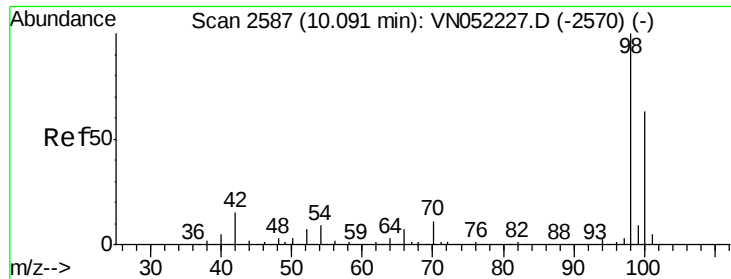
Tot Ion:113 Resp: 164773
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.2 120.4
 192 17.1 14.1 21.1



#43
 Isopropyl Acetate
 Concen: 24.824 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052296.D
 Acq: 13 Nov 2018 19:30

Tgt Ion: 43 Resp: 171257
 Ion Ratio Lower Upper
 43 100
 61 16.2 14.2 21.4
 87 10.1 8.4 12.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052296.D

Acq: 13 Nov 2018 19:30

Instrument :

MSVOA_N

ClientSampleId :

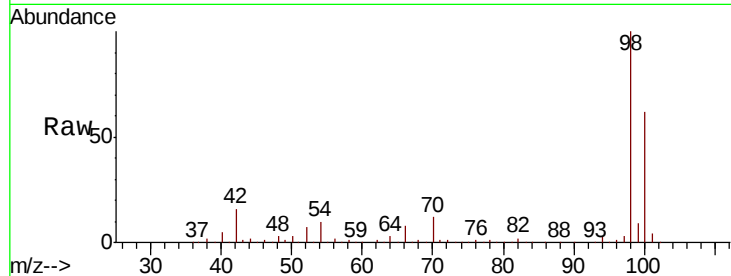
PB114744ZHE#09

Tot Ion: 98 Resp: 644337

Ion Ratio Lower Upper

98 100

100 61.9 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN052227.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052227.D (-2570) (-)

10.09

400000

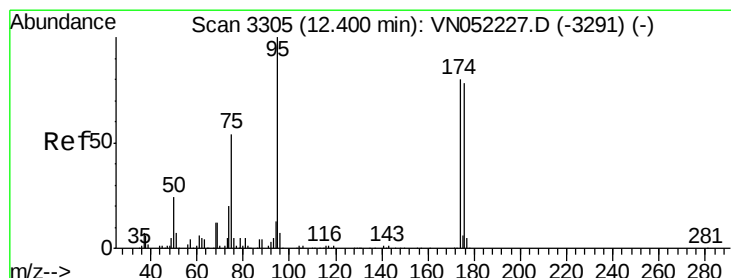
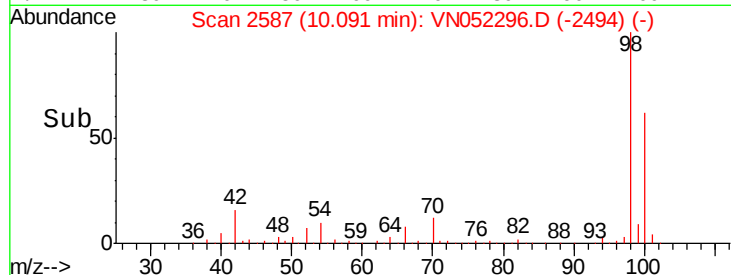
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052296.D

Acq: 13 Nov 2018 19:30

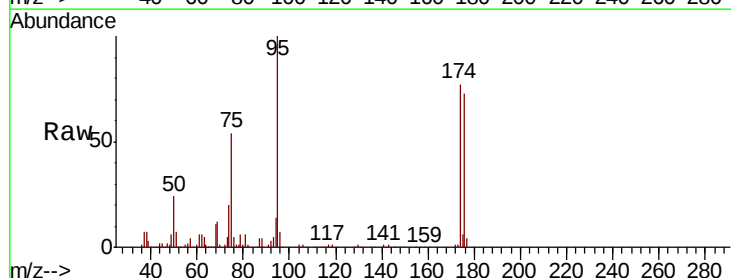
Tgt Ion: 95 Resp: 184791

Ion Ratio Lower Upper

95 100

174 77.9 0.0 159.4

176 74.1 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN052227.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052227.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052227.D (-3291) (-)

12.40

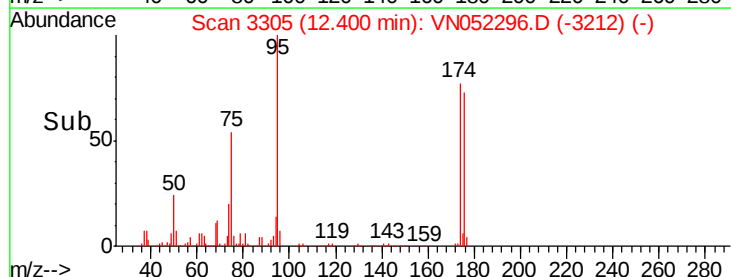
150000

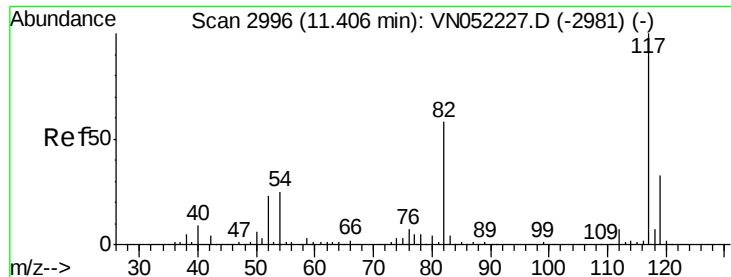
100000

50000

0

Time-->

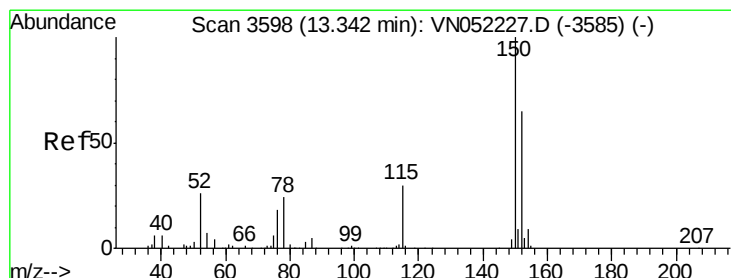
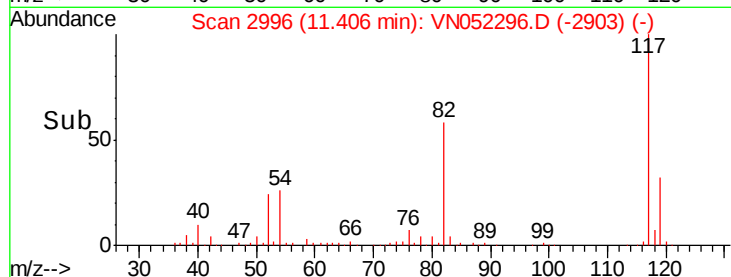
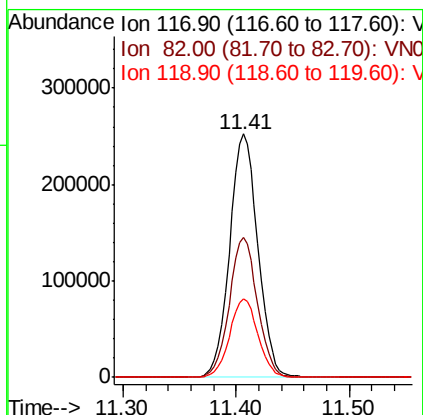
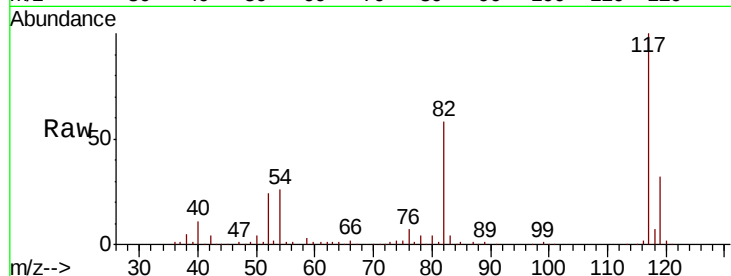




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052296.D
Acq: 13 Nov 2018 19:30

Instrument :
MSVOA_N
ClientSampleId :
PB114744ZHE#09

Tot Ion:117 Resp: 436780
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.2
119 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052296.D
Acq: 13 Nov 2018 19:30

Tgt Ion:152 Resp: 153565
Ion Ratio Lower Upper
152 100
115 61.1 29.8 89.5
150 158.5 0.0 350.2

