

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051223.D
 Acq On : 15 Sep 2018 15:30
 Operator : MD\SY
 Sample : PB112879ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#04

Quant Time: Sep 17 03:26:09 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	442737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	690568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	550963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	162557	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	238024	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
35) Dibromofluoromethane	7.59	113	252206	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
50) Toluene-d8	10.09	98	878492	44.61	ug/l	0.00
Spiked Amount			Recovery	=	89.22%	
62) 4-Bromofluorobenzene	12.40	95	225929	34.69	ug/l	0.00
Spiked Amount			Recovery	=	69.38%	

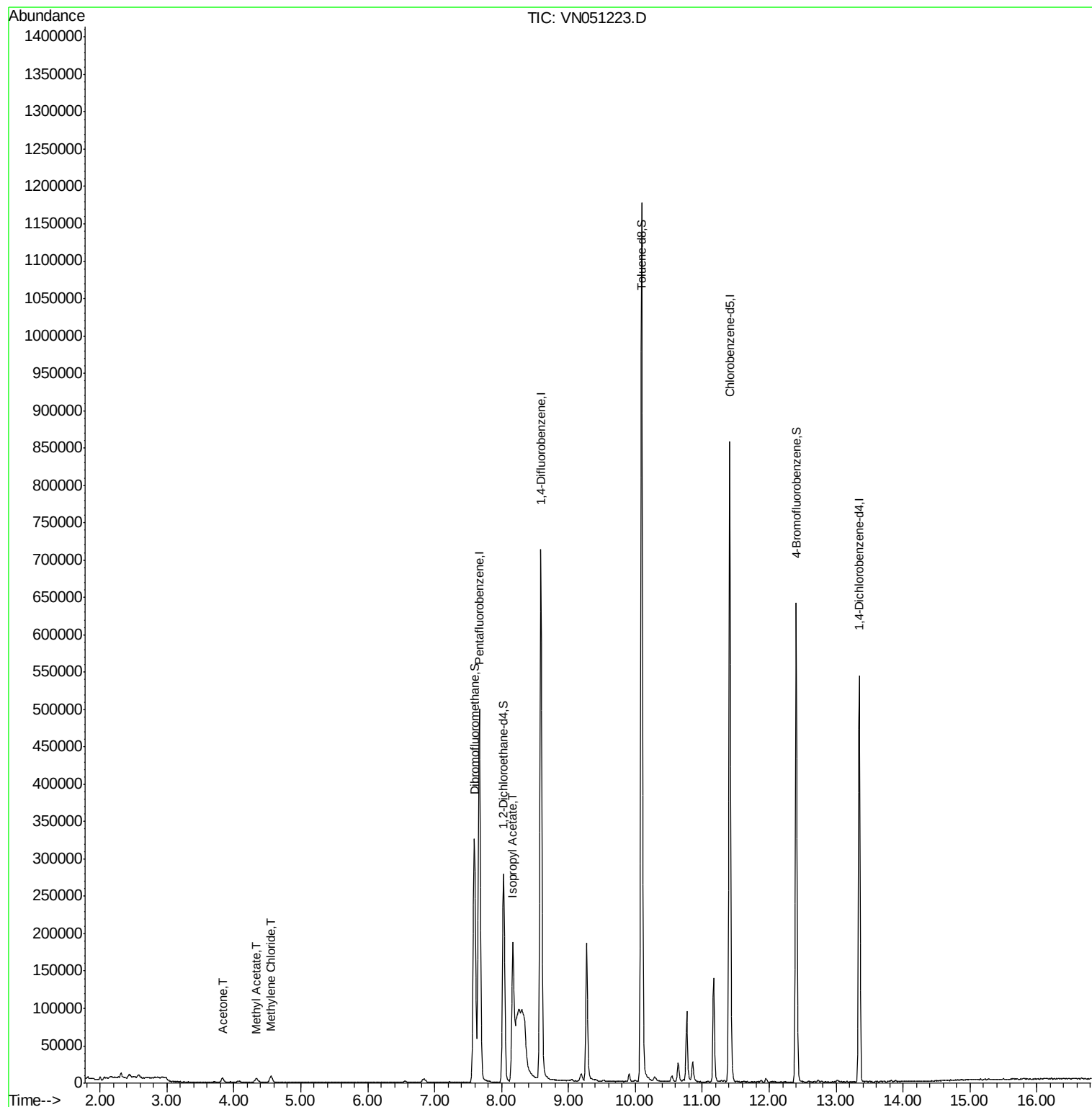
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	9080	1.65	ug/l	98
18) Methyl Acetate	4.33	43	10435	2.64	ug/l	91
20) Methylene Chloride	4.55	84	6543	1.20	ug/l	90
43) Isopropyl Acetate	8.17	43	229355	29.60	ug/l #	84

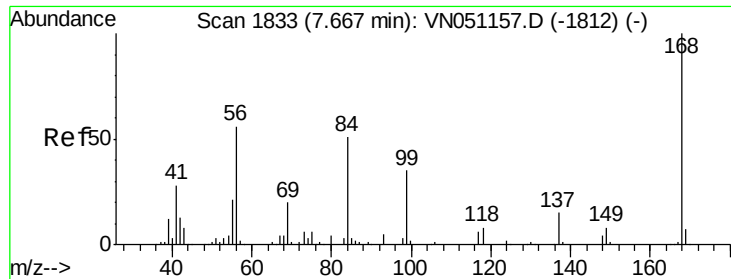
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051223.D

Acq: 15 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

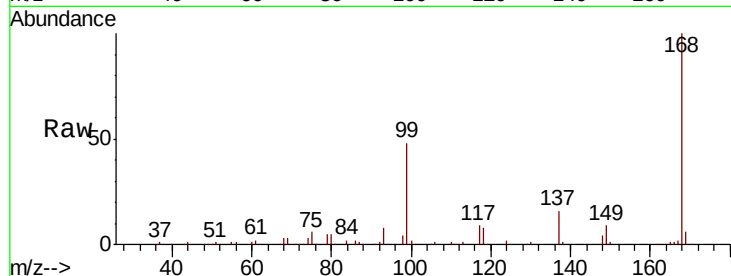
PB112879ZHE#04

Tot Ion:168 Resp: 442737

Ion Ratio Lower Upper

168 100

99 47.5 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

200000

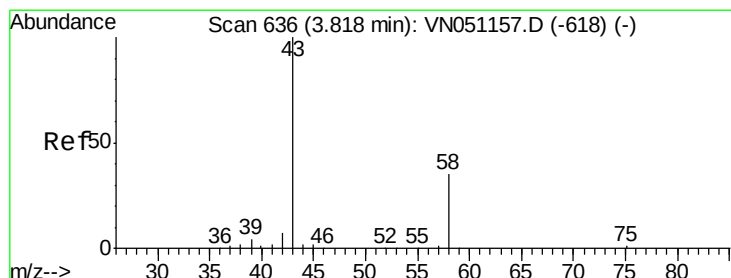
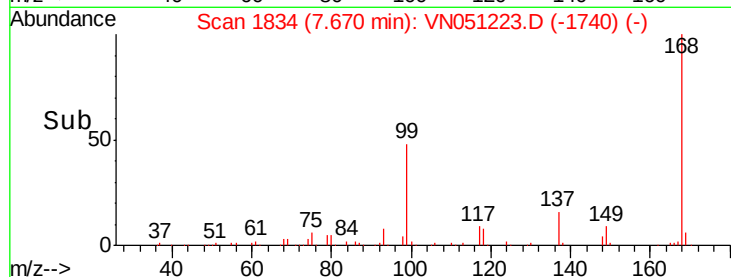
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.65 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN051223.D

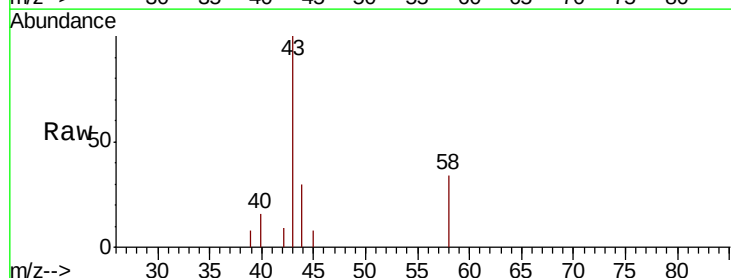
Acq: 15 Sep 2018 15:30

Tgt Ion: 43 Resp: 9080

Ion Ratio Lower Upper

43 100

58 33.5 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) (-)

3.83

4000

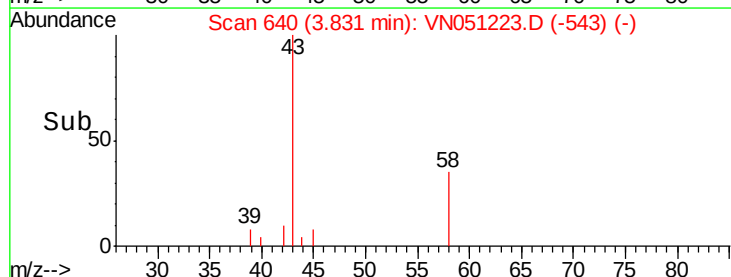
3000

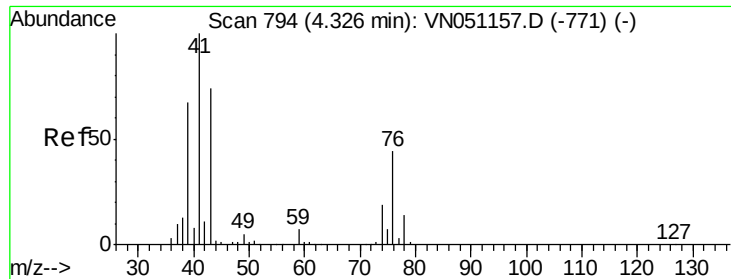
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1000

0

Time-->

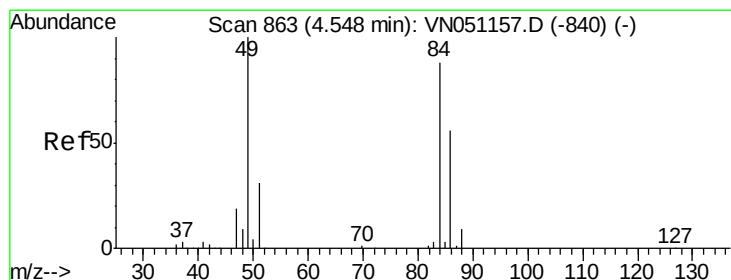
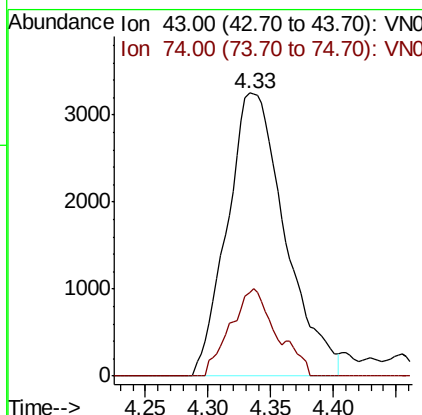
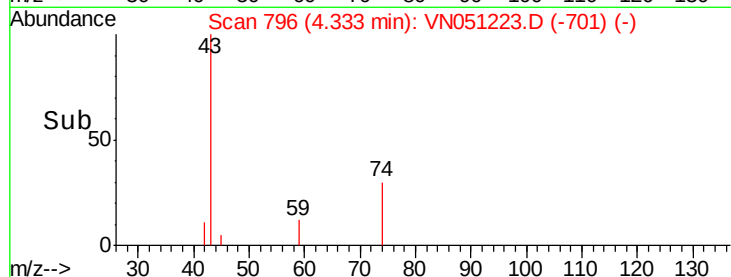
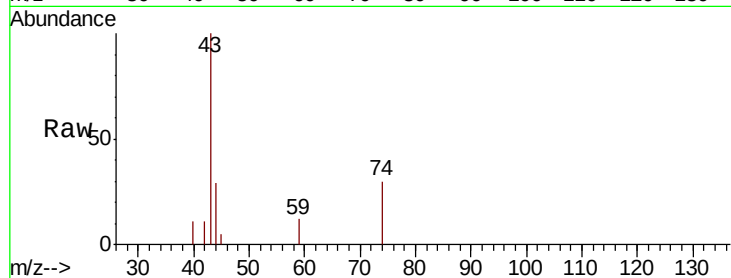




#18
Methyl Acetate
Concen: 2.64 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051223.D
Acq: 15 Sep 2018 15:30

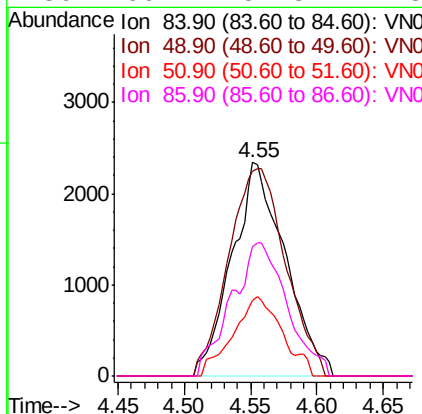
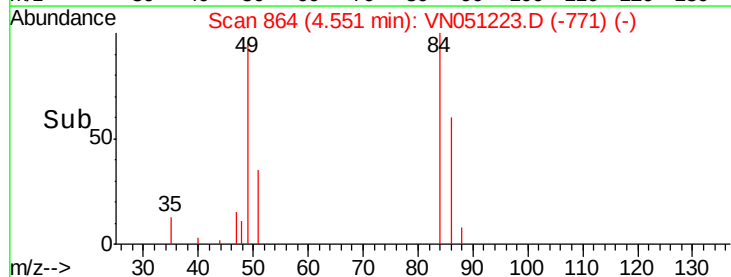
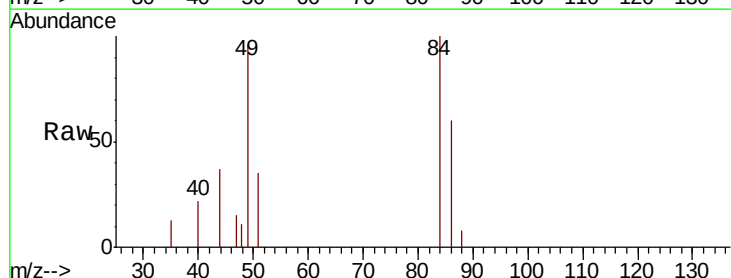
Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#04

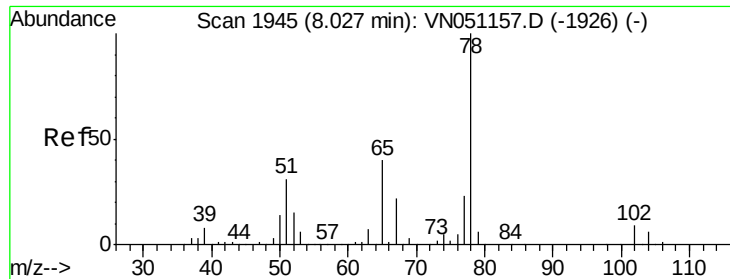
Tot Ion: 43 Resp: 10435
Ion Ratio Lower Upper
43 100
74 21.3 20.7 31.1



#20
Methylene Chloride
Concen: 1.20 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN051223.D
Acq: 15 Sep 2018 15:30

Tgt Ion: 84 Resp: 6543
Ion Ratio Lower Upper
84 100
49 95.8 90.2 135.2
51 35.2 28.4 42.6
86 60.4 51.8 77.8

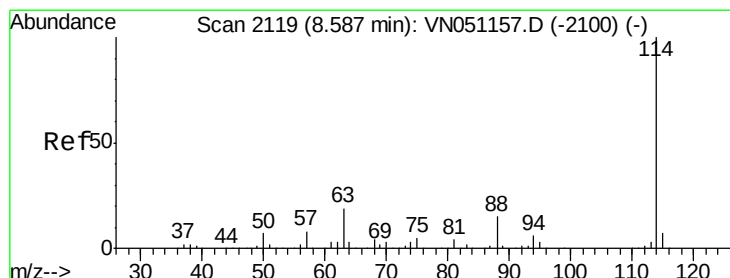
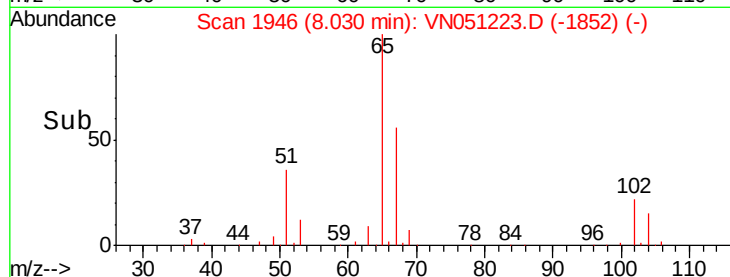
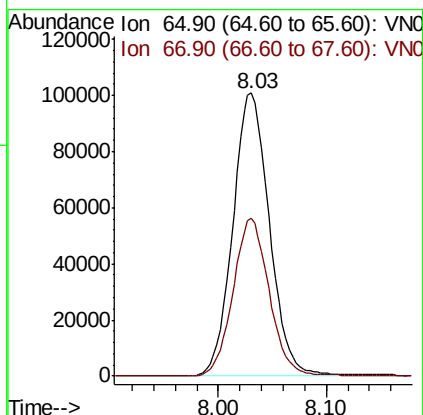
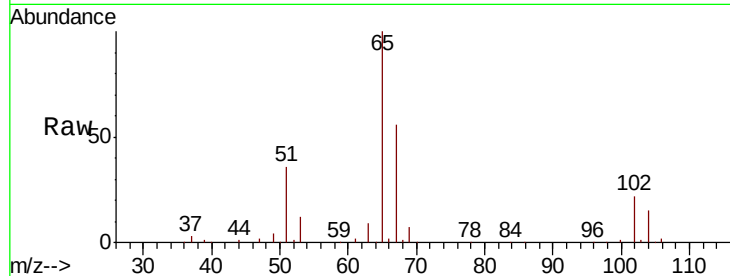




#33
 1,2-Dichloroethane-d4
 Concen: 48.31 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051223.D
 Acq: 15 Sep 2018 15:30

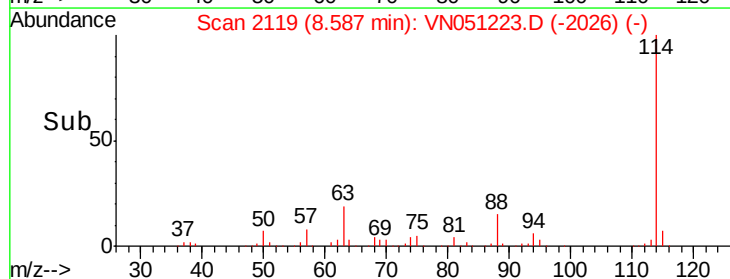
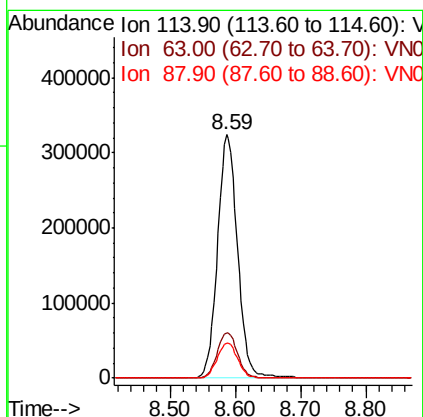
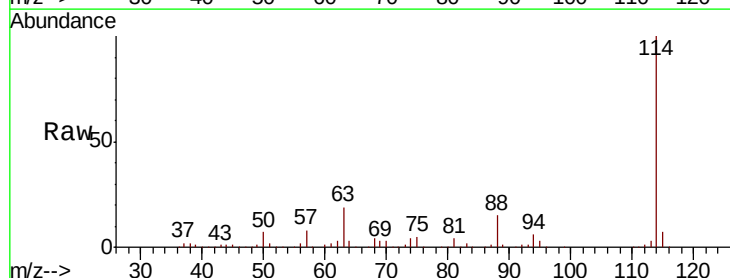
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#04

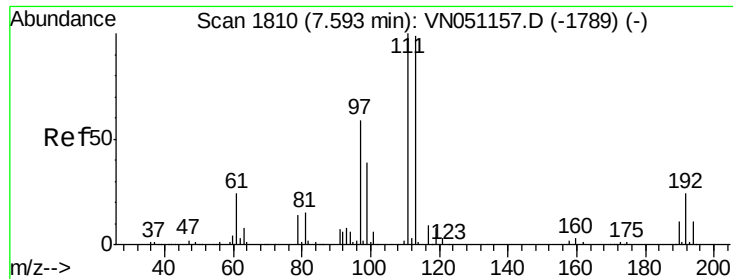
Tot Ion: 65 Resp: 238024
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051223.D
 Acq: 15 Sep 2018 15:30

Tgt Ion: 114 Resp: 690568
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.8
 88 14.6 0.0 30.8

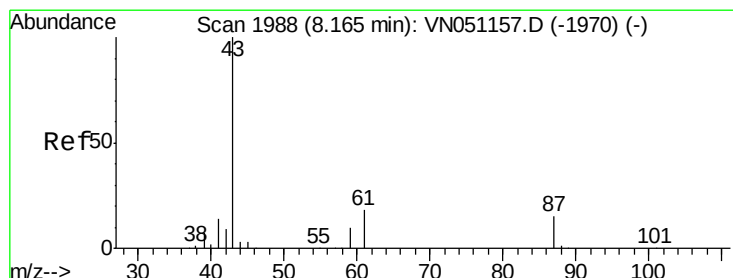
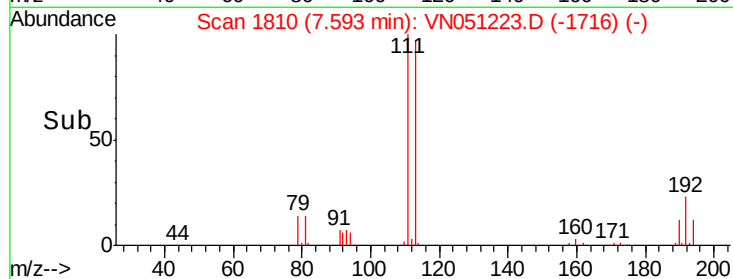
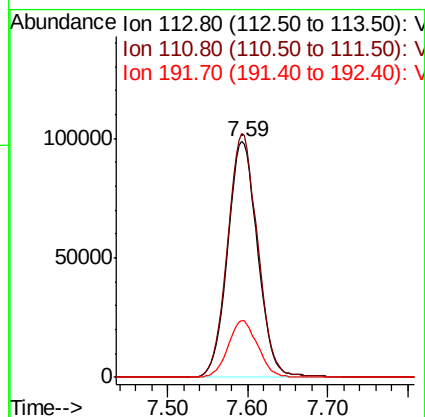
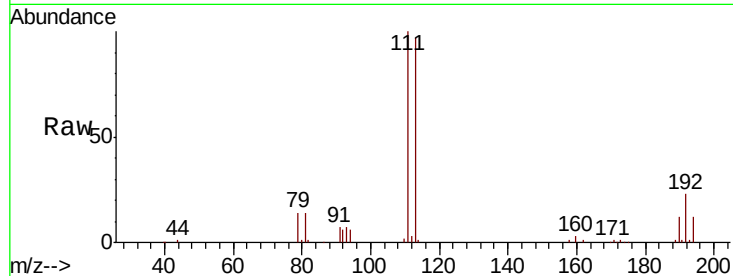




#35
 Dibromofluoromethane
 Concen: 48.60 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051223.D
 Acq: 15 Sep 2018 15:30

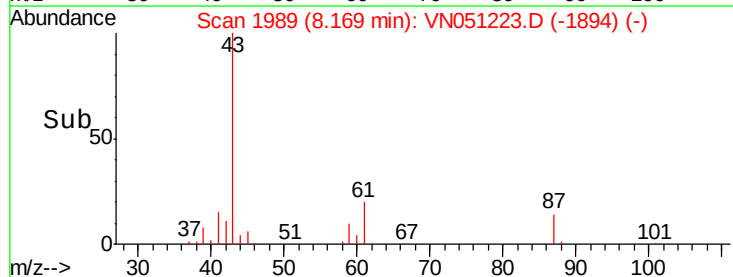
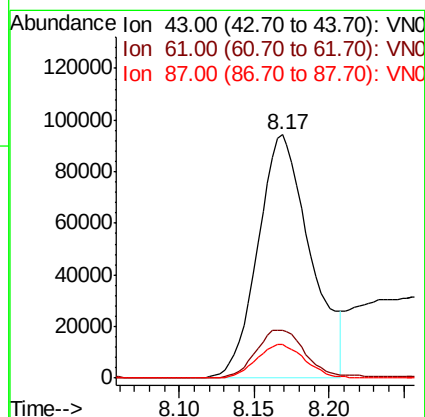
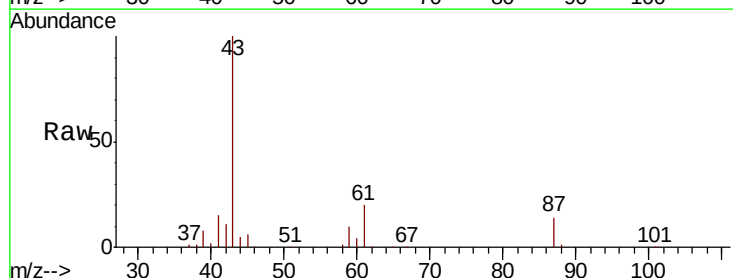
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#04

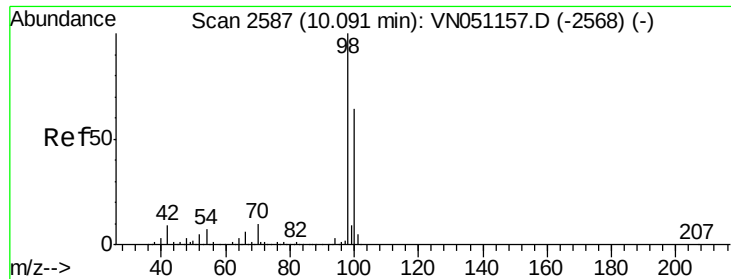
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.0	124.6
192	23.8	18.7	28.1



#43
 Isopropyl Acetate
 Concen: 29.60 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN051223.D
 Acq: 15 Sep 2018 15:30

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.3	25.0	37.6#
87	12.9	11.8	17.8





#50

Toluene-d8

Concen: 44.61 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051223.D

Acq: 15 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

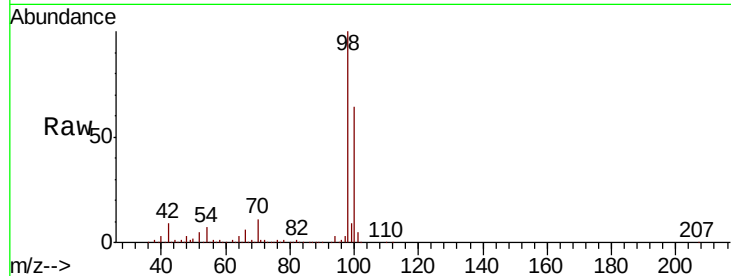
PB112879ZHE#04

Tot Ion: 98 Resp: 878492

Ion Ratio Lower Upper

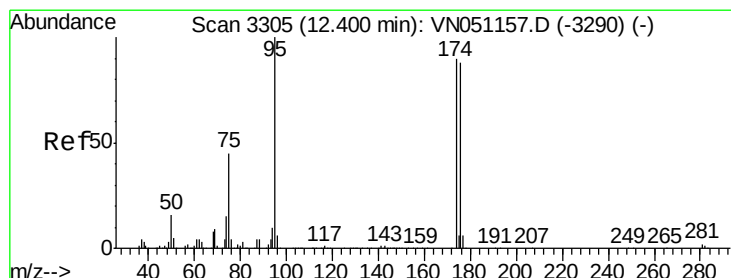
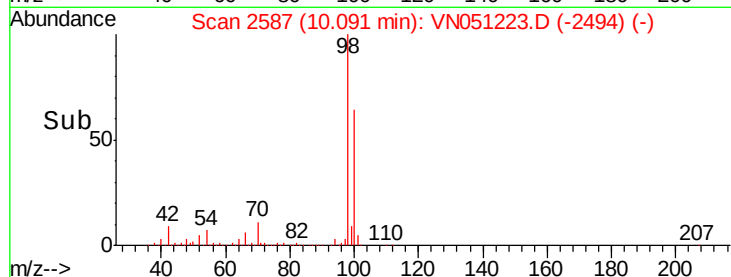
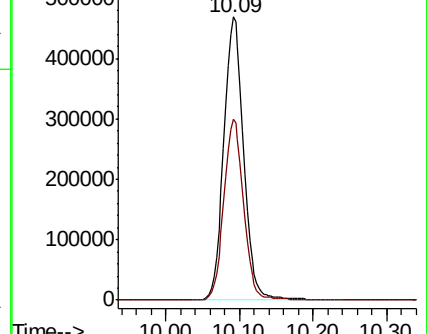
98 100

100 63.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 34.69 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051223.D

Acq: 15 Sep 2018 15:30

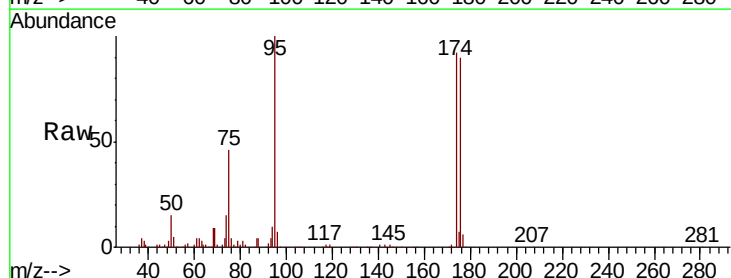
Tgt Ion: 95 Resp: 225929

Ion Ratio Lower Upper

95 100

174 93.2 0.0 184.8

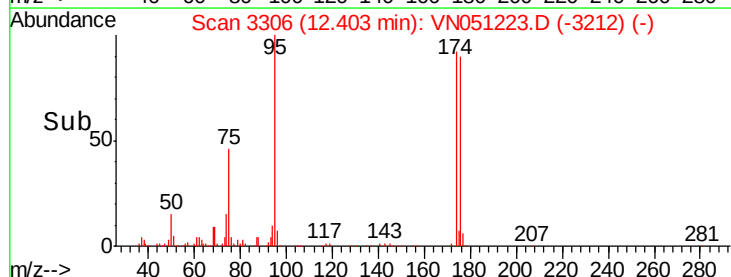
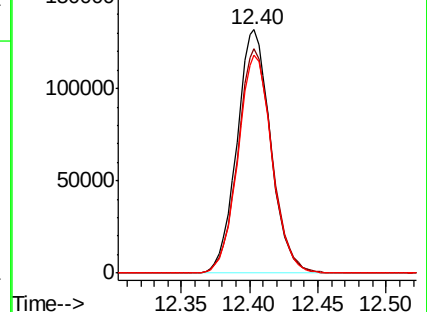
176 90.5 0.0 178.6

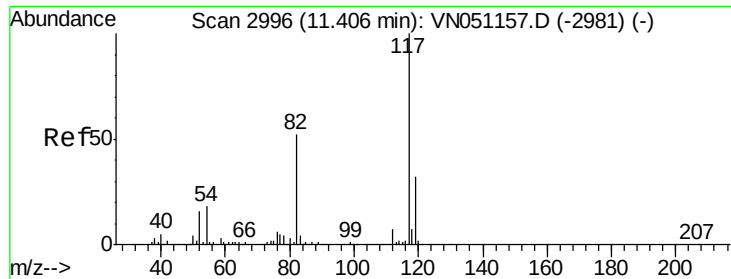


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

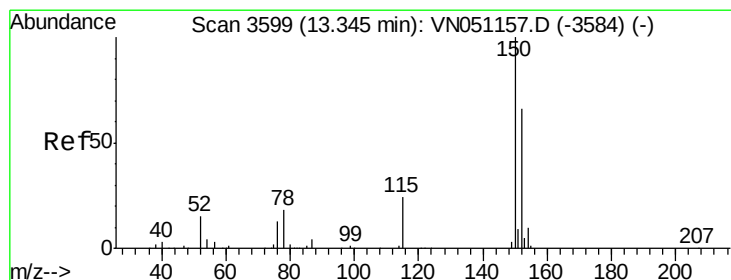
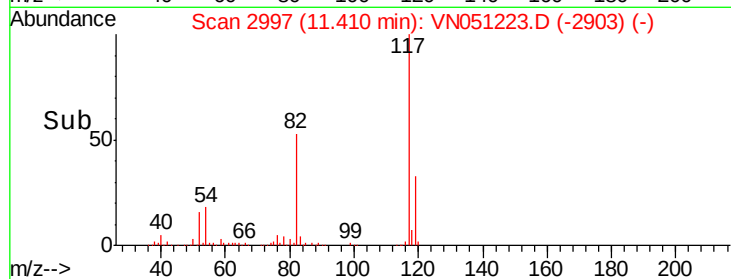
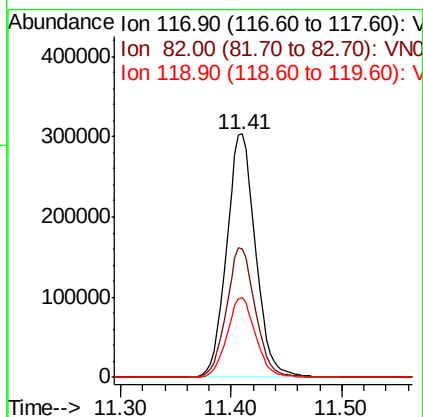
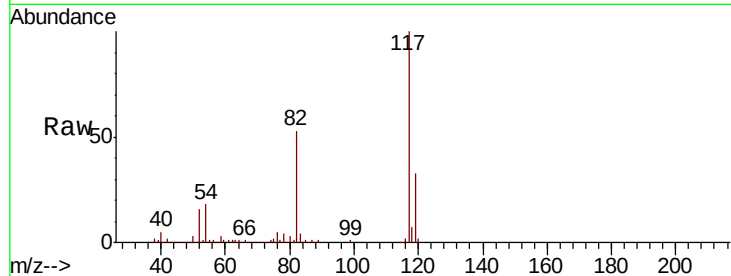




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051223.D
Acq: 15 Sep 2018 15:30

Instrument :
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PB112879ZHE#04

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	41.8	62.6
119	32.6	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: VN051223.D
Acq: 15 Sep 2018 15:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.2	84.7
150	154.5	0.0	349.0

