

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051195.D
 Acq On : 14 Sep 2018 17:14
 Operator : MD\SY
 Sample : PB112829ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829ZHE#05

Quant Time: Sep 15 00:47:57 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	582762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	952693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	785580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	243255	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	362847	55.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.90%	
35) Dibromofluoromethane	7.59	113	359536	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
50) Toluene-d8	10.09	98	1266434	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
62) 4-Bromofluorobenzene	12.40	95	327093	36.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.80%	

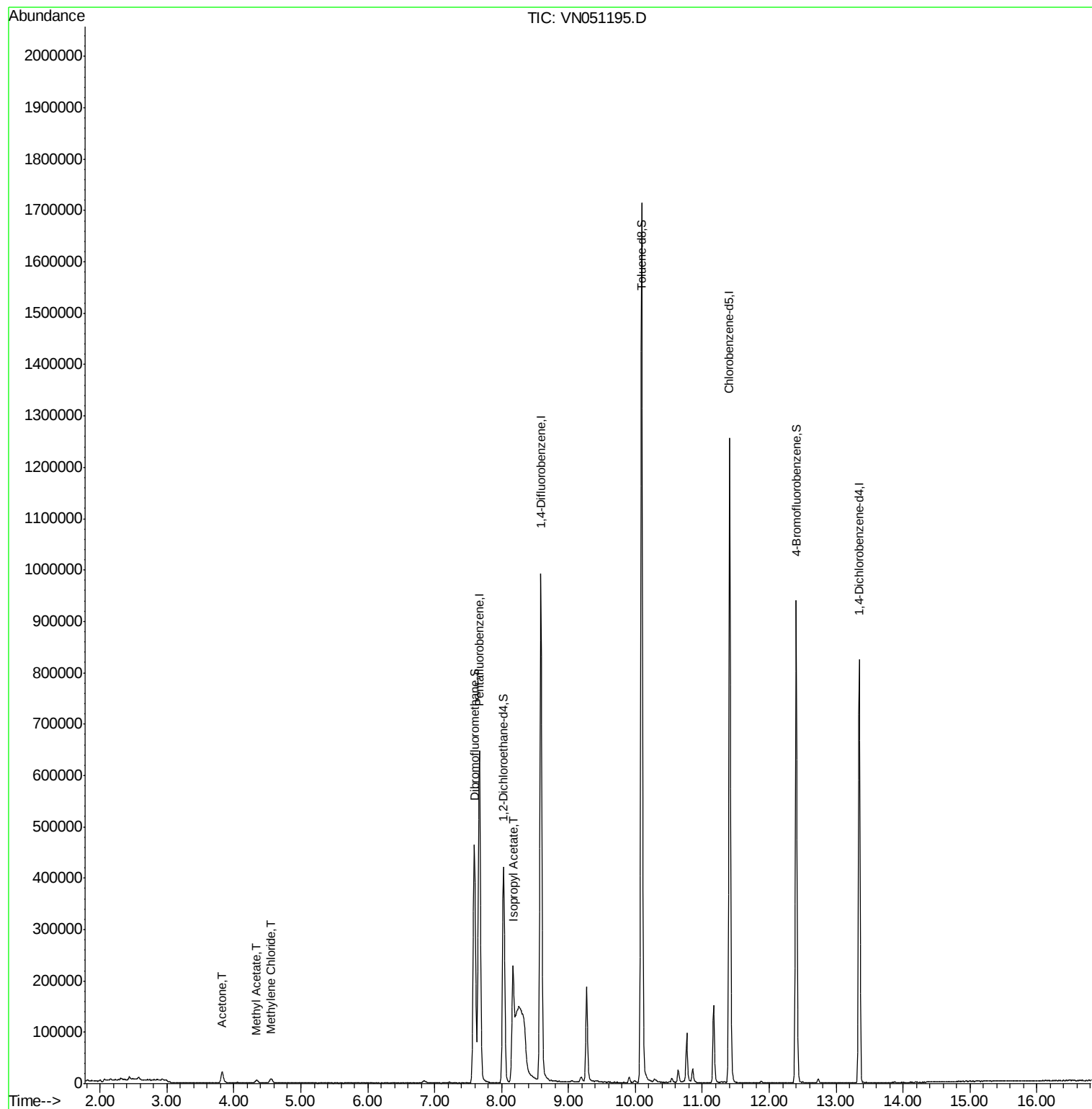
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	37221	17.79	ug/l	99
18) Methyl Acetate	4.34	43	12474	2.40	ug/l #	83
20) Methylene Chloride	4.56	84	7197	1.00	ug/l #	97
43) Isopropyl Acetate	8.17	43	283883	26.56	ug/l #	80

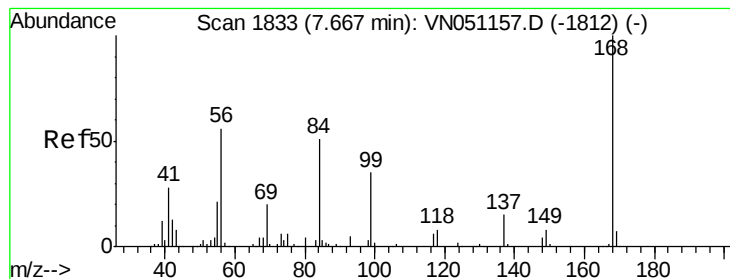
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
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: VN051195.D

Acq: 14 Sep 2018 17:14

Instrument :

MSVOA_N

ClientSampleId :

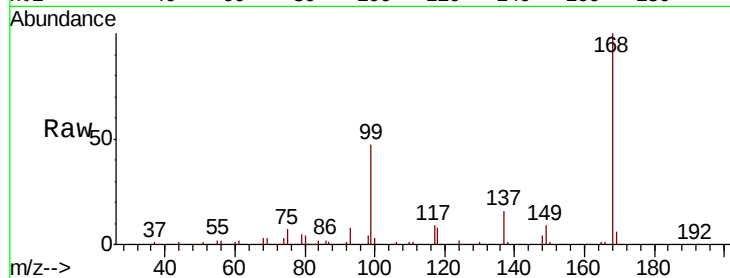
PB112829ZHE#05

Tot Ion:168 Resp: 582762

Ion Ratio Lower Upper

168 100

99 47.0 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

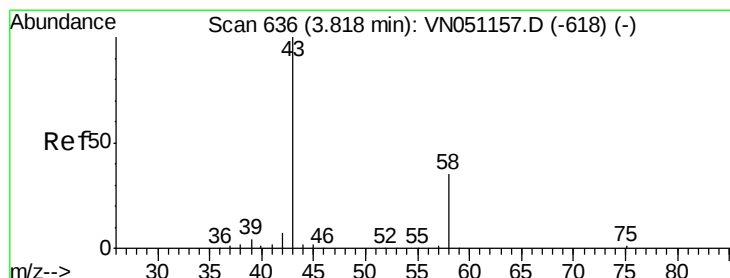
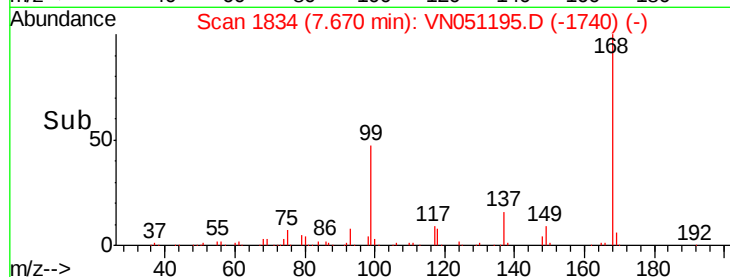
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 17.79 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051195.D

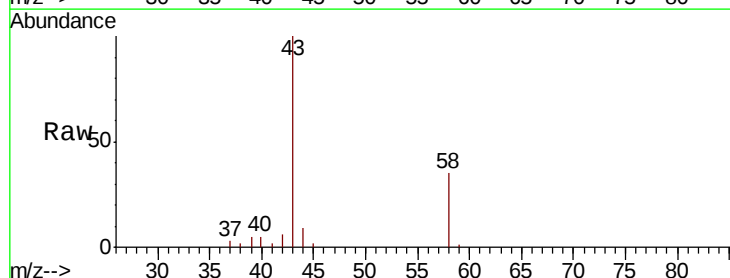
Acq: 14 Sep 2018 17:14

Tgt Ion: 43 Resp: 37221

Ion Ratio Lower Upper

43 100

58 35.4 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

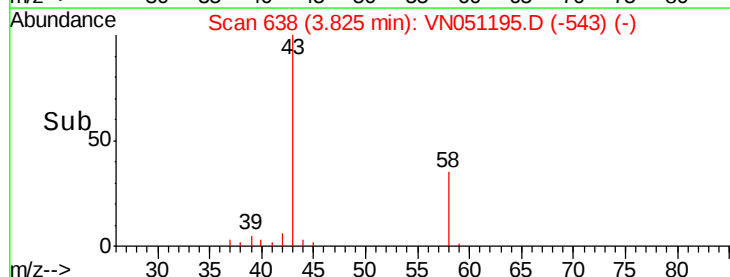
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10000

5000

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Time-->

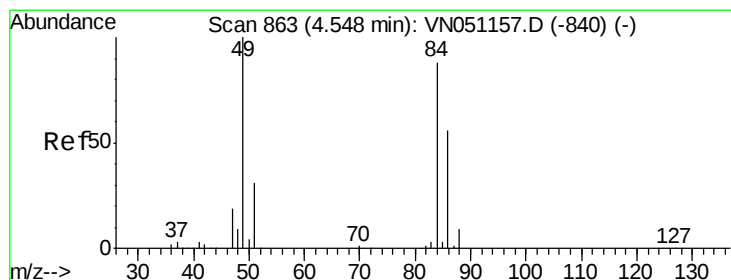
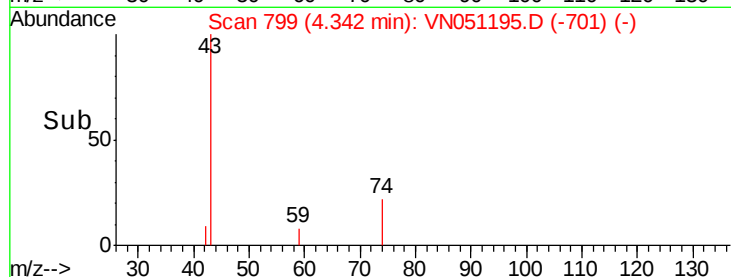
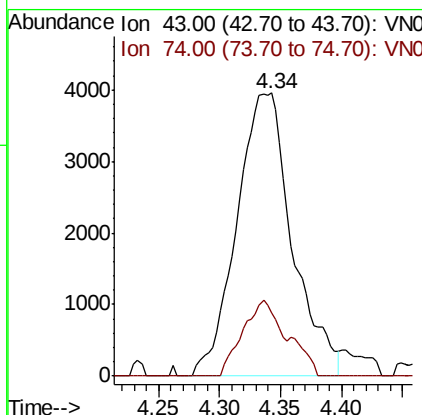
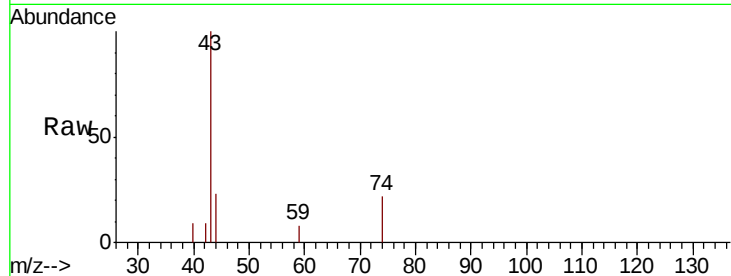




#18
Methyl Acetate
Concen: 2.40 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.02 min
Lab File: VN051195.D
Acq: 14 Sep 2018 17:14

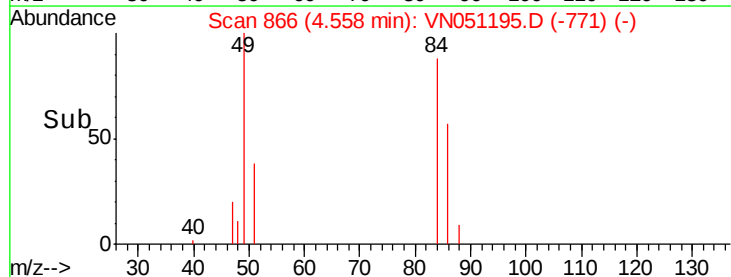
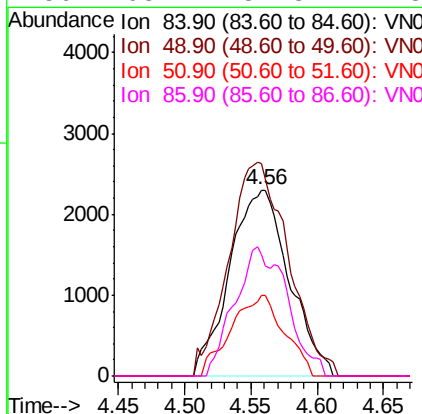
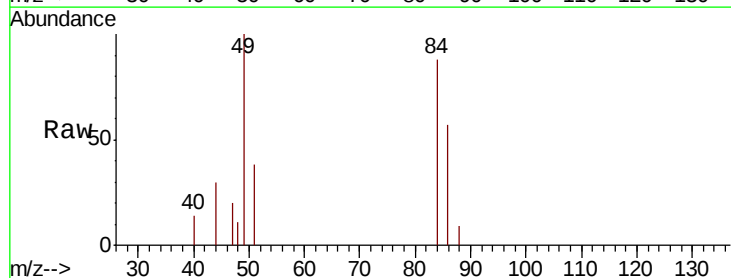
Instrument :
MSVOA_N
ClientSampleId :
PB112829ZHE#05

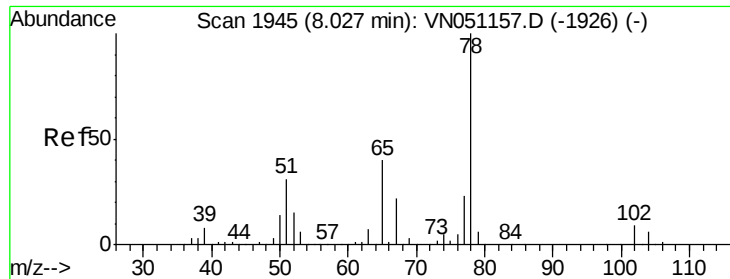
Tot Ion: 43 Resp: 12474
Ion Ratio Lower Upper
43 100
74 17.4 20.7 31.1#



#20
Methylene Chloride
Concen: 1.00 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051195.D
Acq: 14 Sep 2018 17:14

Tgt Ion: 84 Resp: 7197
Ion Ratio Lower Upper
84 100
49 114.1 90.2 135.2
51 43.1 28.4 42.6#
86 65.2 51.8 77.8

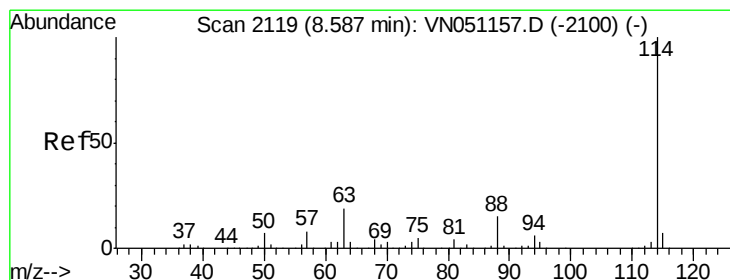
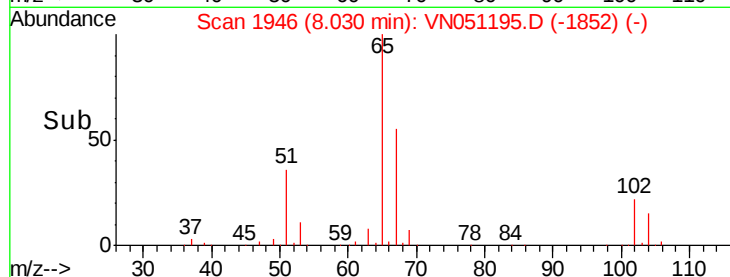
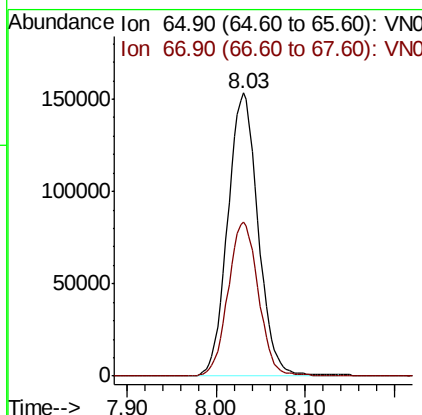
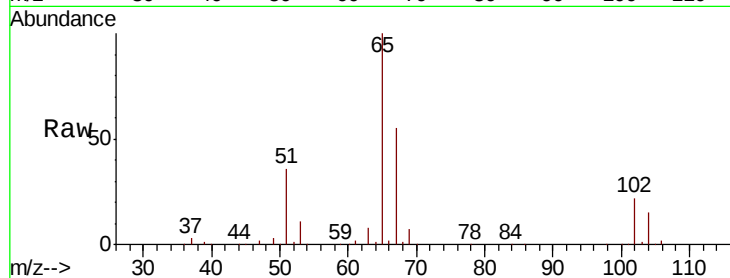




#33
 1,2-Dichloroethane-d4
 Concen: 55.95 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051195.D
 Acq: 14 Sep 2018 17:14

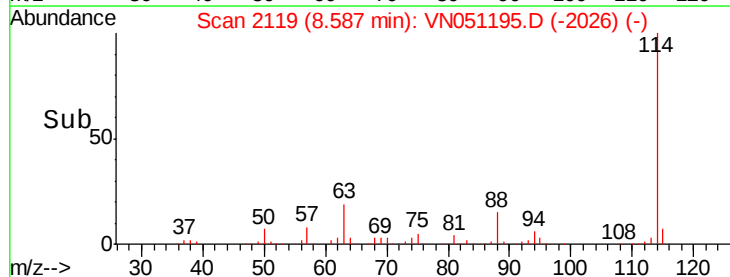
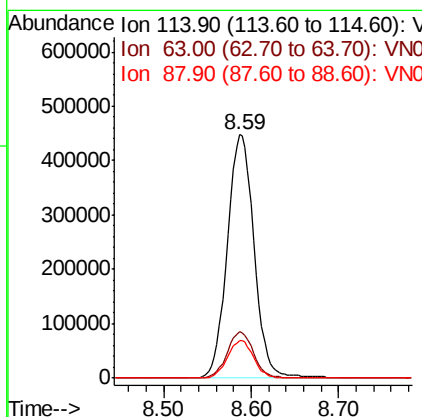
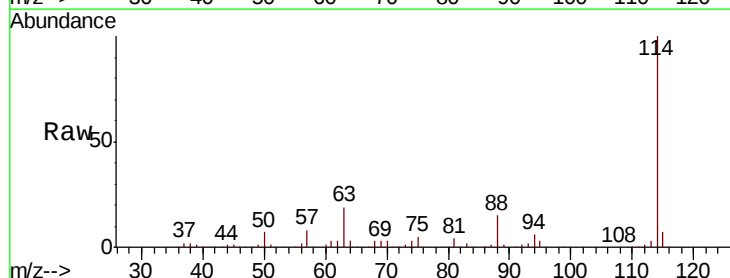
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829ZHE#05

Tot Ion: 65 Resp: 362847
 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: VN051195.D
 Acq: 14 Sep 2018 17:14

Tgt Ion: 114 Resp: 952693
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.8
 88 15.4 0.0 30.8

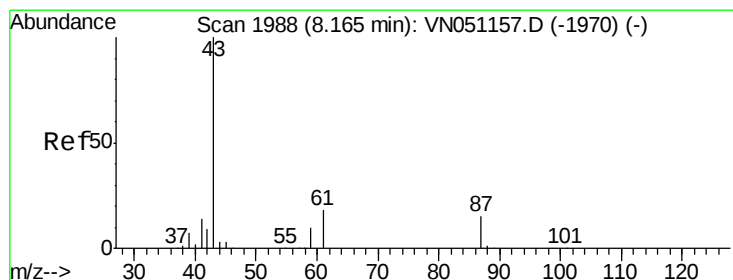
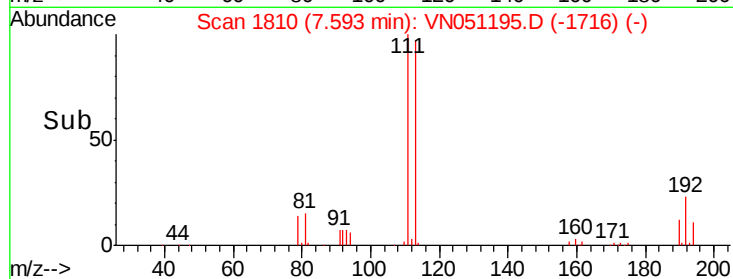
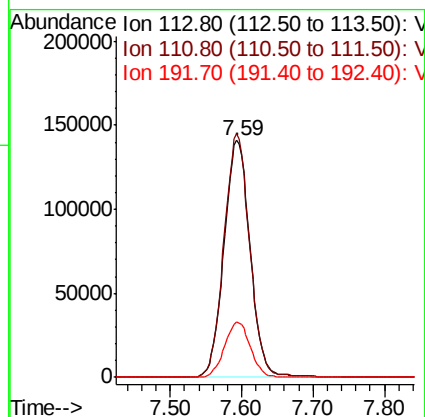
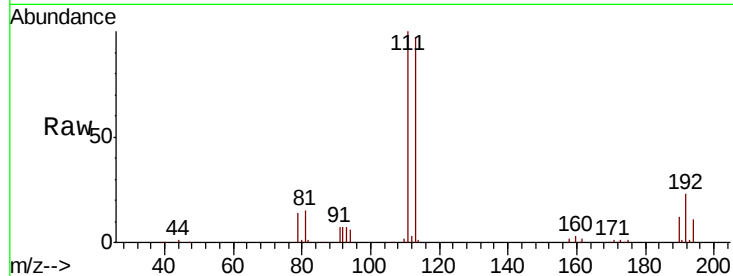




#35
 Dibromofluoromethane
 Concen: 50.22 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051195.D
 Acq: 14 Sep 2018 17:14

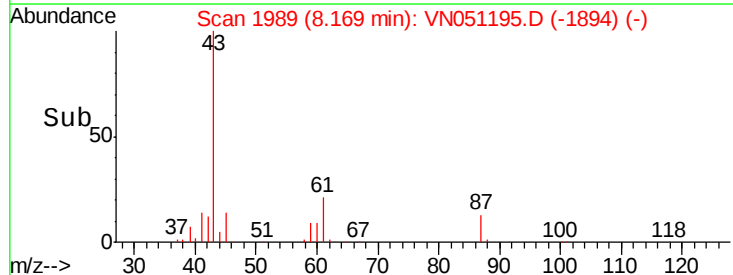
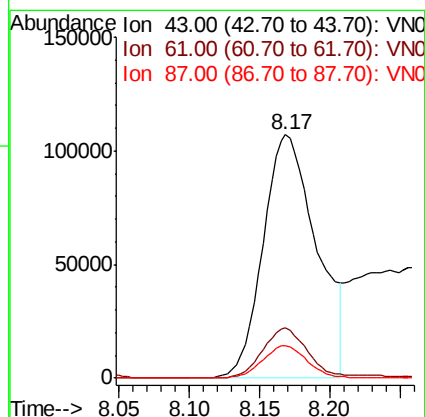
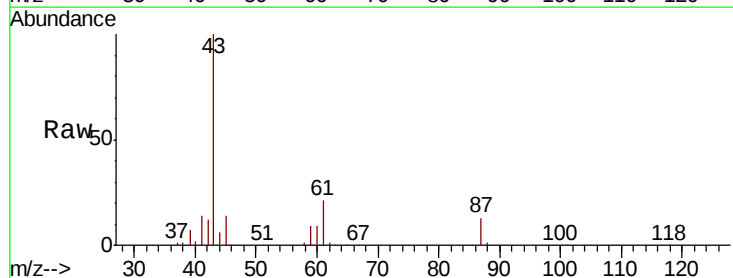
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829ZHE#05

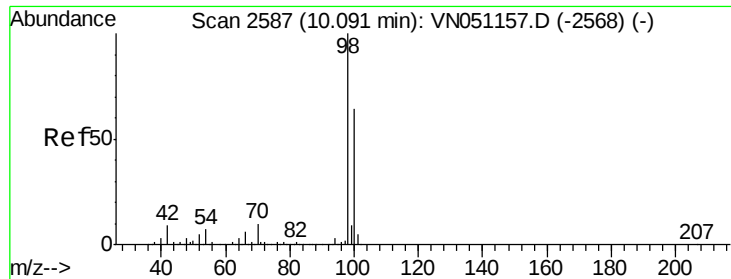
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.0	124.6
192	23.1	18.7	28.1



#43
 Isopropyl Acetate
 Concen: 26.56 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN051195.D
 Acq: 14 Sep 2018 17:14

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.4	25.0	37.6#
87	11.2	11.8	17.8#





#50

Toluene-d8

Concen: 46.62 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051195.D

Acq: 14 Sep 2018 17:14

Instrument :

MSVOA_N

ClientSampleId :

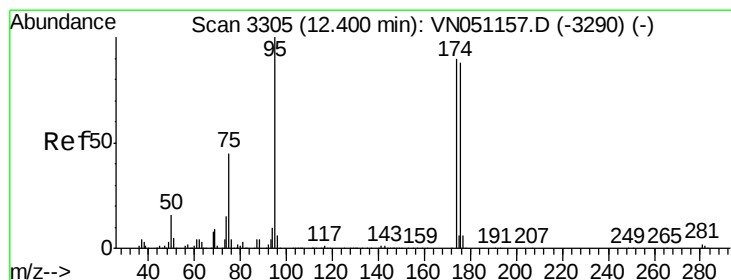
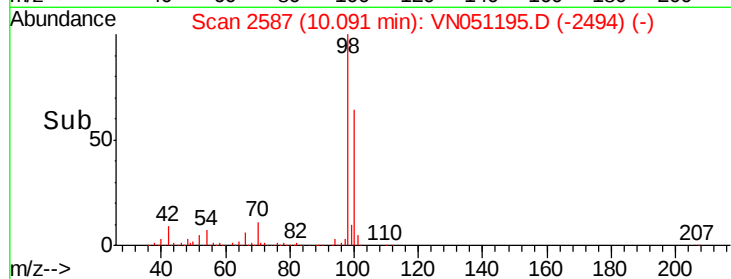
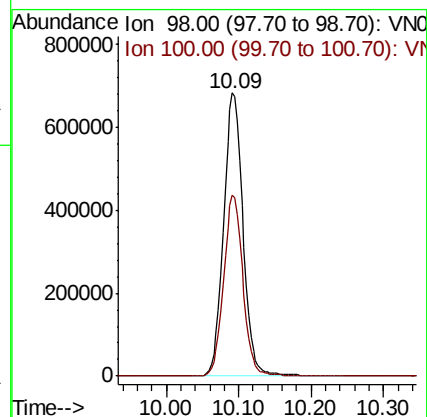
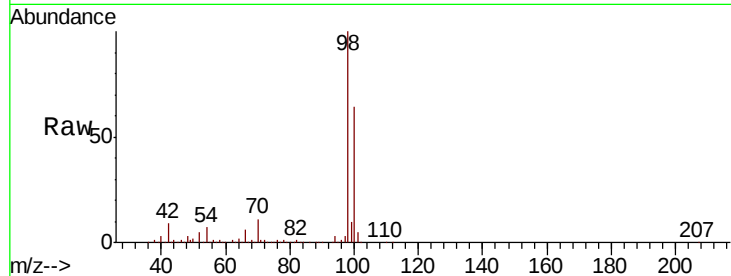
PB112829ZHE#05

Tot Ion: 98 Resp: 1266434

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 36.40 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051195.D

Acq: 14 Sep 2018 17:14

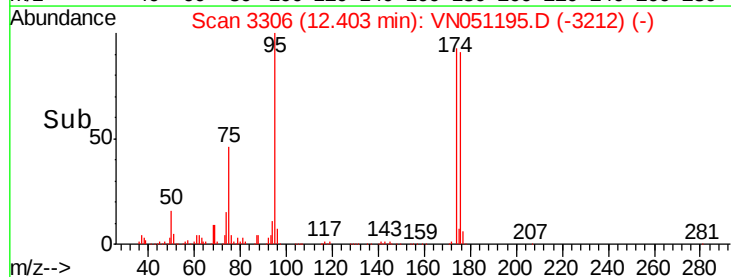
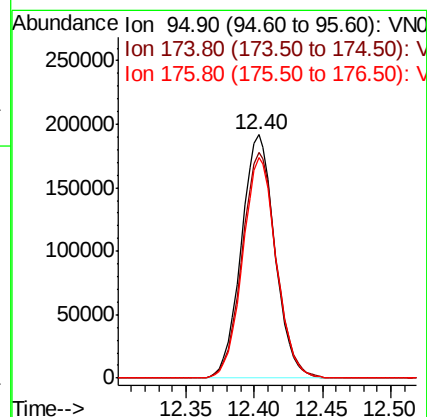
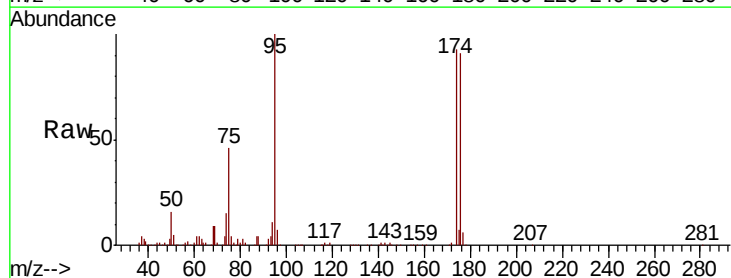
Tgt Ion: 95 Resp: 327093

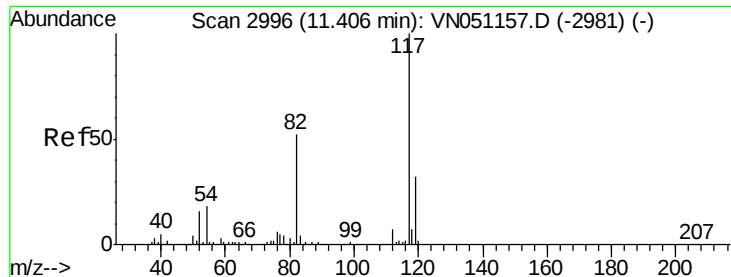
Ion Ratio Lower Upper

95 100

174 94.3 0.0 184.8

176 90.6 0.0 178.6

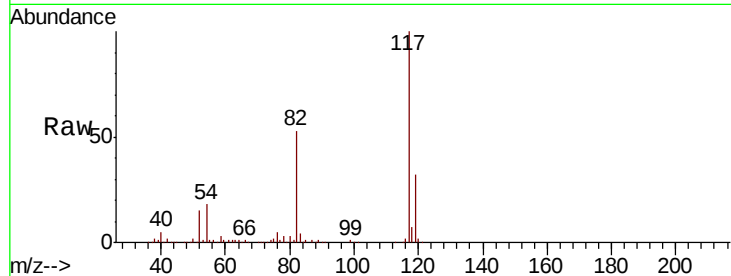




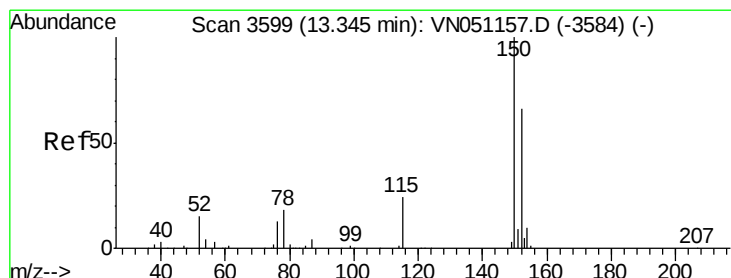
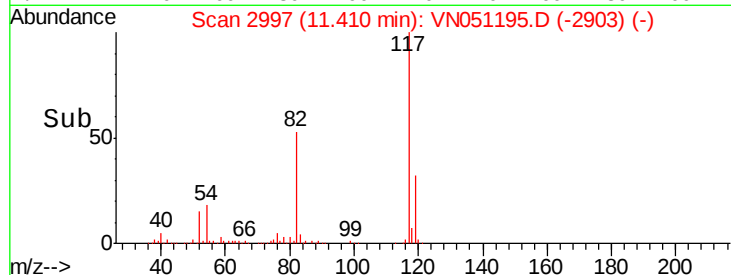
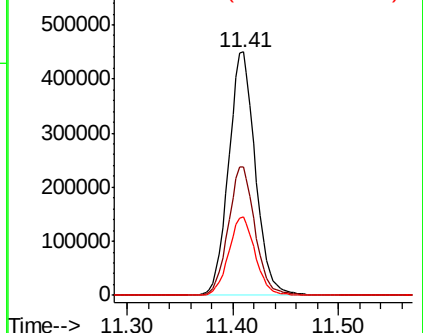
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051195.D
Acq: 14 Sep 2018 17:14

Instrument :
MSVOA_N
ClientSampleId :
PB112829ZHE#05

Tot Ion:117 Resp: 785580
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.6
119 32.2 26.2 39.2

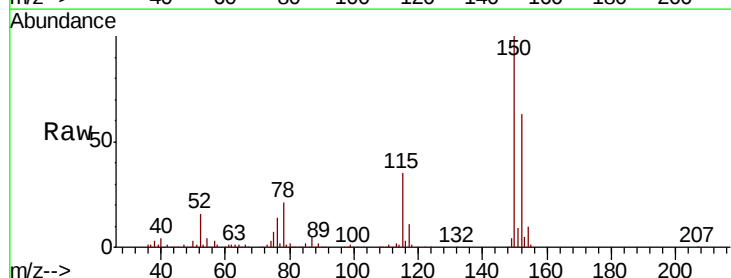


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051195.D
Acq: 14 Sep 2018 17:14

Tgt Ion:152 Resp: 243255
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 157.7 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

