

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051233.D
 Acq On : 15 Sep 2018 19:36
 Operator : MD\SY
 Sample : PB112879ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#14

Quant Time: Sep 17 04:08:09 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	416229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	665247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	535167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	154913	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	229849	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	
35) Dibromofluoromethane	7.59	113	247572	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
50) Toluene-d8	10.09	98	844793	44.54	ug/l	0.00
Spiked Amount			Recovery	=	89.08%	
62) 4-Bromofluorobenzene	12.40	95	213095	33.96	ug/l	0.00
Spiked Amount			Recovery	=	67.92%	

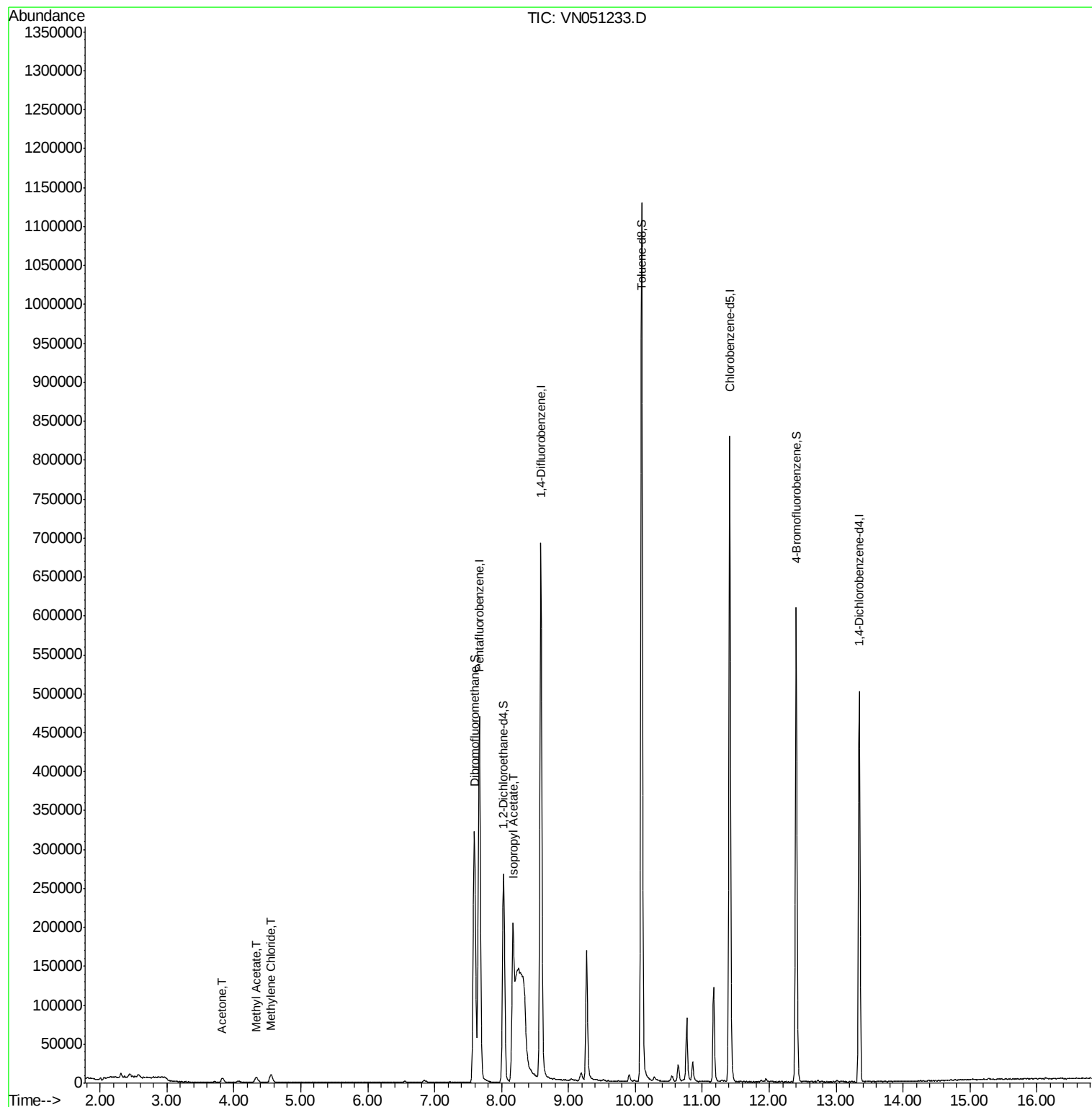
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	9416	2.44	ug/l	93
18) Methyl Acetate	4.34	43	13577	3.66	ug/l	96
20) Methylene Chloride	4.55	84	7791	1.52	ug/l	91
43) Isopropyl Acetate	8.17	43	246289	33.00	ug/l #	80

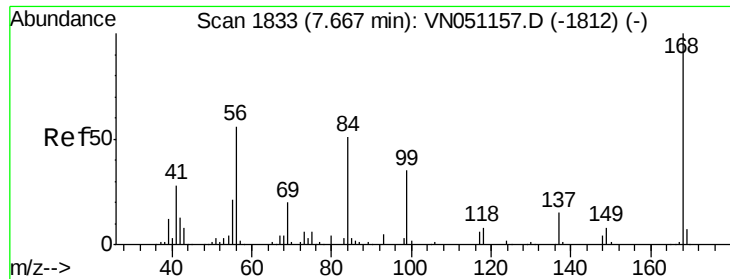
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051233.D

Acq: 15 Sep 2018 19:36

Instrument :

MSVOA_N

ClientSampleId :

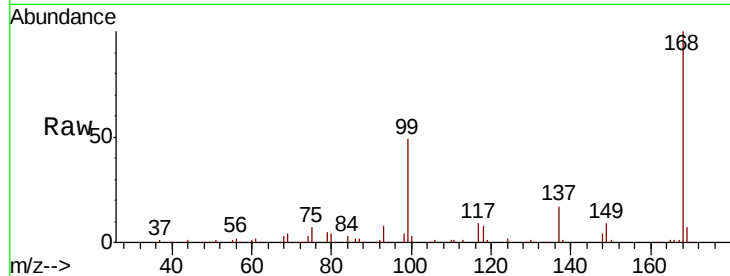
PB112879ZHE#14

Tot Ion:168 Resp: 416229

Ion Ratio Lower Upper

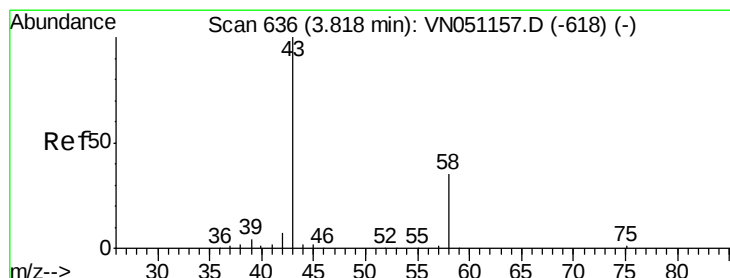
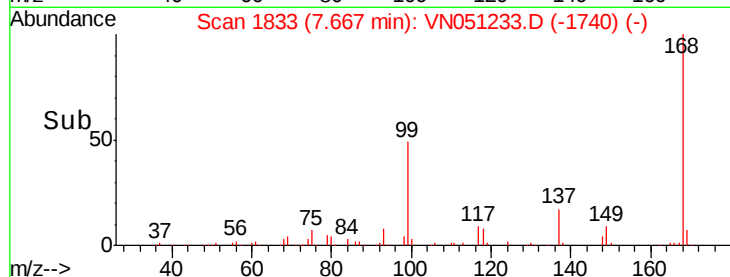
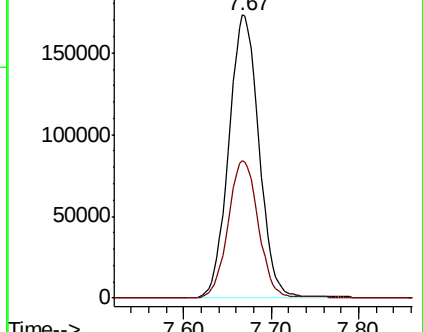
168 100

99 48.8 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) (-)



#16

Acetone

Concen: 2.44 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051233.D

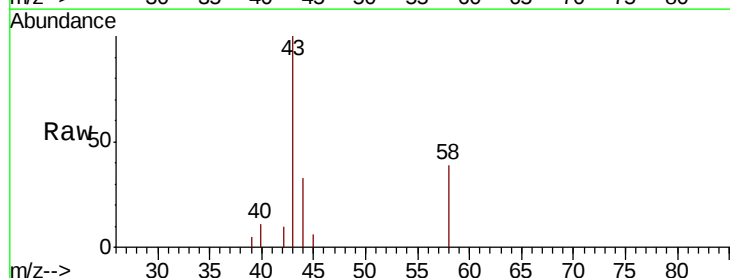
Acq: 15 Sep 2018 19:36

Tgt Ion: 43 Resp: 9416

Ion Ratio Lower Upper

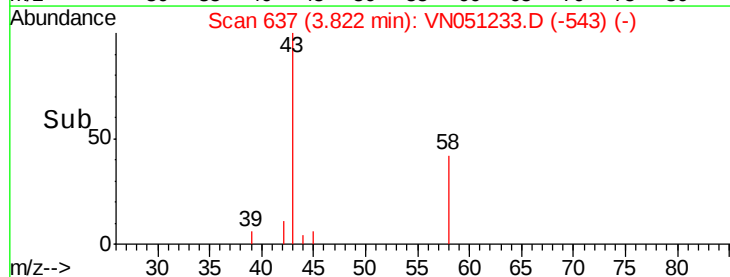
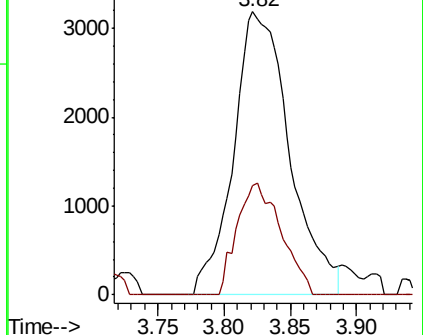
43 100

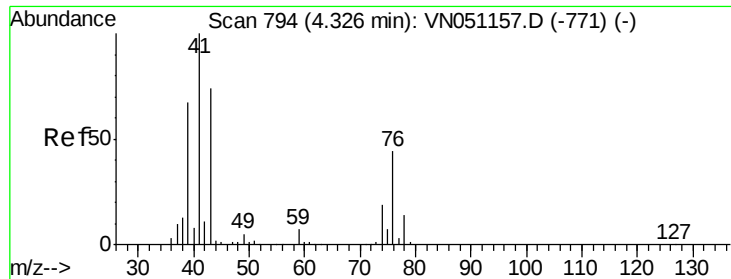
58 38.7 27.8 41.6



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

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

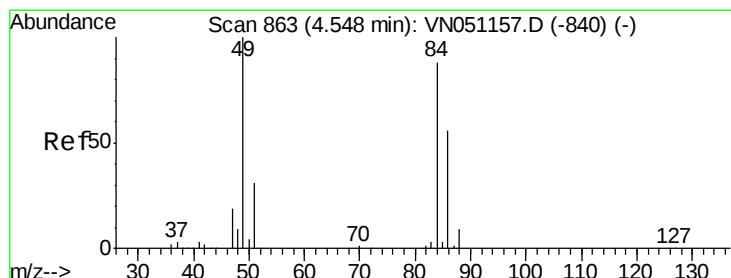
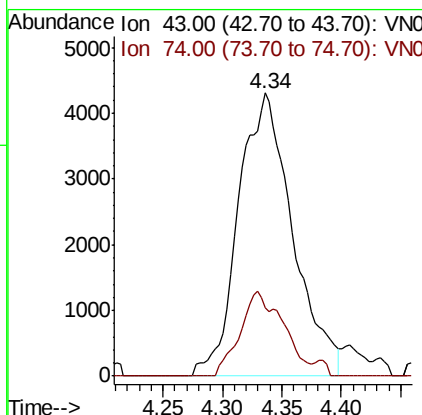
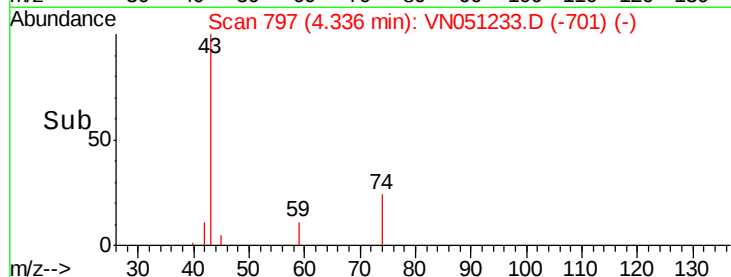
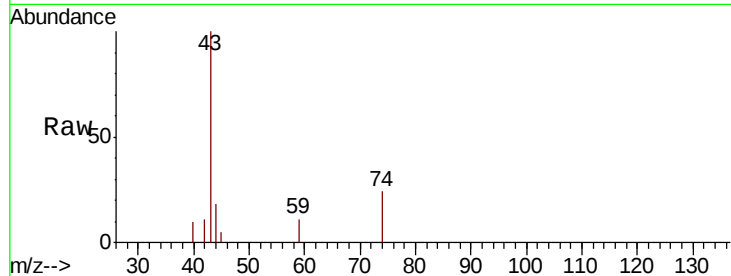




#18
Methyl Acetate
Concen: 3.66 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051233.D
Acq: 15 Sep 2018 19:36

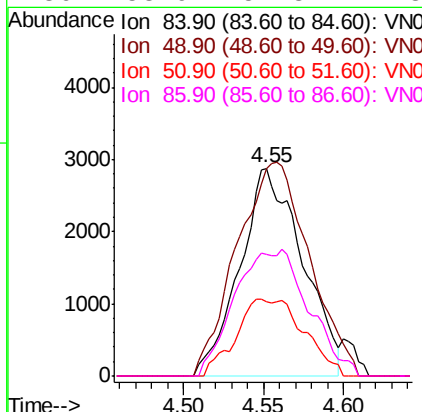
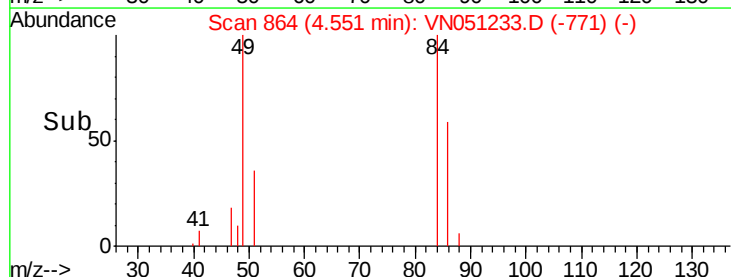
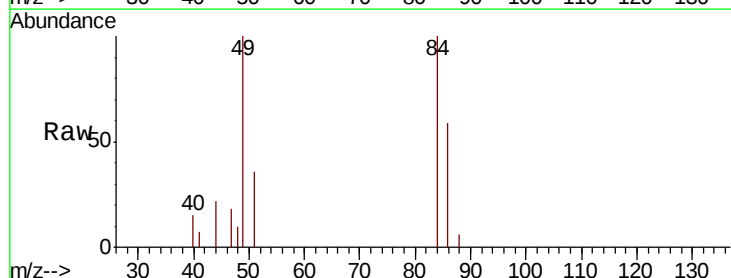
Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#14

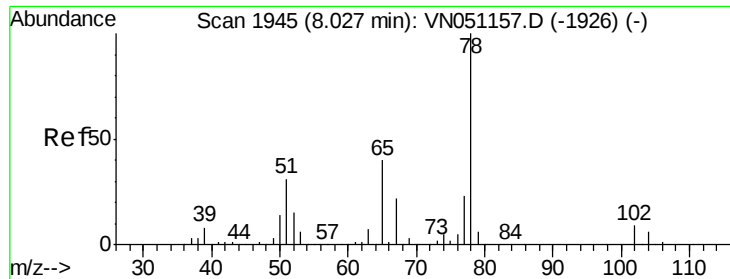
Tot Ion: 43 Resp: 13577
Ion Ratio Lower Upper
43 100
74 24.0 20.7 31.1



#20
Methylene Chloride
Concen: 1.52 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051233.D
Acq: 15 Sep 2018 19:36

Tgt Ion: 84 Resp: 7791
Ion Ratio Lower Upper
84 100
49 99.7 90.2 135.2
51 35.6 28.4 42.6
86 58.9 51.8 77.8

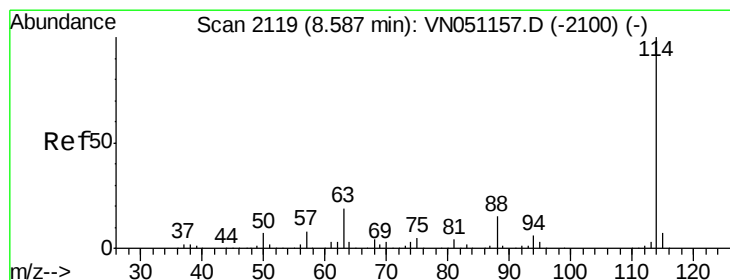
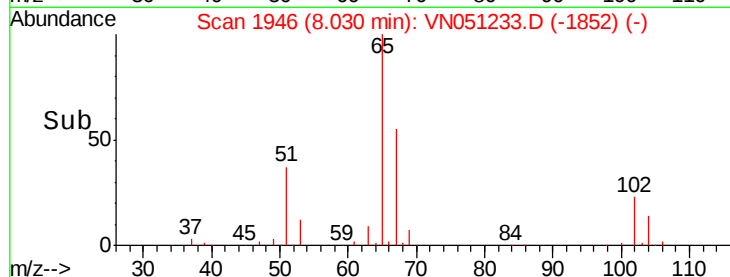
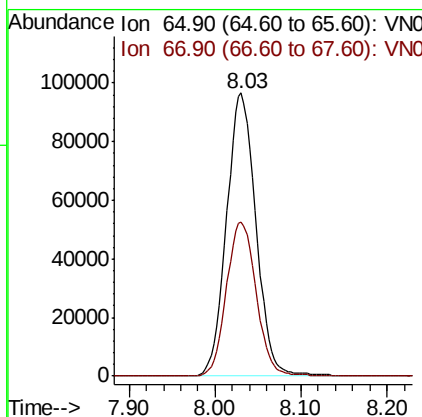
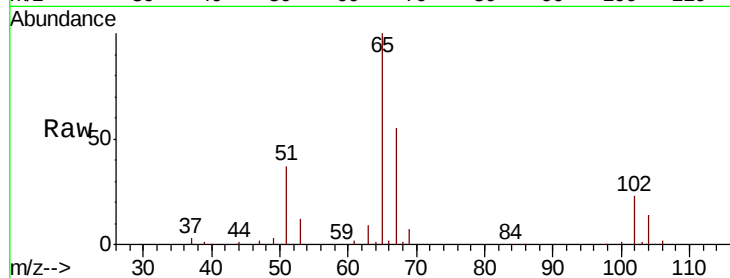




#33
 1,2-Dichloroethane-d4
 Concen: 49.62 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051233.D
 Acq: 15 Sep 2018 19:36

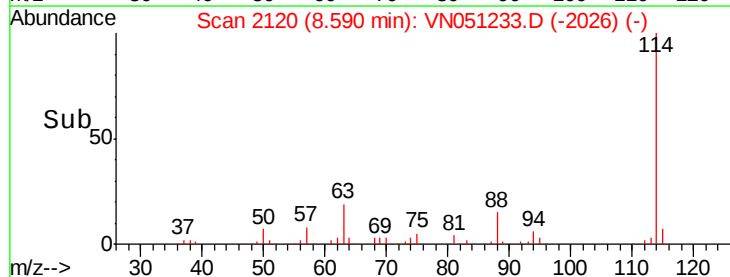
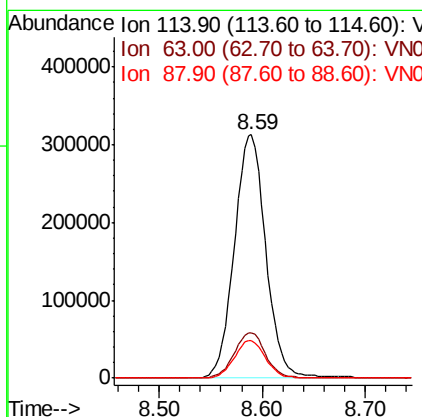
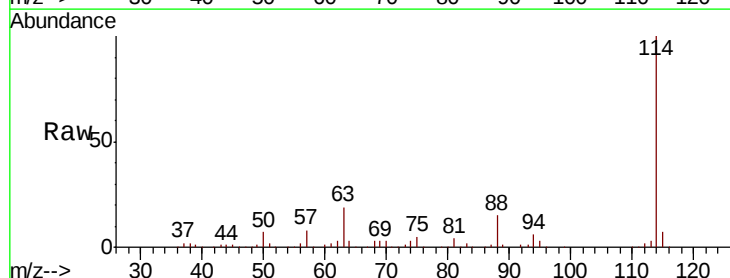
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#14

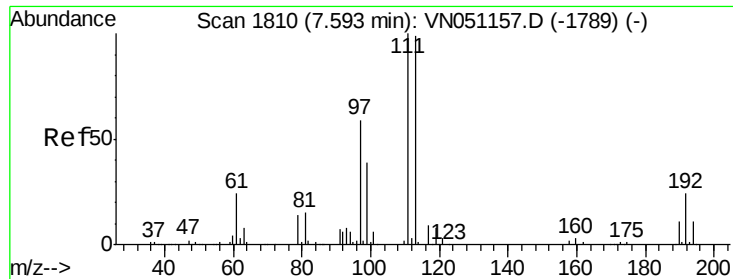
Tot Ion: 65 Resp: 229849
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051233.D
 Acq: 15 Sep 2018 19:36

Tgt Ion: 114 Resp: 665247
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.8
 88 15.3 0.0 30.8

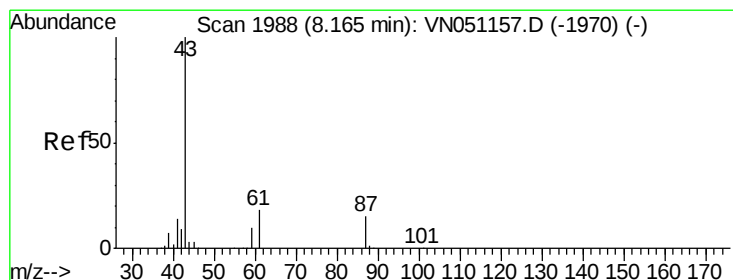
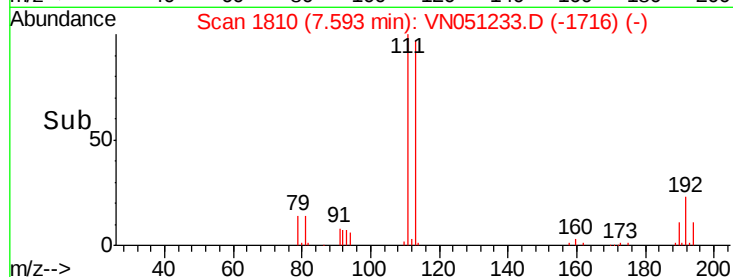
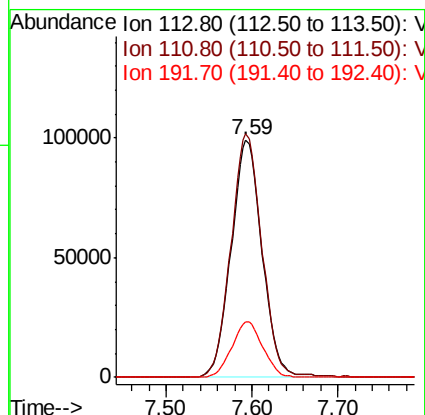
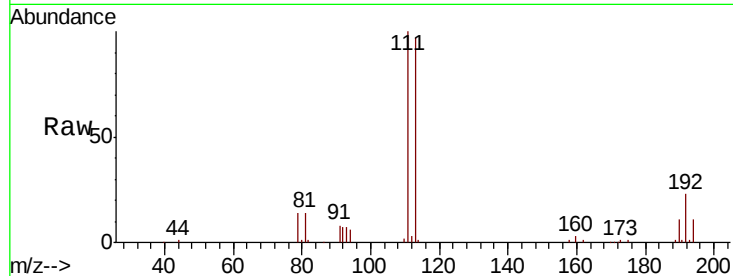




#35
 Dibromofluoromethane
 Concen: 49.53 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051233.D
 Acq: 15 Sep 2018 19:36

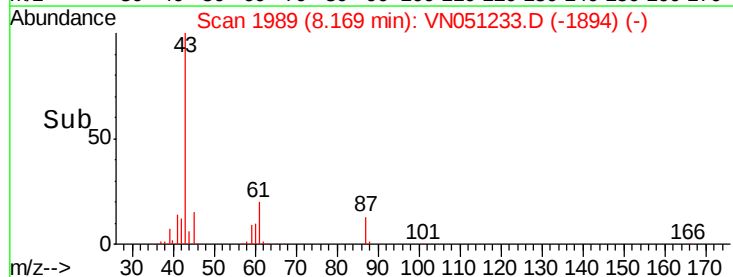
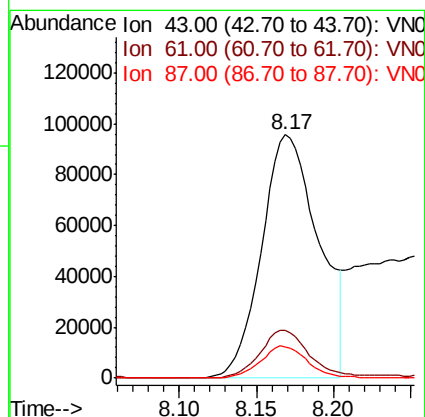
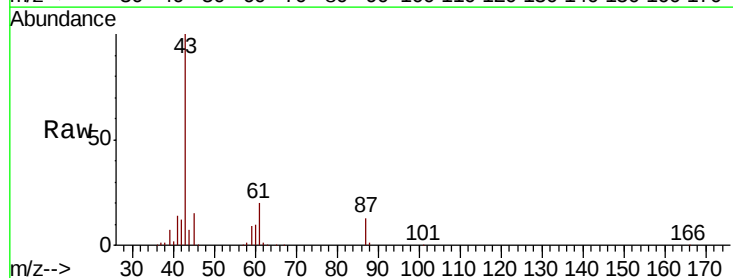
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#14

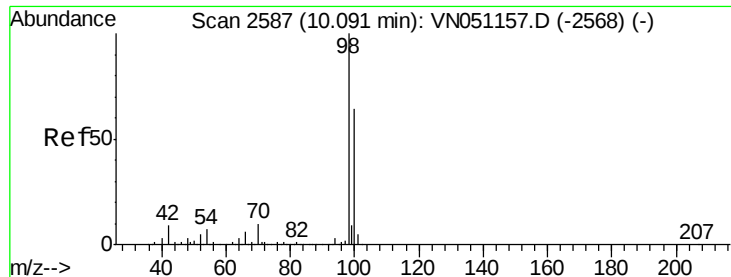
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.0	124.6
192	23.5	18.7	28.1



#43
 Isopropyl Acetate
 Concen: 33.00 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN051233.D
 Acq: 15 Sep 2018 19:36

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.4	25.0	37.6#
87	10.9	11.8	17.8#





#50

Toluene-d8

Concen: 44.54 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051233.D

Acq: 15 Sep 2018 19:36

Instrument :

MSVOA_N

ClientSampleId :

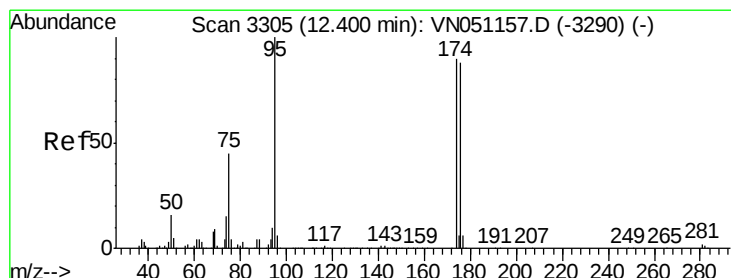
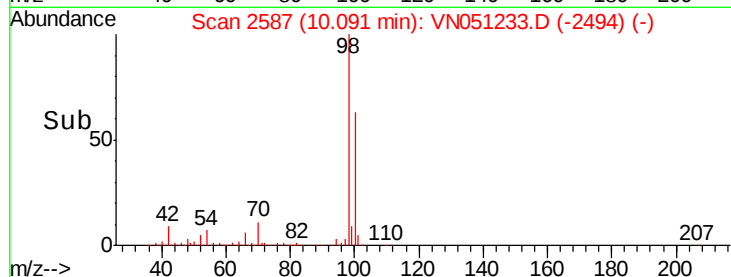
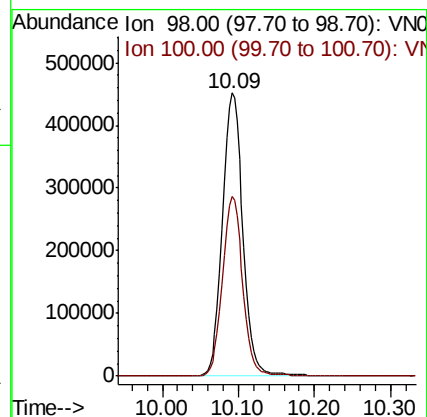
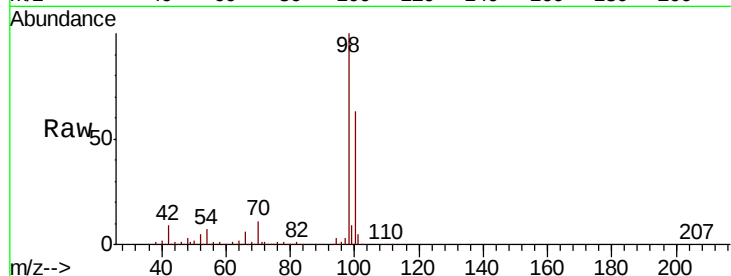
PB112879ZHE#14

Tot Ion: 98 Resp: 844793

Ion Ratio Lower Upper

98 100

100 62.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 33.96 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051233.D

Acq: 15 Sep 2018 19:36

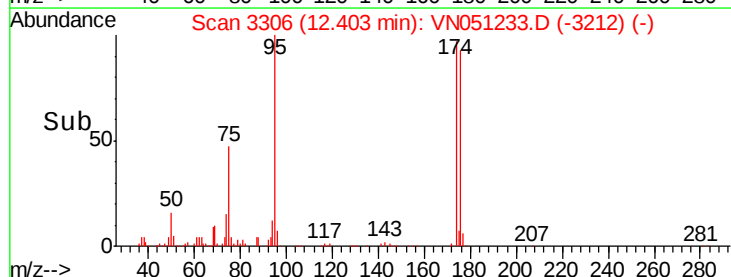
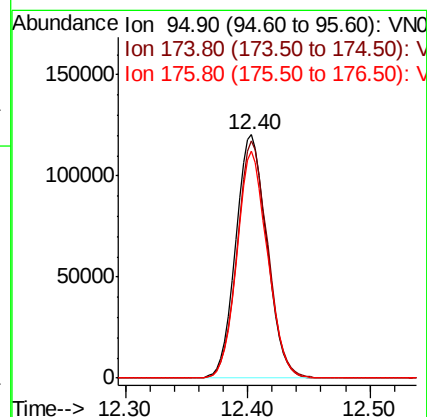
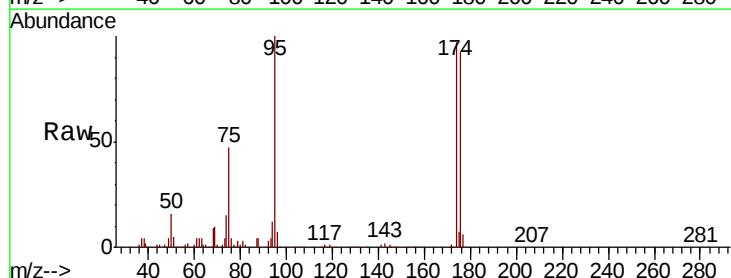
Tgt Ion: 95 Resp: 213095

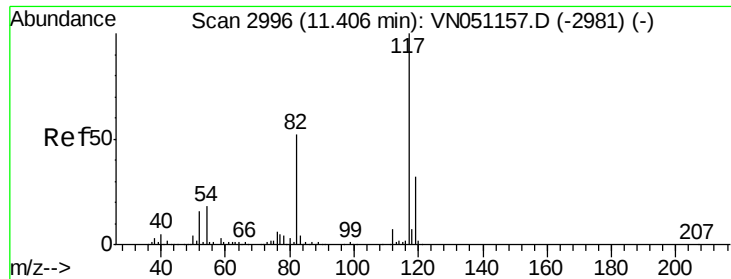
Ion Ratio Lower Upper

95 100

174 95.9 0.0 184.8

176 91.2 0.0 178.6

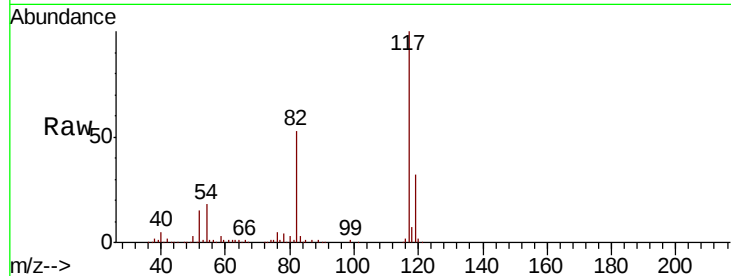




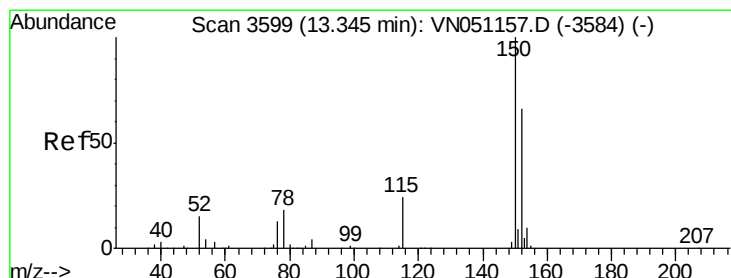
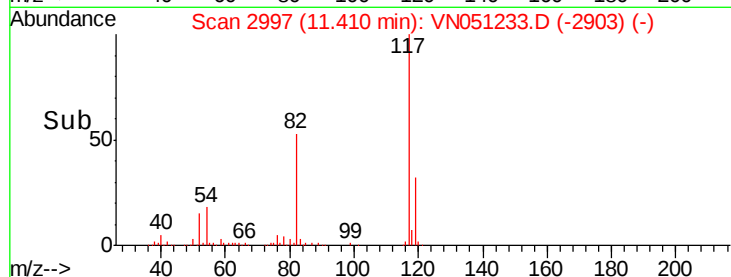
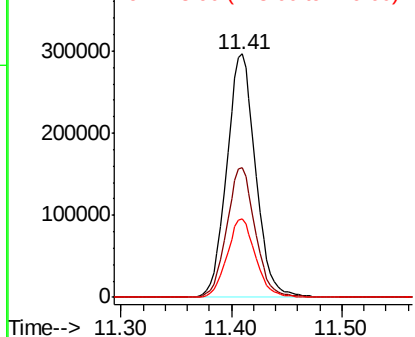
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051233.D
Acq: 15 Sep 2018 19:36

Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#14

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.8	62.6
119	32.3	26.2	39.2

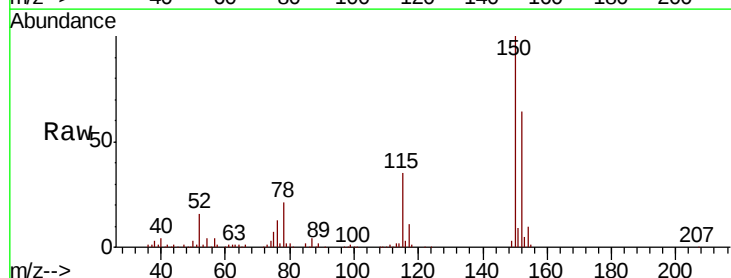


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051233.D
Acq: 15 Sep 2018 19:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	28.2	84.7
150	156.3	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

