

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051229.D
 Acq On : 15 Sep 2018 17:58
 Operator : MD\SY
 Sample : PB112879ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#10

Quant Time: Sep 17 03:38:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

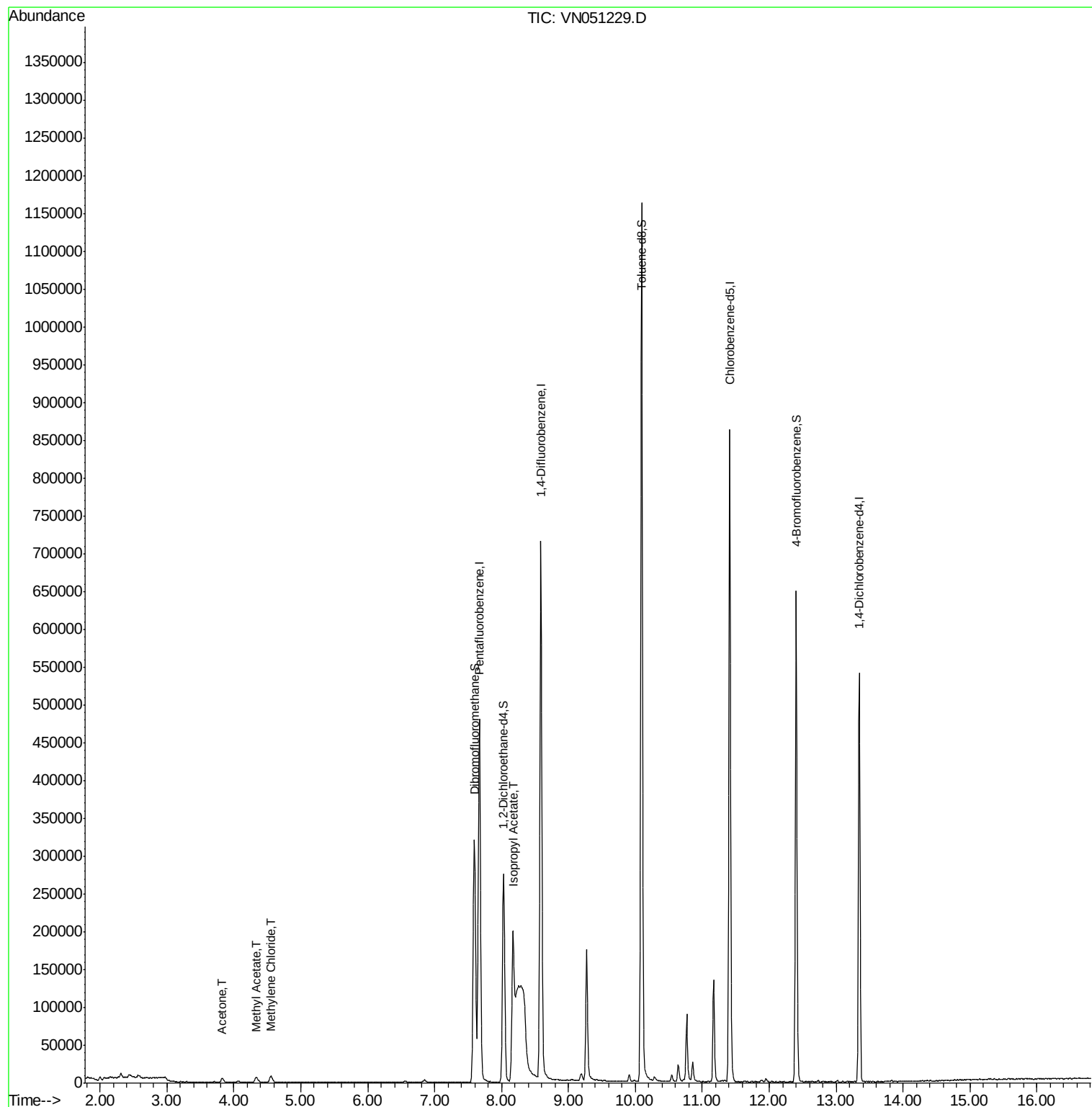
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	425057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	683286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	552266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	164055	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	235661	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
35) Dibromofluoromethane	7.59	113	251198	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
50) Toluene-d8	10.09	98	864875	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	
62) 4-Bromofluorobenzene	12.40	95	226282	35.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.22%	
Target Compounds						
16) Acetone	3.82	43	8133	1.14	ug/l	97
18) Methyl Acetate	4.33	43	14826	3.91	ug/l	91
20) Methylene Chloride	4.55	84	6616	1.27	ug/l #	89
43) Isopropyl Acetate	8.17	43	240549	31.38	ug/l #	81

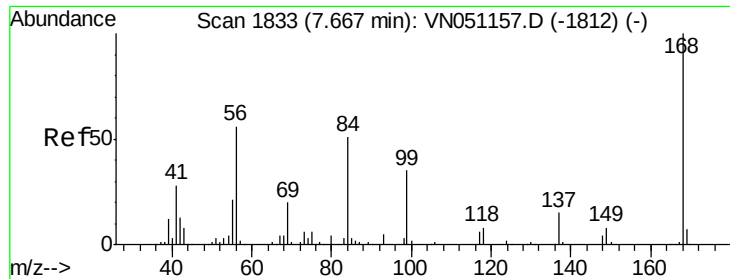
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051229.D

Acq: 15 Sep 2018 17:58

Instrument :

MSVOA_N

ClientSampleId :

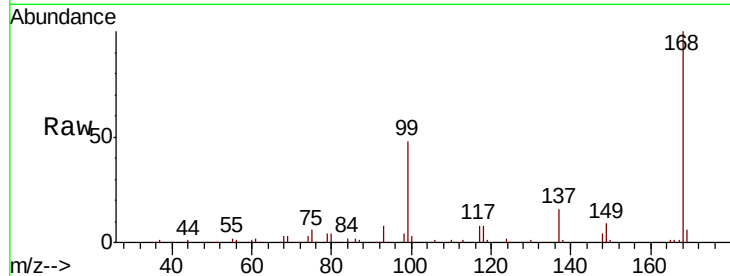
PB112879ZHE#10

Tot Ion:168 Resp: 425057

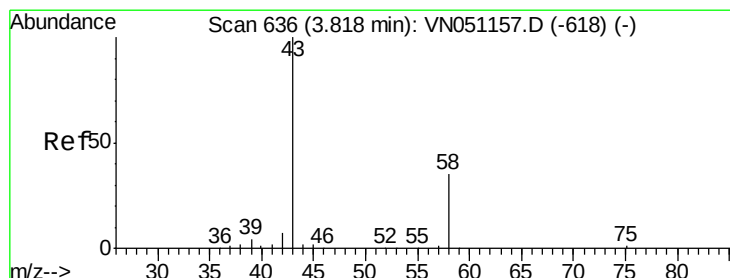
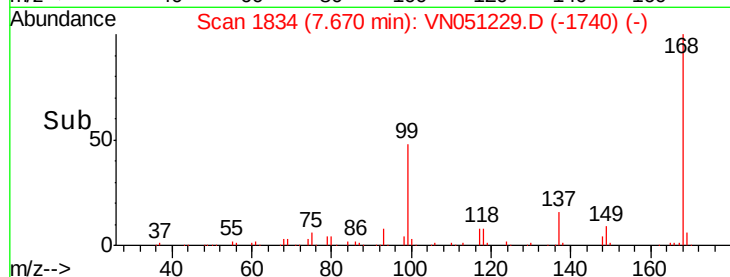
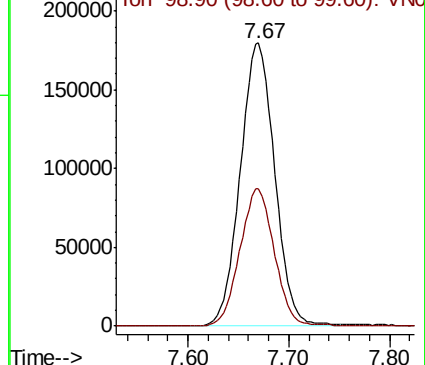
Ion Ratio Lower Upper

168 100

99 48.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051157.D (-1812) (-)



#16

Acetone

Concen: 1.14 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051229.D

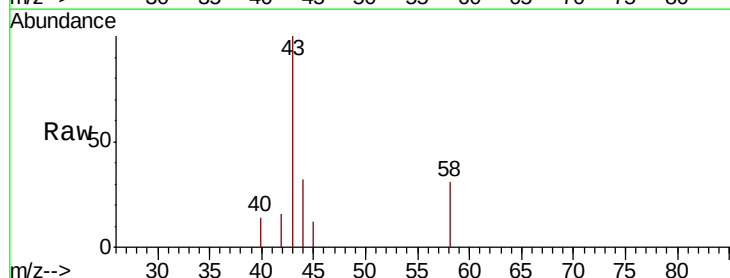
Acq: 15 Sep 2018 17:58

Tgt Ion: 43 Resp: 8133

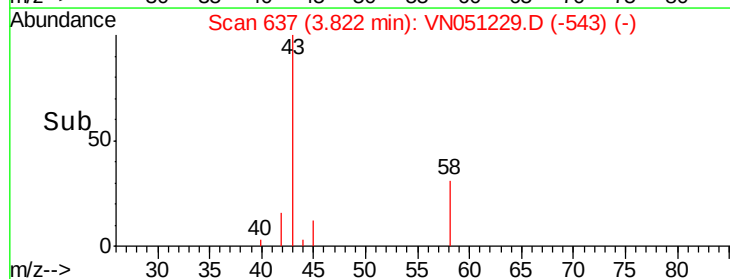
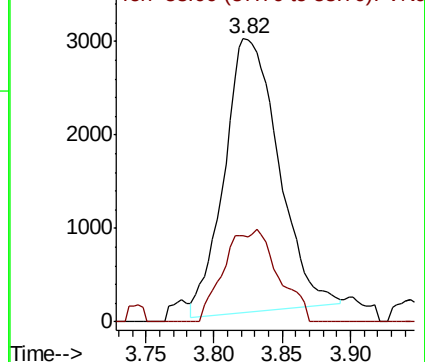
Ion Ratio Lower Upper

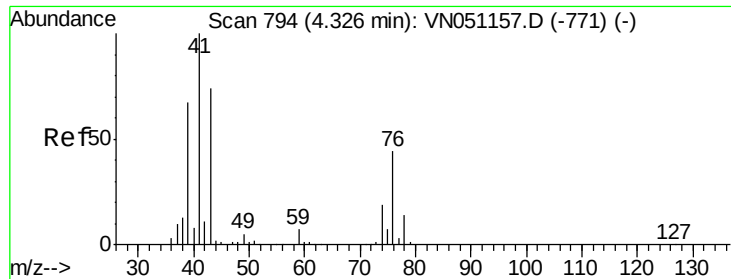
43 100

58 32.8 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-618) (-)

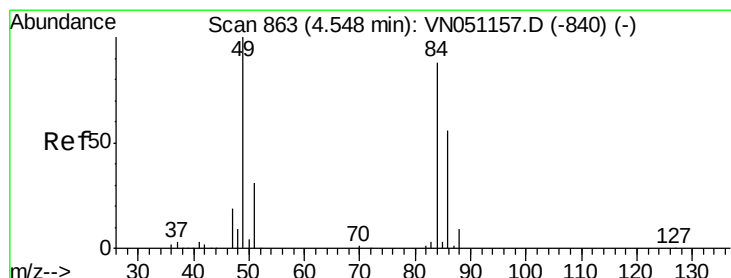
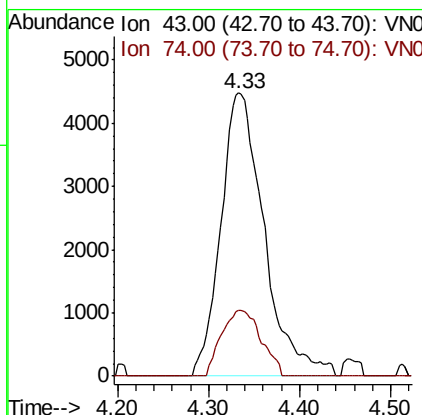
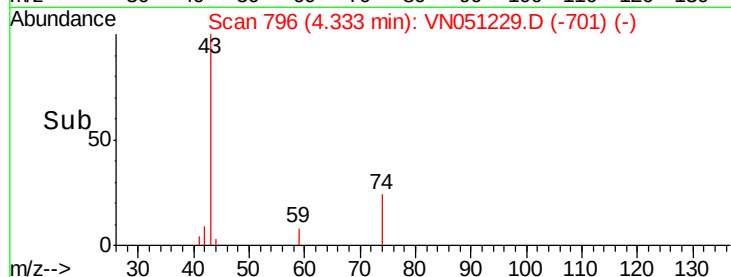
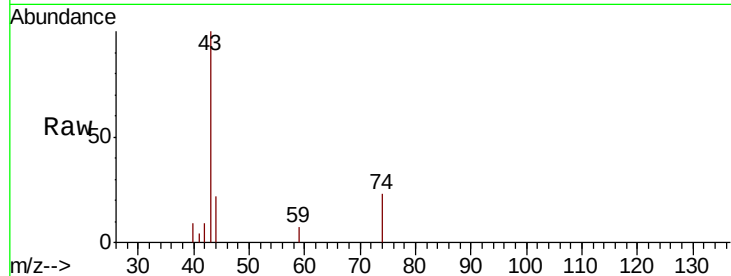




#18
Methyl Acetate
Concen: 3.91 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051229.D
Acq: 15 Sep 2018 17:58

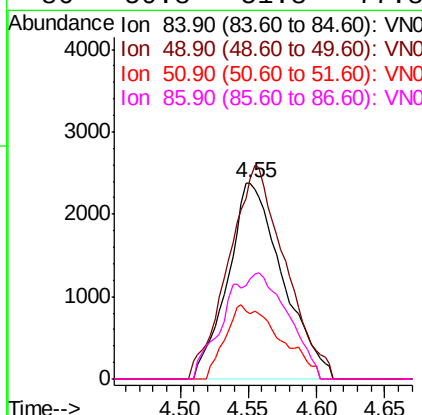
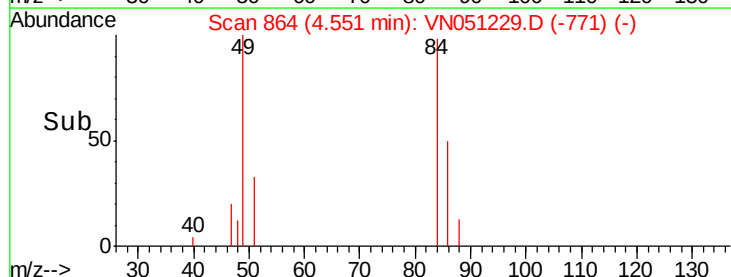
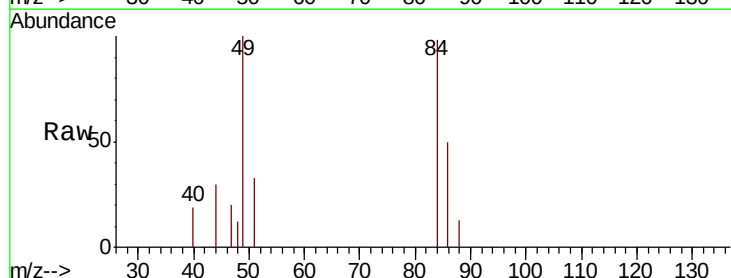
Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#10

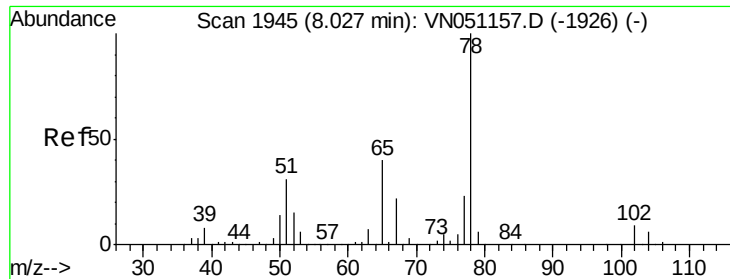
Tot Ion: 43 Resp: 14826
Ion Ratio Lower Upper
43 100
74 21.3 20.7 31.1



#20
Methylene Chloride
Concen: 1.27 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051229.D
Acq: 15 Sep 2018 17:58

Tgt Ion: 84 Resp: 6616
Ion Ratio Lower Upper
84 100
49 101.6 90.2 135.2
51 33.3 28.4 42.6
86 50.8 51.8 77.8#

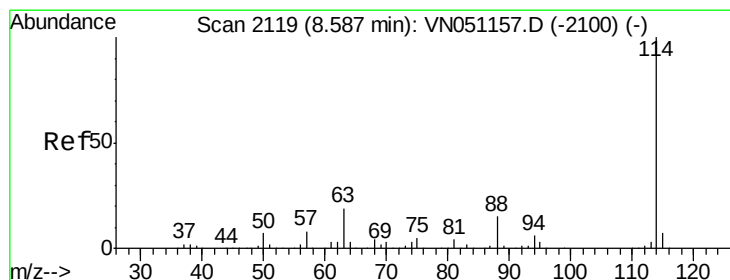
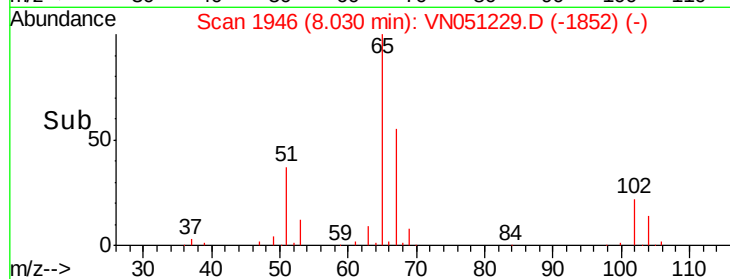
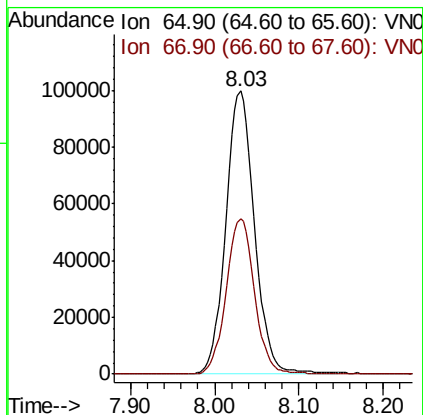
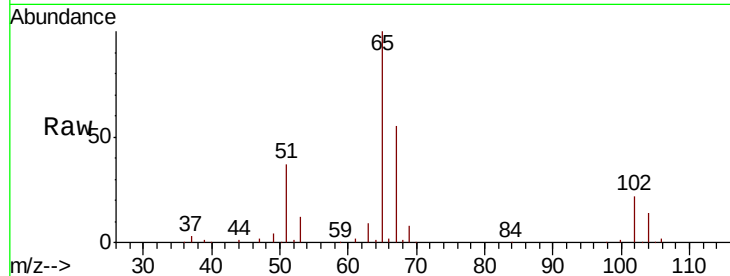




#33
 1,2-Dichloroethane-d4
 Concen: 49.82 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051229.D
 Acq: 15 Sep 2018 17:58

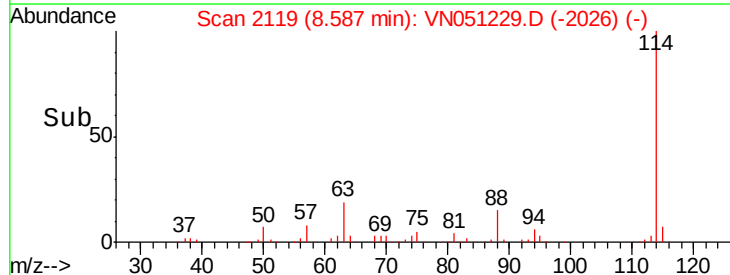
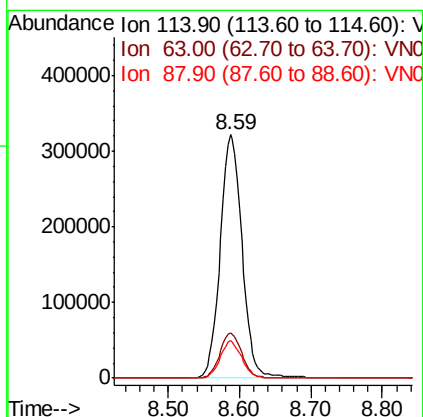
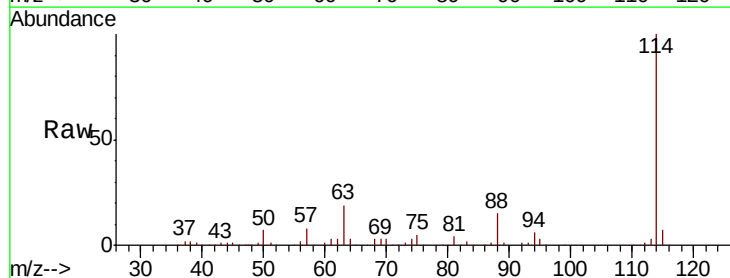
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#10

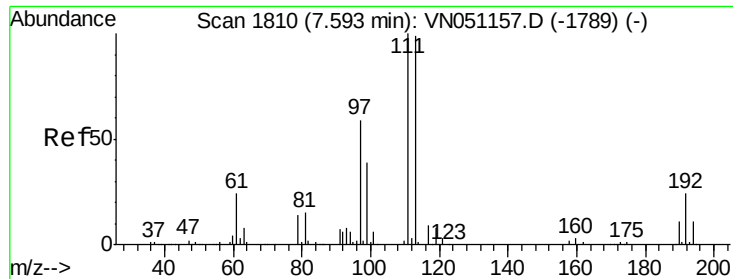
Tot Ion: 65 Resp: 235661
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051229.D
 Acq: 15 Sep 2018 17:58

Tgt Ion:114 Resp: 683286
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.8
 88 15.3 0.0 30.8

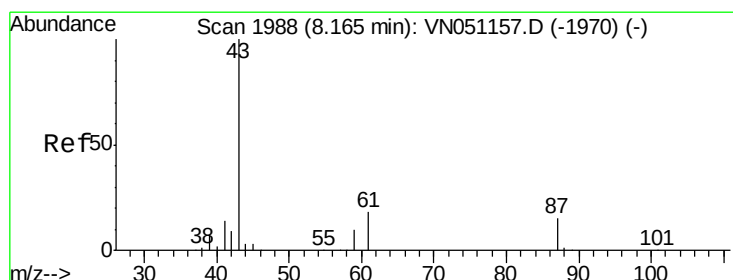
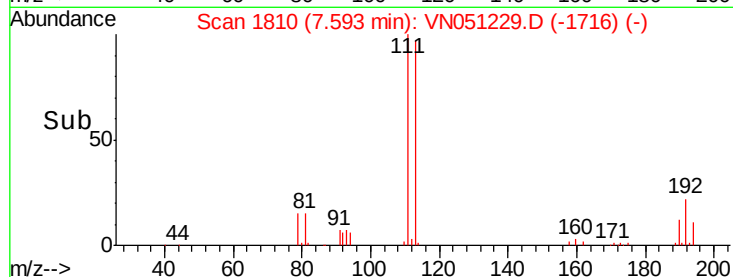
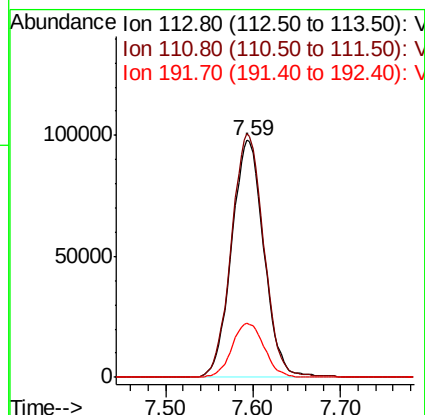
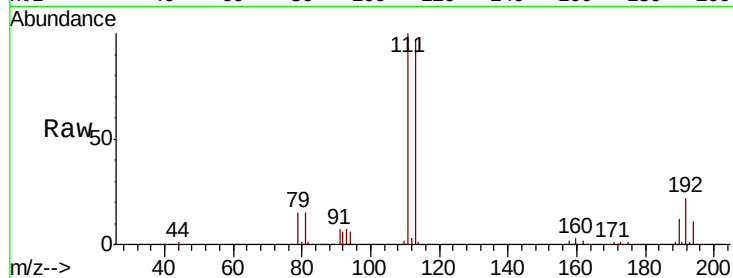




#35
 Dibromofluoromethane
 Concen: 48.93 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051229.D
 Acq: 15 Sep 2018 17:58

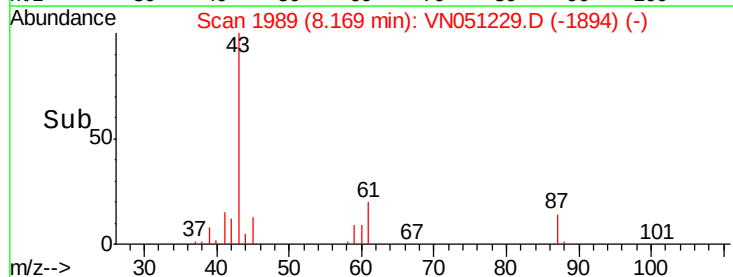
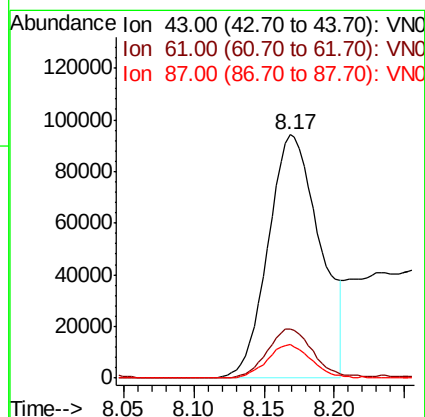
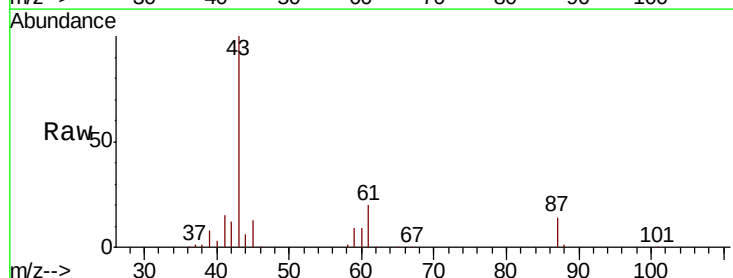
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#10

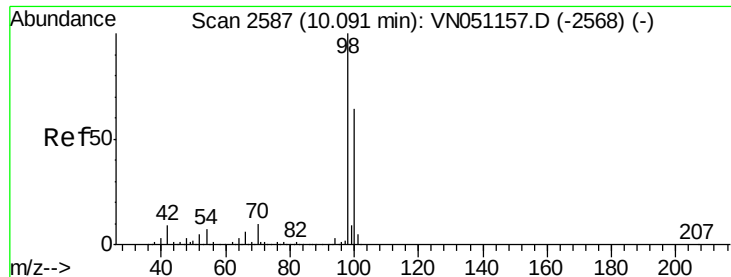
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.0	124.6
192	22.8	18.7	28.1



#43
 Isopropyl Acetate
 Concen: 31.38 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN051229.D
 Acq: 15 Sep 2018 17:58

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.0	25.0	37.6#
87	11.8	11.8	17.8#





#50

Toluene-d8

Concen: 44.39 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051229.D

Acq: 15 Sep 2018 17:58

Instrument :

MSVOA_N

ClientSampleId :

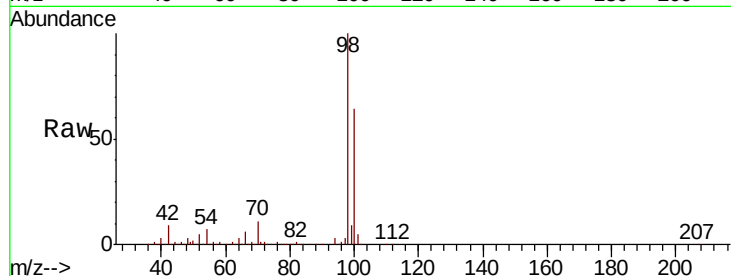
PB112879ZHE#10

Tot Ion: 98 Resp: 864875

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051157.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN051157.D (-2568) (-)

10.09

500000

400000

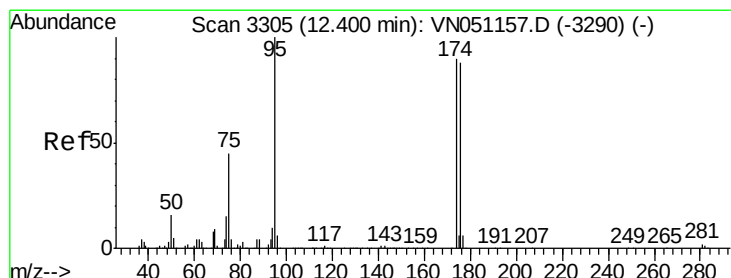
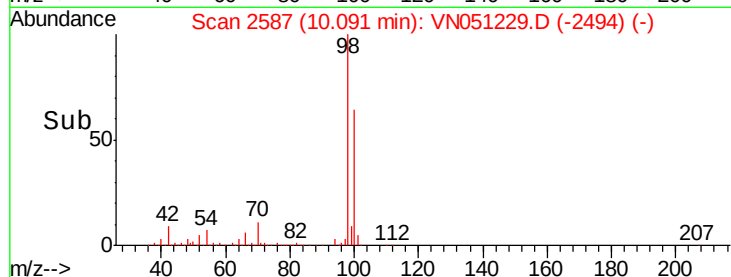
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 35.11 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051229.D

Acq: 15 Sep 2018 17:58

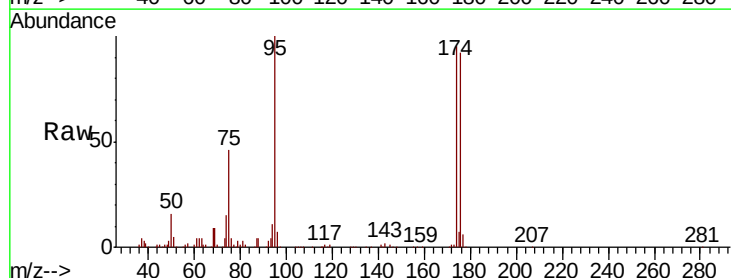
Tgt Ion: 95 Resp: 226282

Ion Ratio Lower Upper

95 100

174 93.6 0.0 184.8

176 90.6 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN051157.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051157.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051157.D (-3290) (-)

12.40

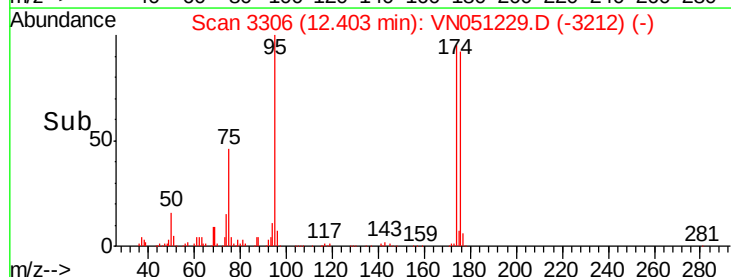
150000

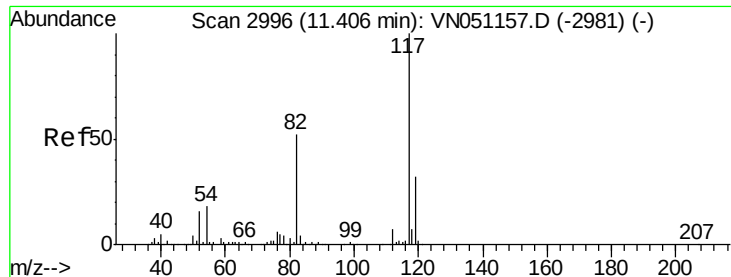
100000

50000

0

Time-->

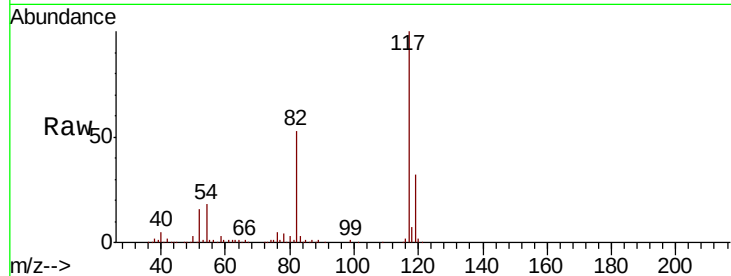




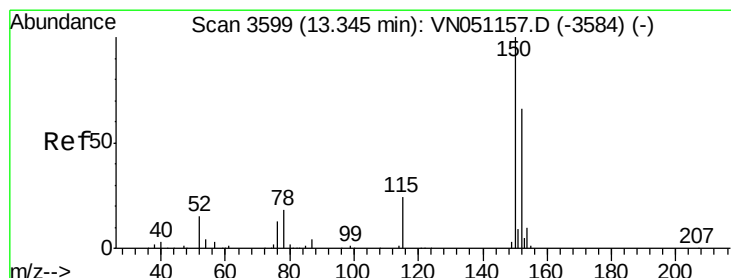
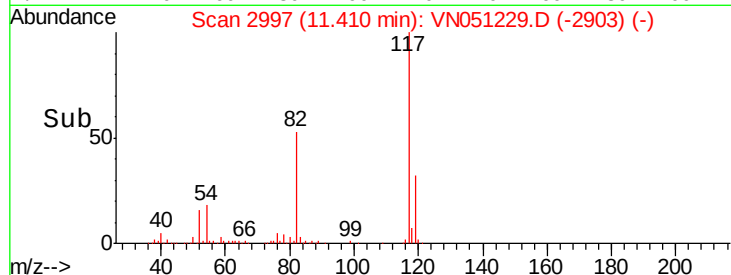
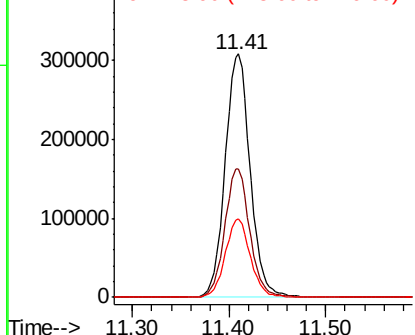
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051229.D
Acq: 15 Sep 2018 17:58

Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#10

Tot Ion:117 Resp: 552266
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.6
119 32.0 26.2 39.2

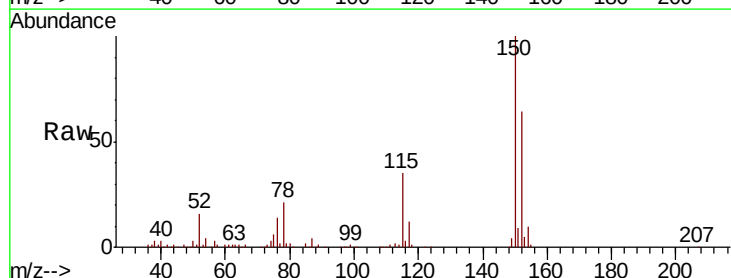


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051229.D
Acq: 15 Sep 2018 17:58

Tgt Ion:152 Resp: 164055
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 157.4 0.0 349.0



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

