

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051203.D
 Acq On : 14 Sep 2018 21:20
 Operator : MD\SY
 Sample : PB112829ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829ZHE#08

Quant Time: Sep 15 01:23:27 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	557431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	877251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	743384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	214188	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	336514	54.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.50%	
35) Dibromofluoromethane	7.59	113	339040	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
50) Toluene-d8	10.09	98	1191195	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.40	95	302157	36.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.04%	

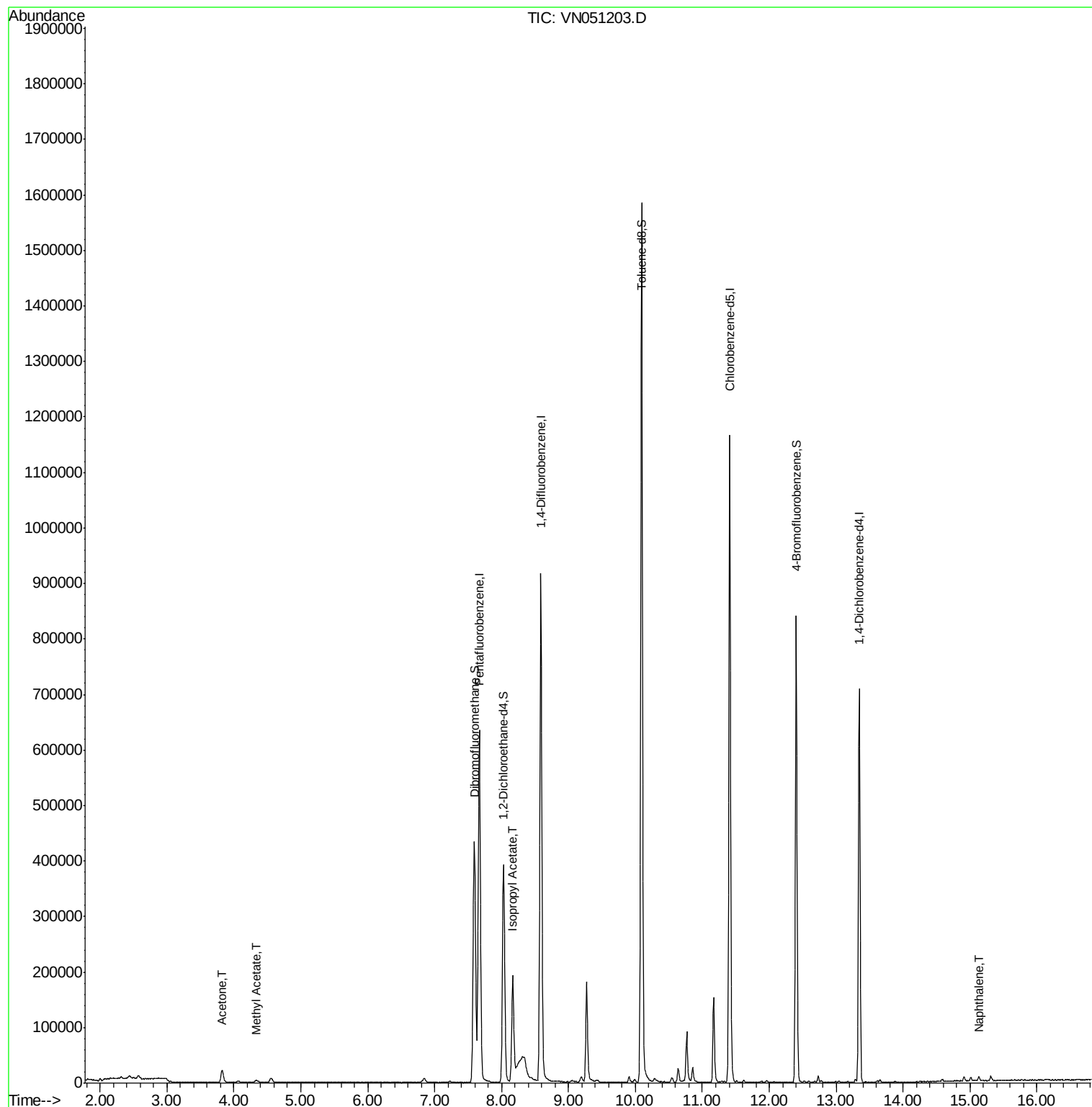
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	39023	20.07	ug/l	99
18) Methyl Acetate	4.34	43	9454	1.90	ug/l #	88
43) Isopropyl Acetate	8.17	43	222901	22.65	ug/l #	88
95) Naphthalene	15.14	128	6755	6.09	ug/l	97

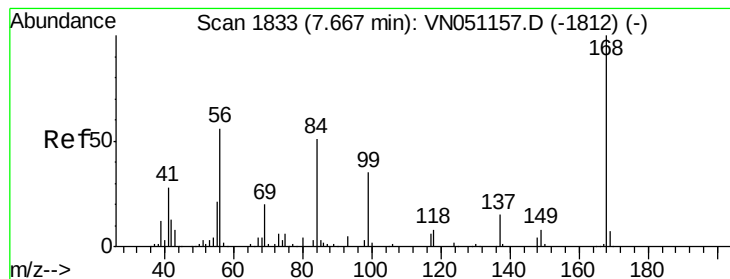
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051203.D

Acq: 14 Sep 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

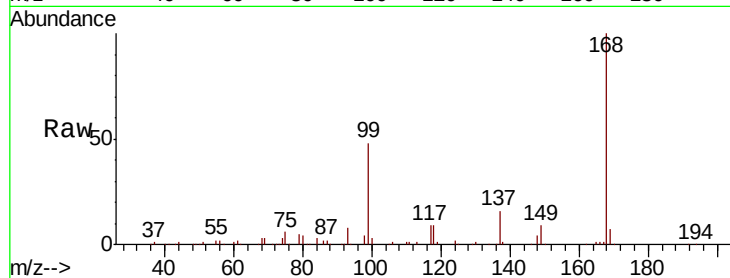
PB112829ZHE#08

Tot Ion:168 Resp: 557431

Ion Ratio Lower Upper

168 100

99 48.5 38.3 57.5



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

Ion 98.90 (98.60 to 99.60): VN051157.D (-1812) (-)

7.67

250000

200000

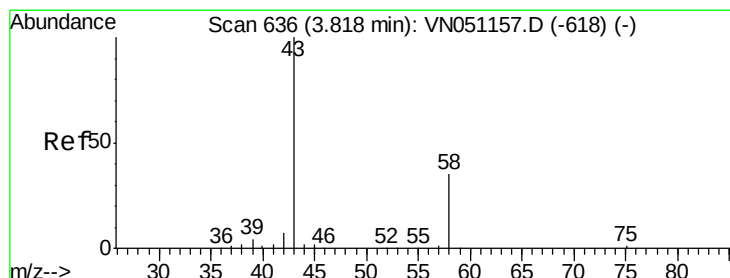
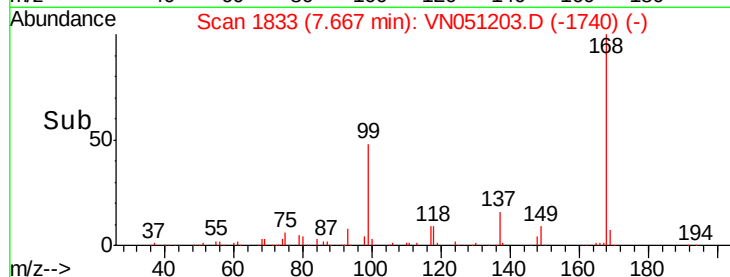
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 20.07 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051203.D

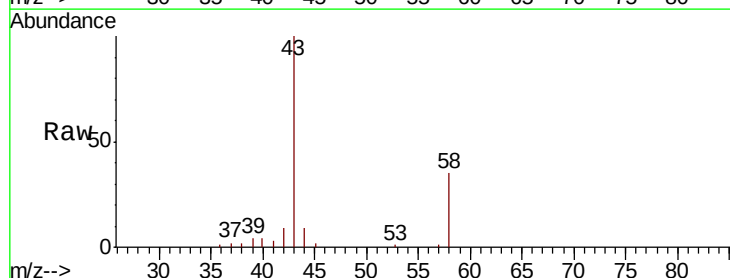
Acq: 14 Sep 2018 21:20

Tgt Ion: 43 Resp: 39023

Ion Ratio Lower Upper

43 100

58 35.5 27.8 41.6



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

Ion 58.00 (57.70 to 58.70): VN051157.D (-618) (-)

3.82

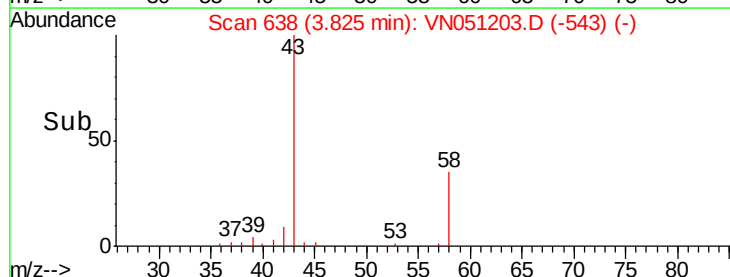
15000

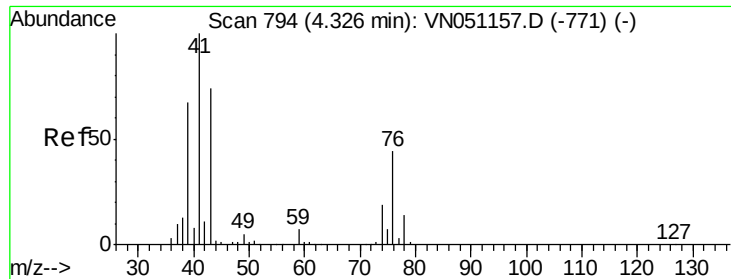
10000

5000

0

Time-->

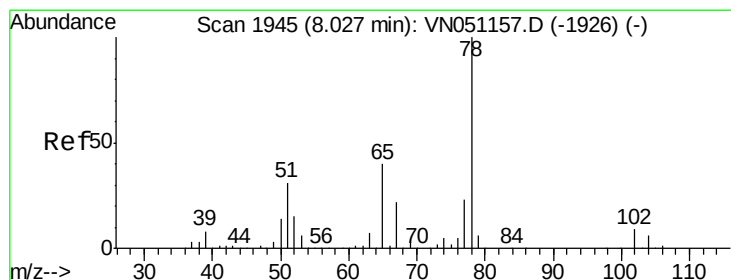
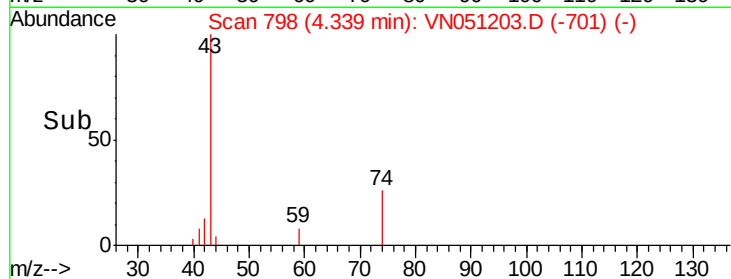
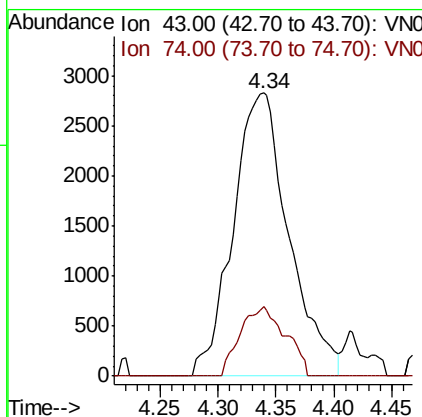
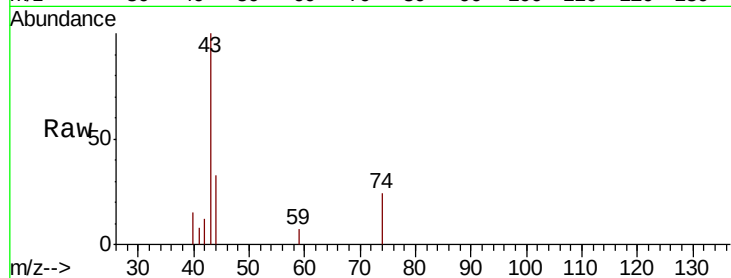




#18
Methyl Acetate
Concen: 1.90 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051203.D
Acq: 14 Sep 2018 21:20

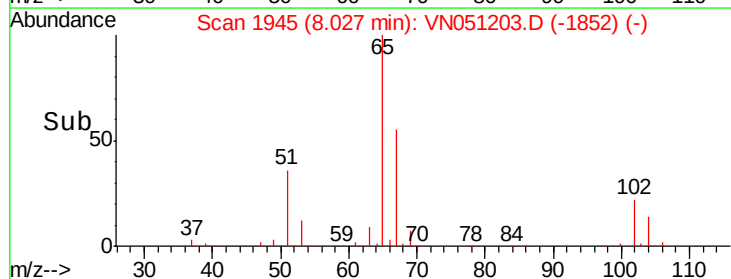
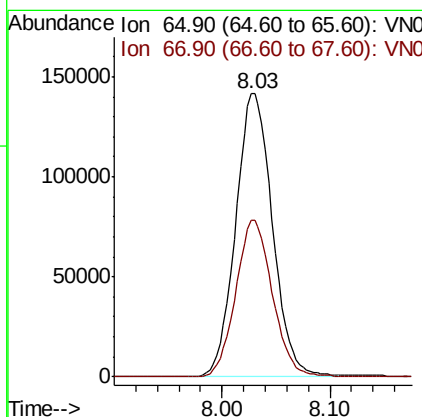
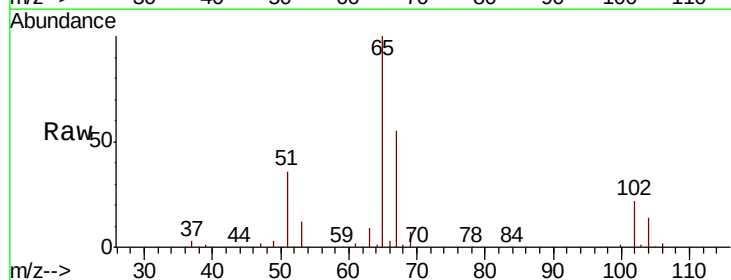
Instrument :
MSVOA_N
ClientSampleId :
PB112829ZHE#08

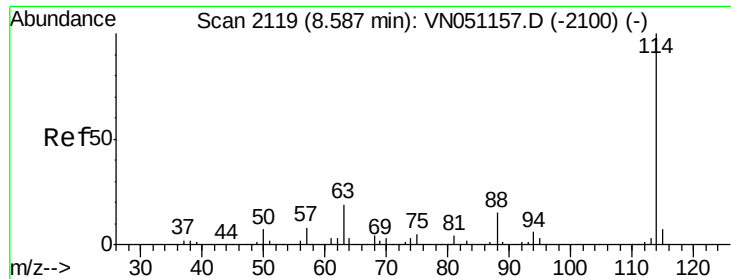
Tot Ion: 43 Resp: 9454
Ion Ratio Lower Upper
43 100
74 19.9 20.7 31.1#



#33
1,2-Dichloroethane-d4
Concen: 54.25 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051203.D
Acq: 14 Sep 2018 21:20

Tgt Ion: 65 Resp: 336514
Ion Ratio Lower Upper
65 100
67 55.2 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: VN051203.D

Acq: 14 Sep 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

PB112829ZHE#08

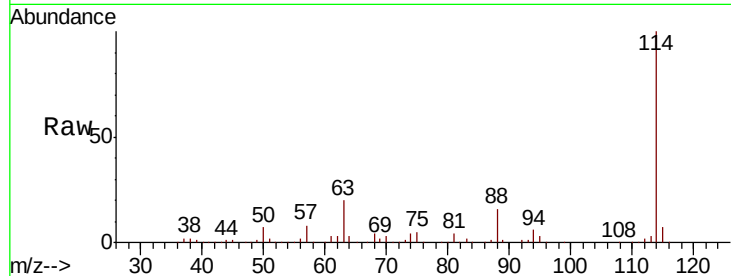
Tot Ion:114 Resp: 877251

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.8

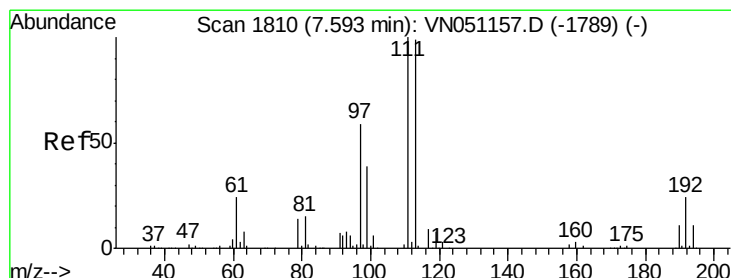
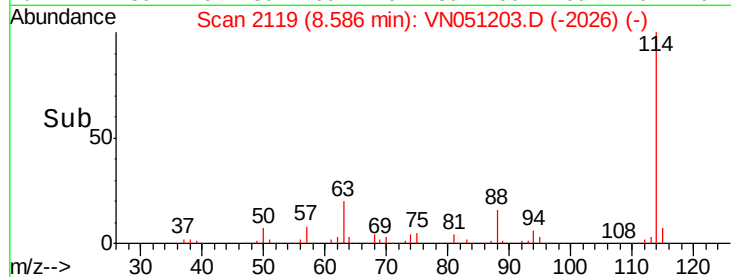
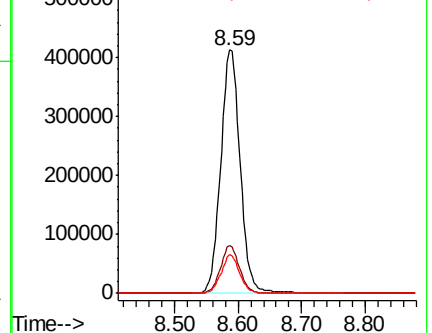
88 15.7 0.0 30.8



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: 51.43 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051203.D

Acq: 14 Sep 2018 21:20

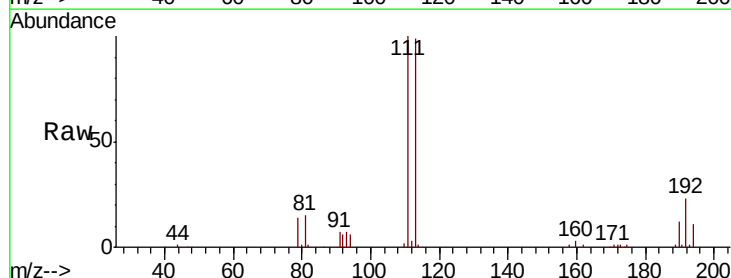
Tgt Ion:113 Resp: 339040

Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.6

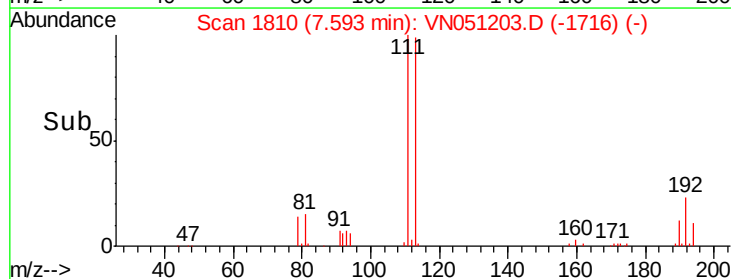
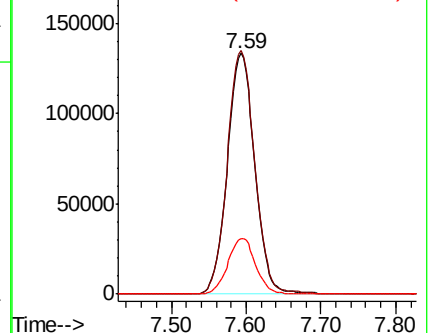
192 23.3 18.7 28.1

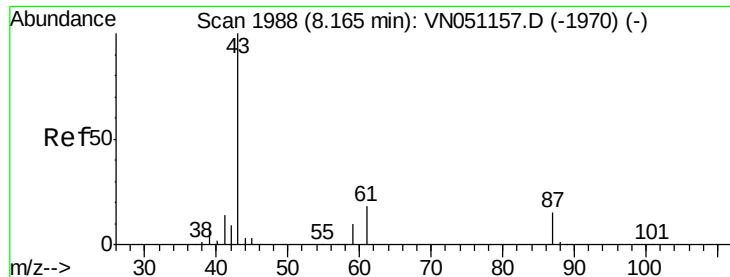


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 22.65 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051203.D

Acq: 14 Sep 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

PB112829ZHE#08

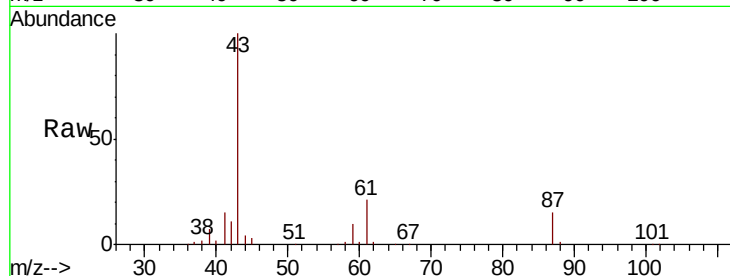
Tot Ion: 43 Resp: 222901

Ion Ratio Lower Upper

43 100

61 21.6 25.0 37.6#

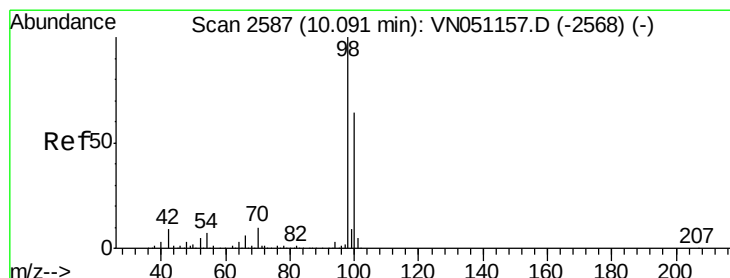
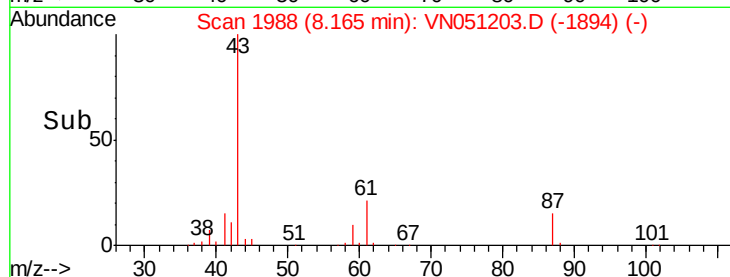
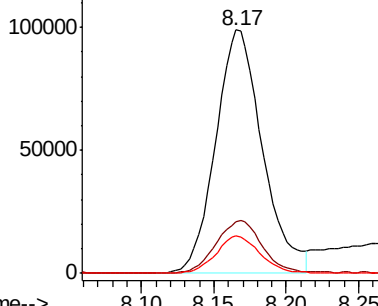
87 14.5 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN051157.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN051157.D (-1970) (-)



#50

Toluene-d8

Concen: 47.62 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051203.D

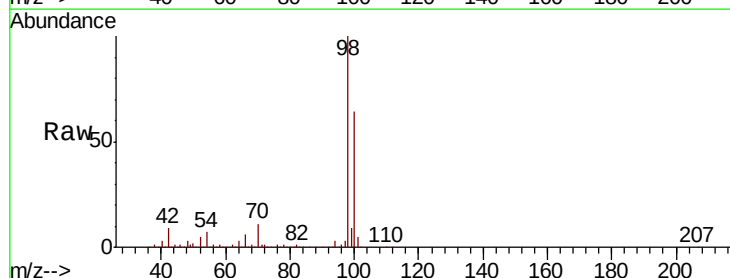
Acq: 14 Sep 2018 21:20

Tgt Ion: 98 Resp: 1191195

Ion Ratio Lower Upper

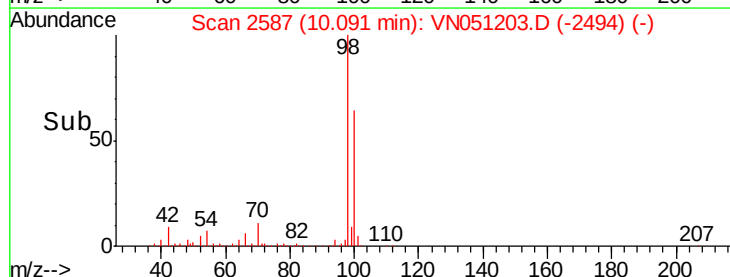
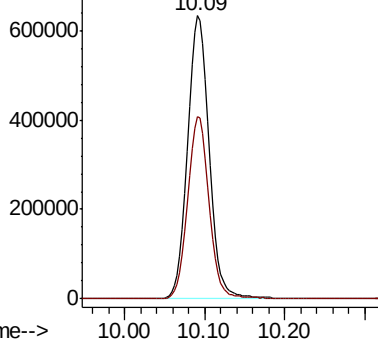
98 100

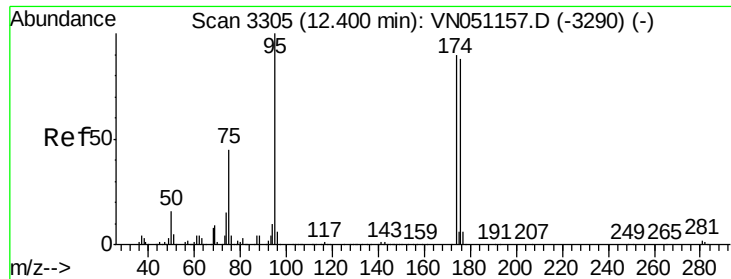
100 64.0 52.0 78.0



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

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

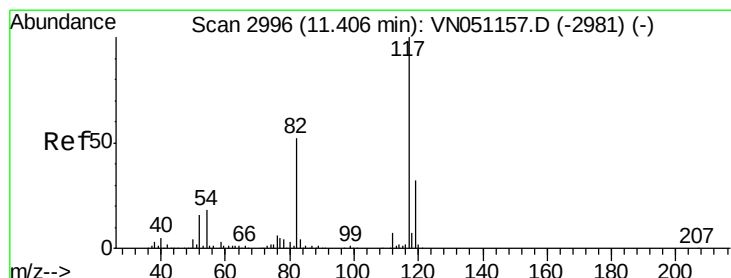
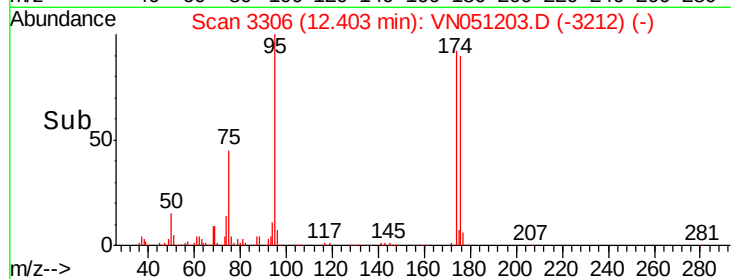
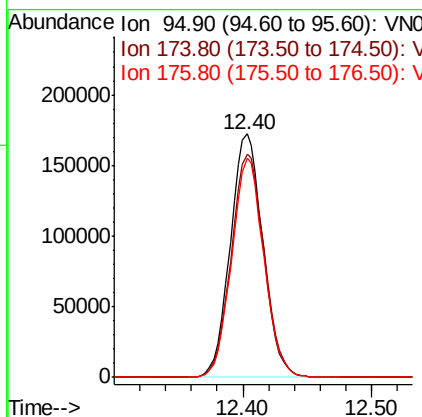
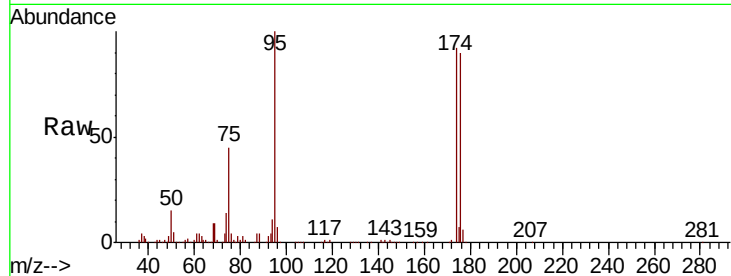




#62
4-Bromofluorobenzene
Concen: 36.52 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051203.D
Acq: 14 Sep 2018 21:20

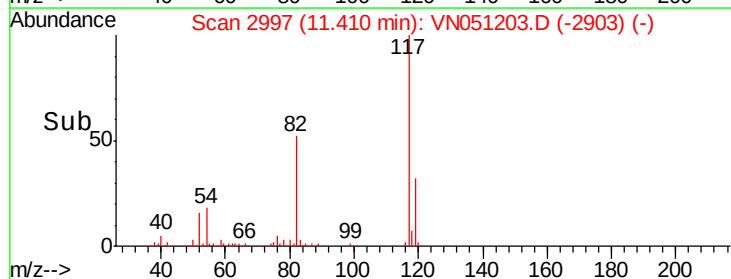
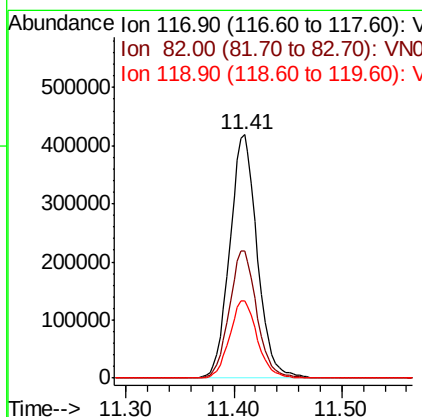
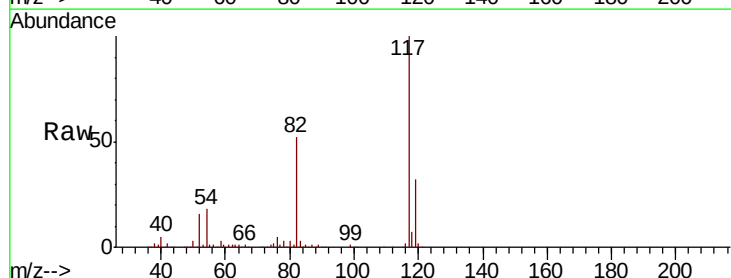
Instrument :
MSVOA_N
ClientSampleId :
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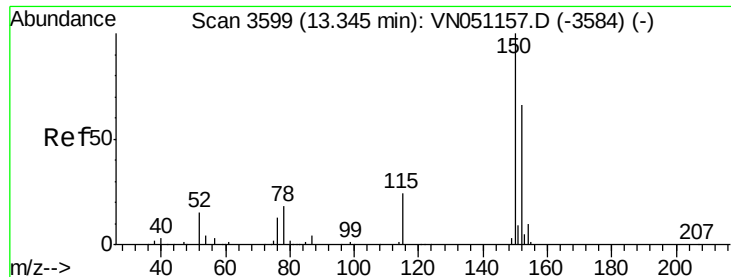
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.1	0.0	184.8
176	89.0	0.0	178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051203.D
Acq: 14 Sep 2018 21:20

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.8	62.6
119	32.0	26.2	39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051203.D

Acq: 14 Sep 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

PB112829ZHE#08

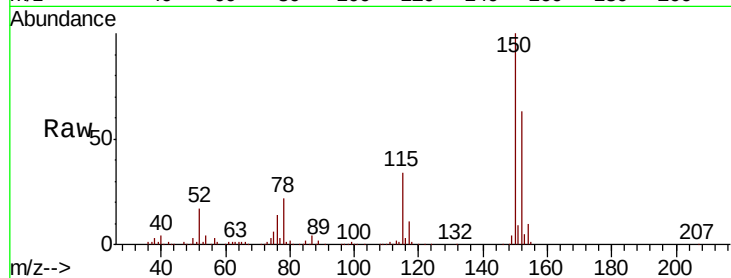
Tot Ion:152 Resp: 214188

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

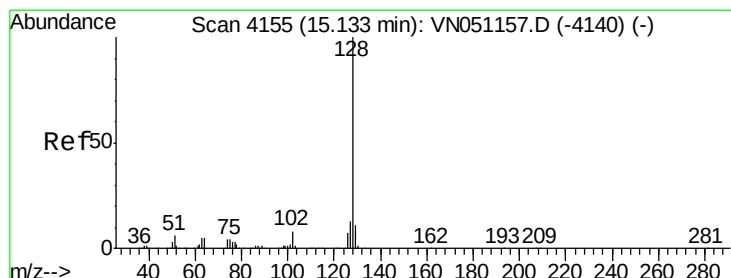
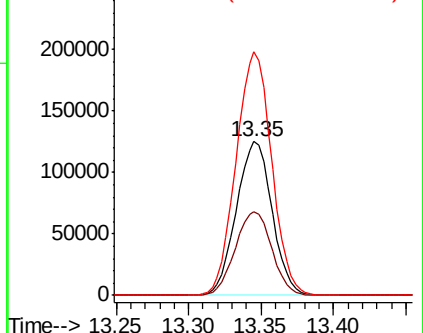
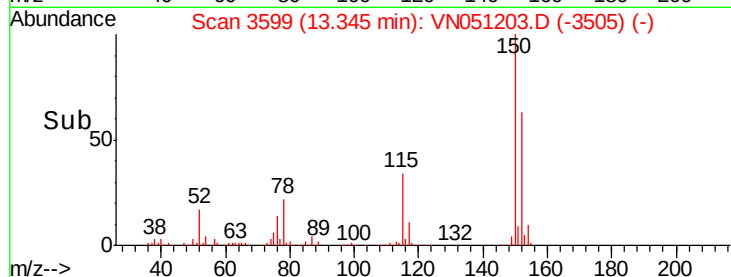
150 157.9 0.0 349.0



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



#95

Naphthalene

Concen: 6.09 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051203.D

Acq: 14 Sep 2018 21:20

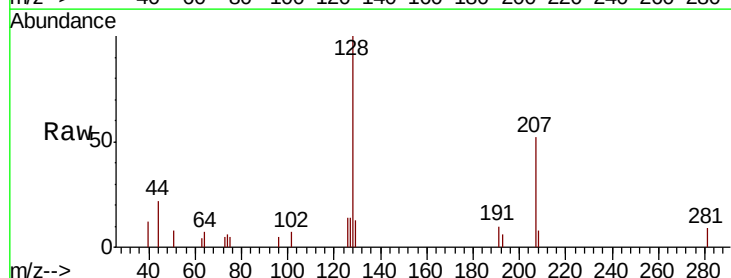
Tgt Ion:128 Resp: 6755

Ion Ratio Lower Upper

128 100

127 10.9 10.6 15.8

129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

