

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051204.D
 Acq On : 14 Sep 2018 21:44
 Operator : MD\SY
 Sample : PB112829ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829ZHE#09

Quant Time: Sep 15 01:27:06 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	526600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	845463	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	691884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	197804	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	325020	55.46	ug/l	0.00
Spiked Amount						
			Recovery	=	110.92%	
35) Dibromofluoromethane	7.59	113	324129	51.02	ug/l	0.00
Spiked Amount						
			Recovery	=	102.04%	
50) Toluene-d8	10.09	98	1132333	46.97	ug/l	0.00
Spiked Amount						
			Recovery	=	93.94%	
62) 4-Bromofluorobenzene	12.40	95	278147	34.88	ug/l	0.00
Spiked Amount						
			Recovery	=	69.76%	

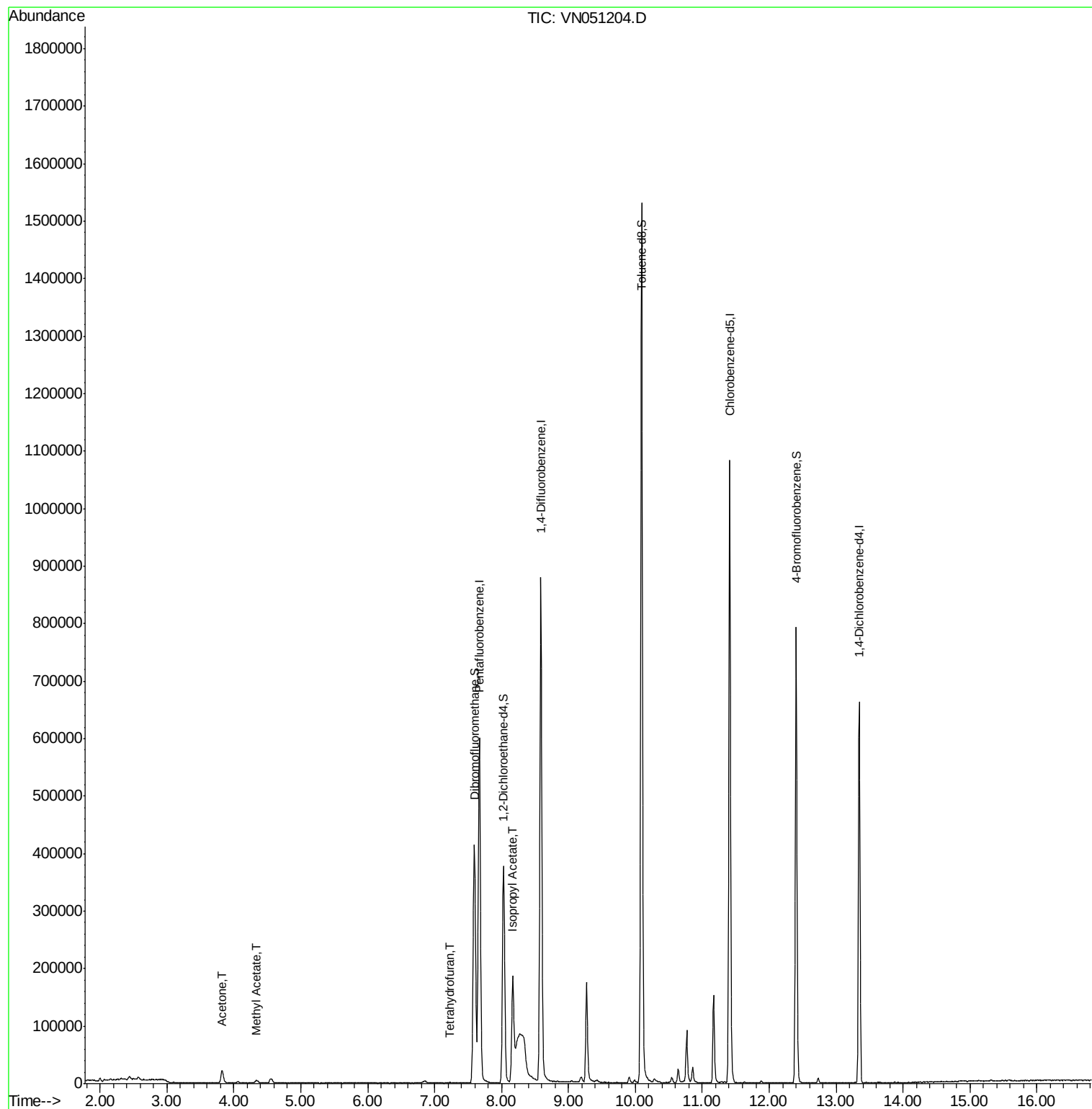
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	36931	20.12	ug/l	96
18) Methyl Acetate	4.34	43	9786	2.09	ug/l #	61
29) Tetrahydrofuran	7.23	42	1569	1.09	ug/l #	50
43) Isopropyl Acetate	8.17	43	229625	24.21	ug/l #	85

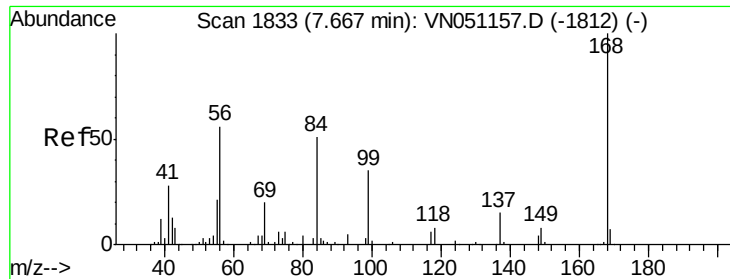
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051204.D

Acq: 14 Sep 2018 21:44

Instrument :

MSVOA_N

ClientSampleId :

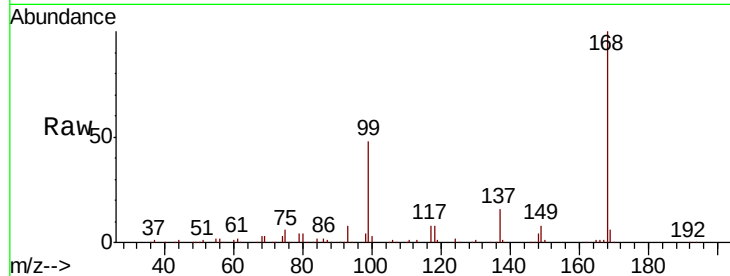
PB112829ZHE#09

Tot Ion:168 Resp: 526600

Ion Ratio Lower Upper

168 100

99 48.3 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

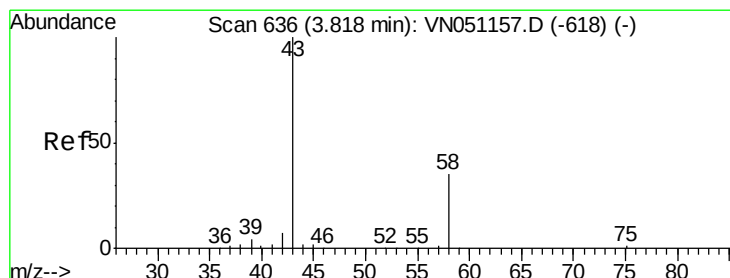
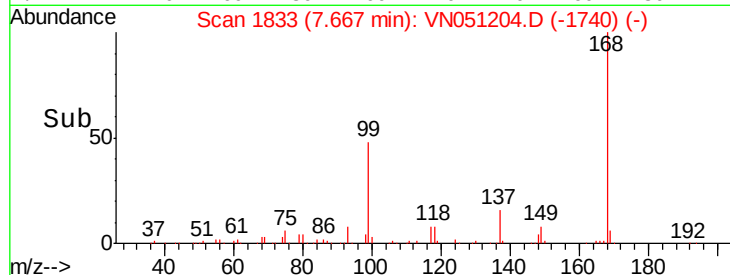
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 20.12 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051204.D

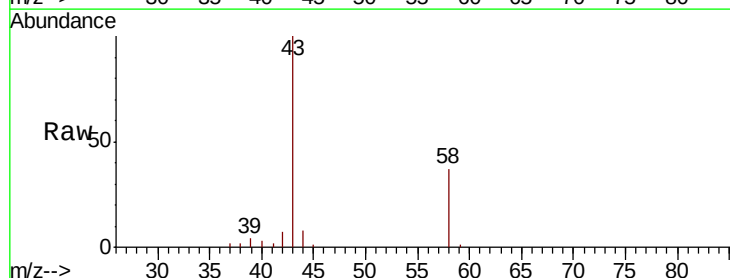
Acq: 14 Sep 2018 21:44

Tgt Ion: 43 Resp: 36931

Ion Ratio Lower Upper

43 100

58 37.0 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

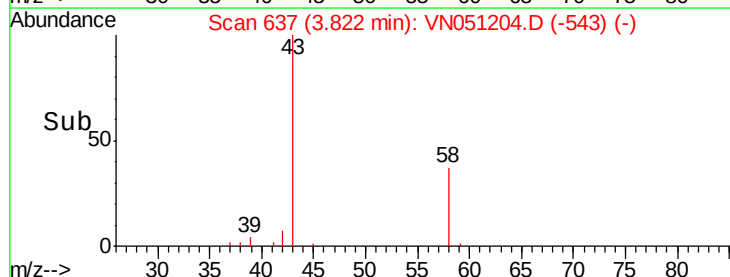
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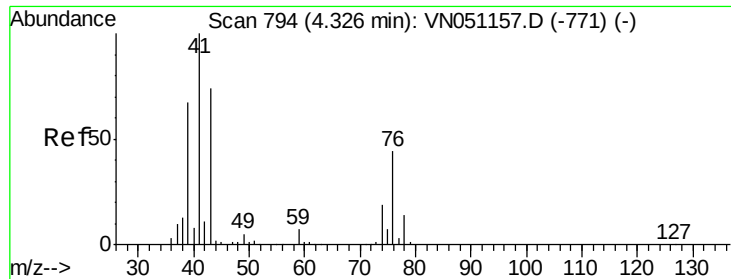
5000

0

3.70 3.75 3.80 3.85 3.90

Time-->

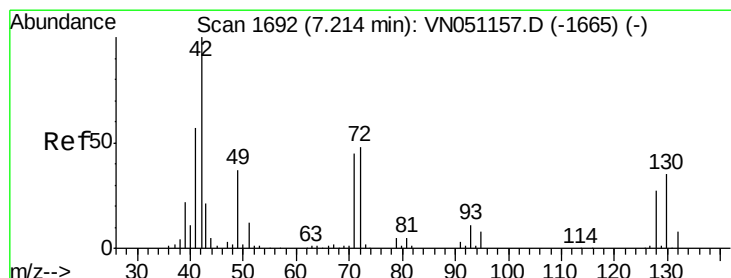
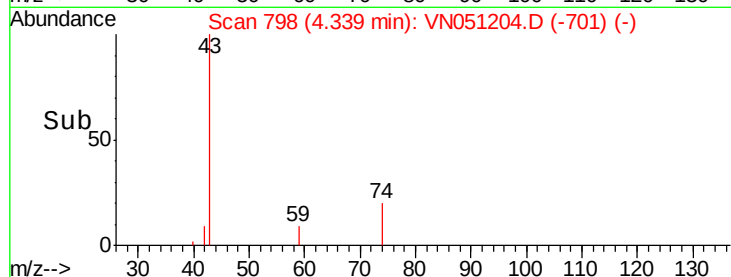
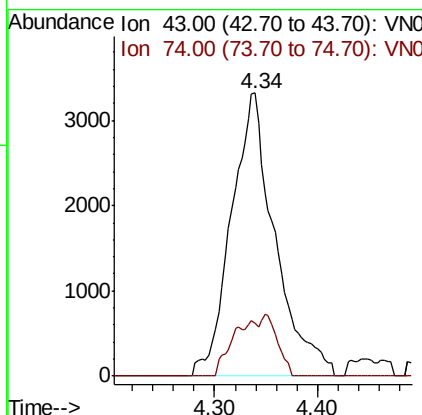
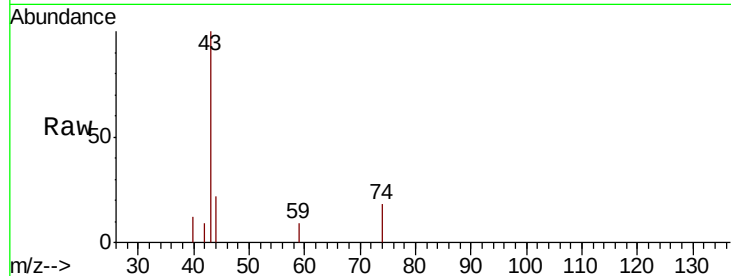




#18
Methvl Acetate
Concen: 2.09 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051204.D
Acq: 14 Sep 2018 21:44

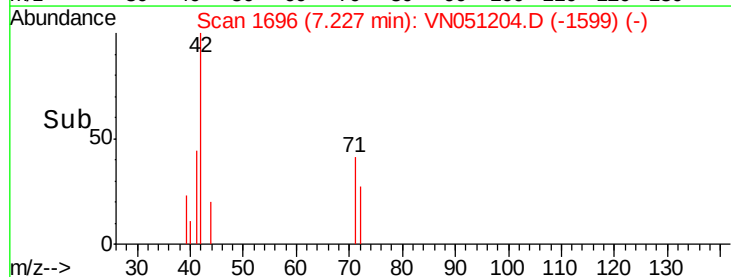
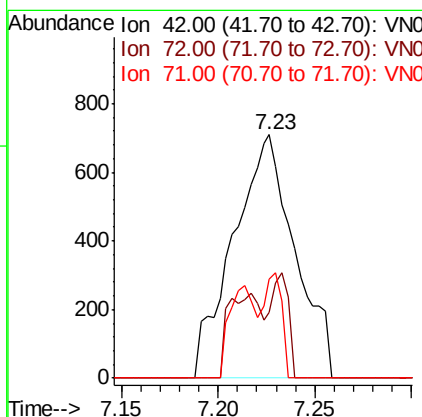
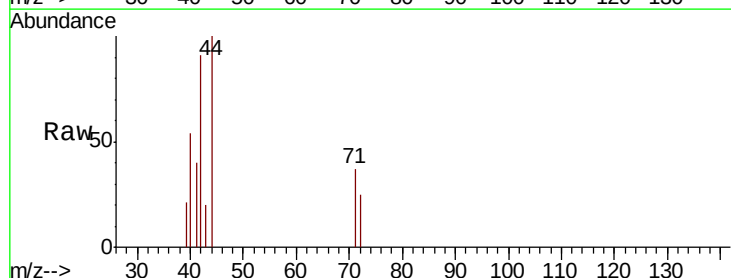
Instrument :
MSVOA_N
ClientSampleId :
PB112829ZHE#09

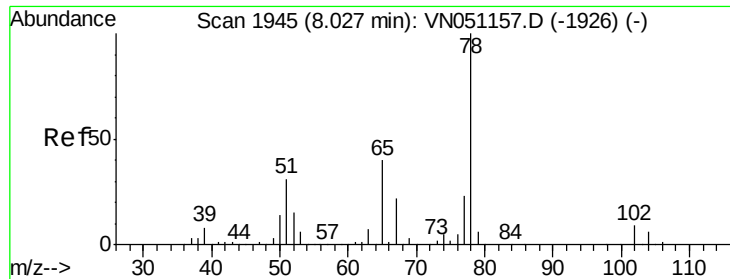
Tot Ion: 43 Resp: 9786
Ion Ratio Lower Upper
43 100
74 6.2 20.7 31.1#



#29
Tetrahydrofuran
Concen: 1.09 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VN051204.D
Acq: 14 Sep 2018 21:44

Tgt Ion: 42 Resp: 1569
Ion Ratio Lower Upper
42 100
72 12.4 37.4 56.0#
71 12.7 34.7 52.1#

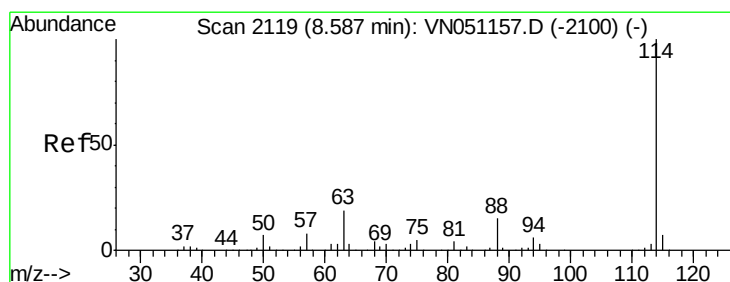
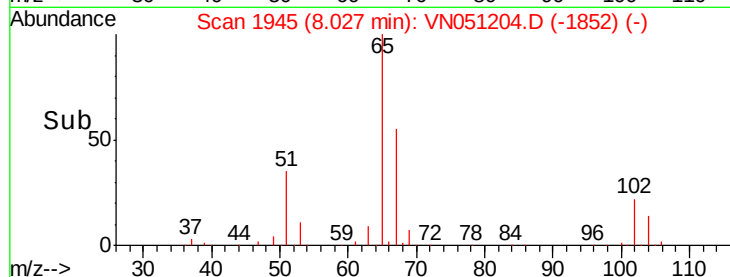
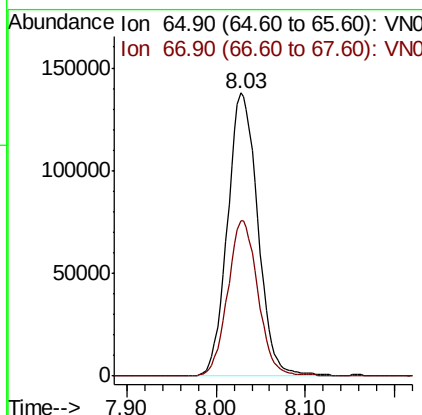
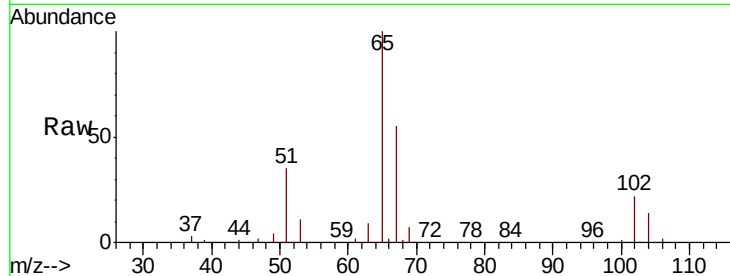




#33
 1,2-Dichloroethane-d4
 Concen: 55.46 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051204.D
 Acq: 14 Sep 2018 21:44

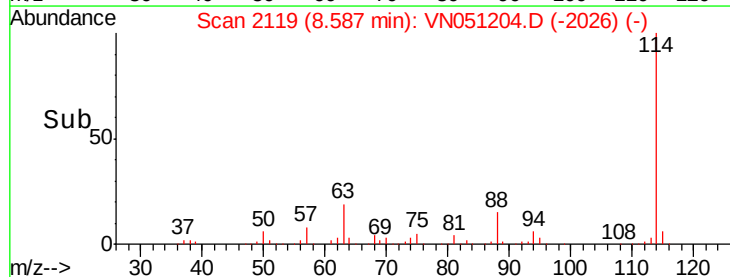
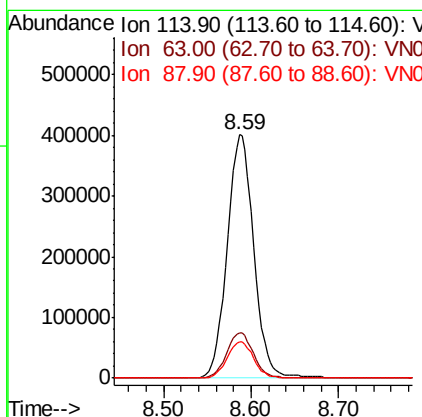
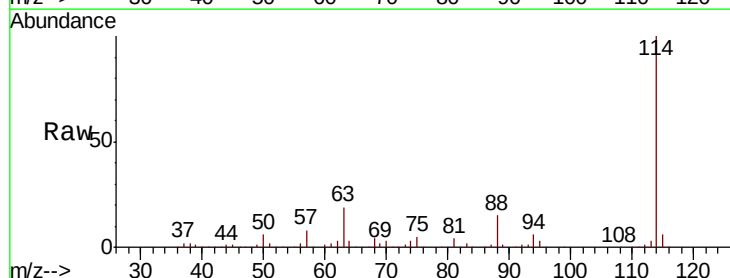
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829ZHE#09

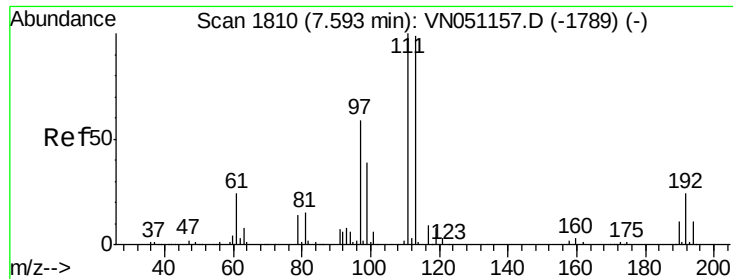
Tot Ion: 65 Resp: 325020
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051204.D
 Acq: 14 Sep 2018 21:44

Tgt Ion: 114 Resp: 845463
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.8
 88 15.0 0.0 30.8

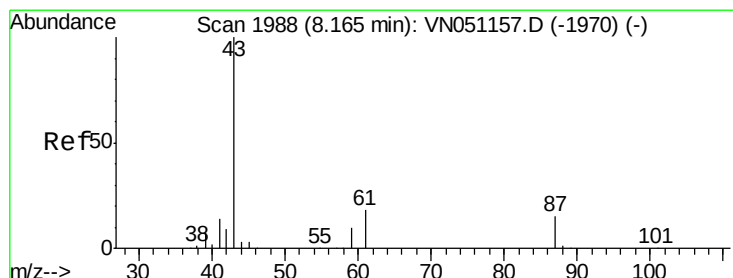
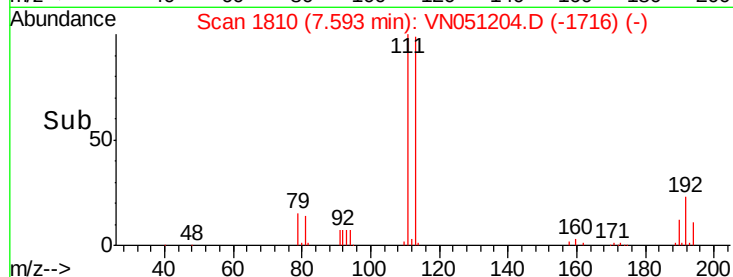
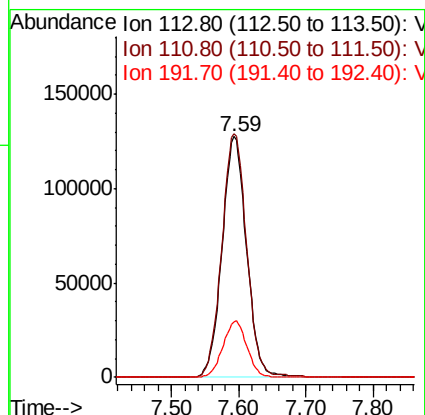
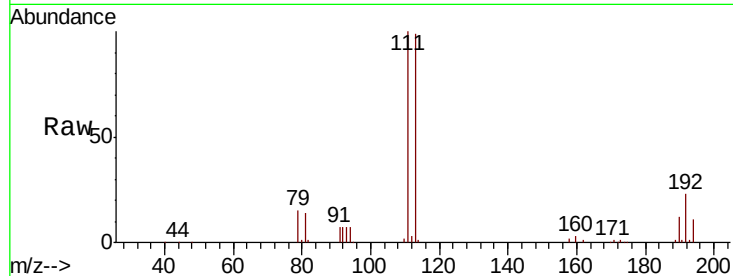




#35
 Dibromofluoromethane
 Concen: 51.02 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051204.D
 Acq: 14 Sep 2018 21:44

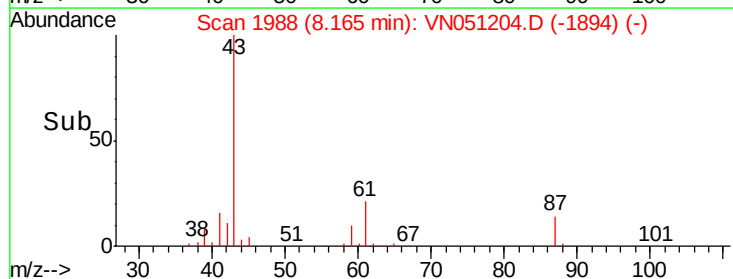
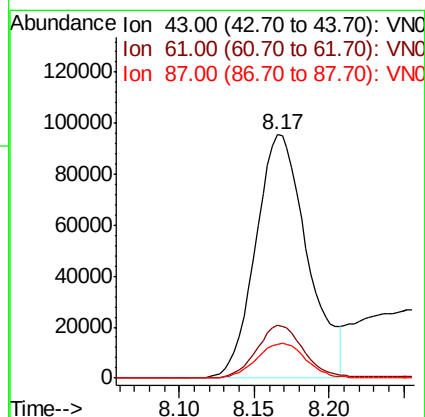
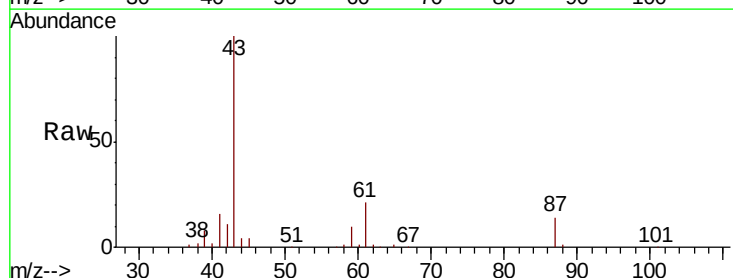
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829ZHE#09

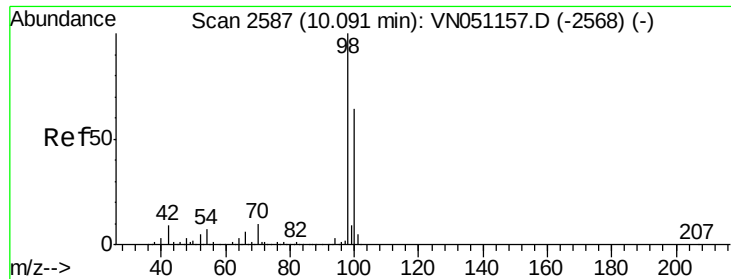
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.0	124.6
192	22.9	18.7	28.1



#43
 Isopropyl Acetate
 Concen: 24.21 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN051204.D
 Acq: 14 Sep 2018 21:44

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.8	25.0	37.6#
87	13.6	11.8	17.8





#50

Toluene-d8

Concen: 46.97 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051204.D

Acq: 14 Sep 2018 21:44

Instrument :

MSVOA_N

ClientSampleId :

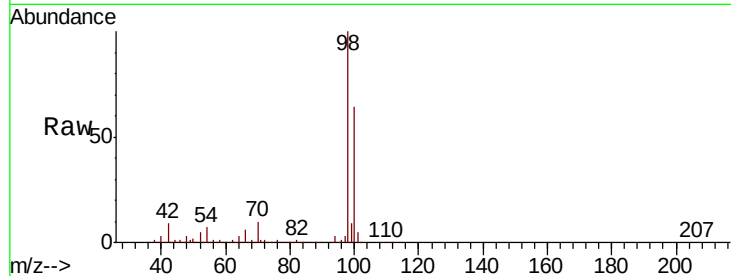
PB112829ZHE#09

Tot Ion: 98 Resp: 1132333

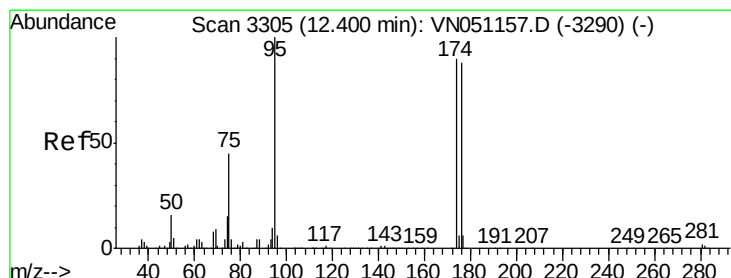
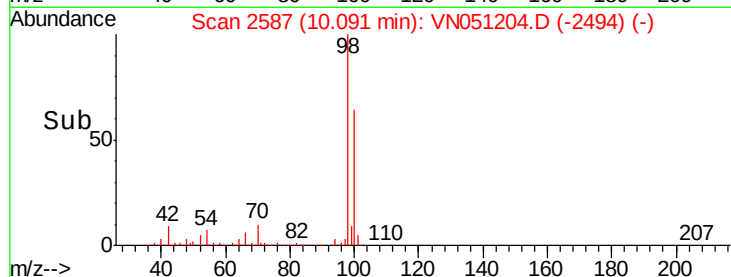
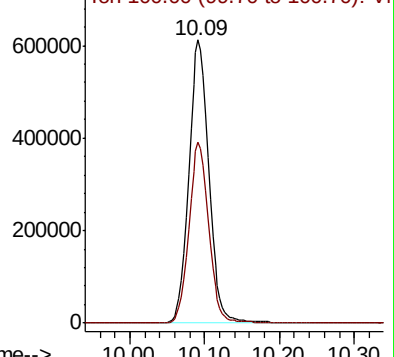
Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0



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



#62

4-Bromofluorobenzene

Concen: 34.88 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051204.D

Acq: 14 Sep 2018 21:44

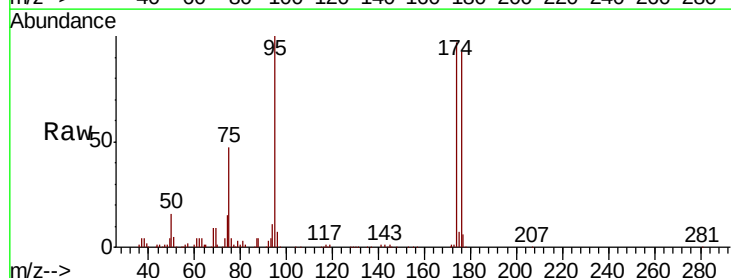
Tgt Ion: 95 Resp: 278147

Ion Ratio Lower Upper

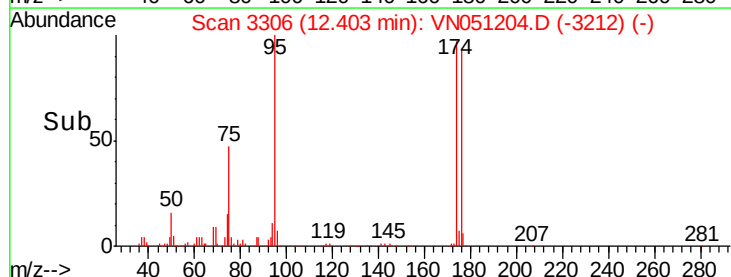
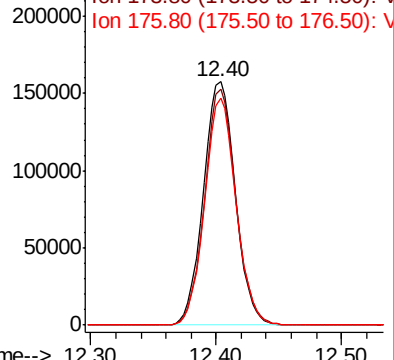
95 100

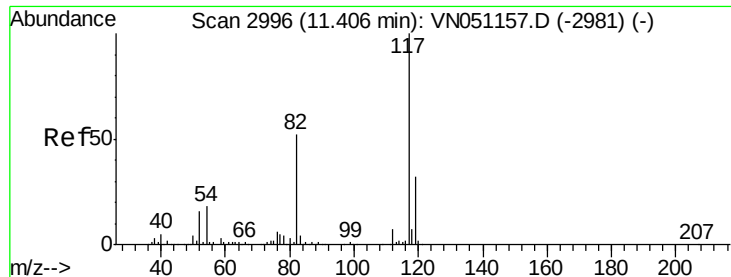
174 95.0 0.0 184.8

176 91.5 0.0 178.6



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

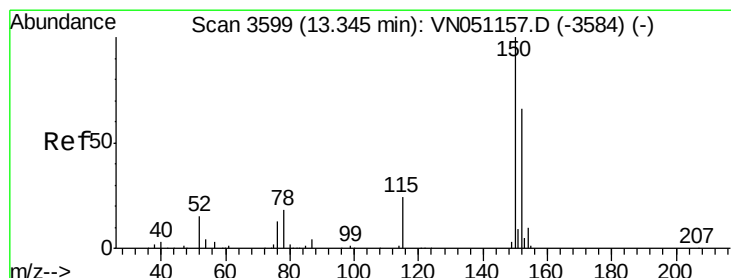
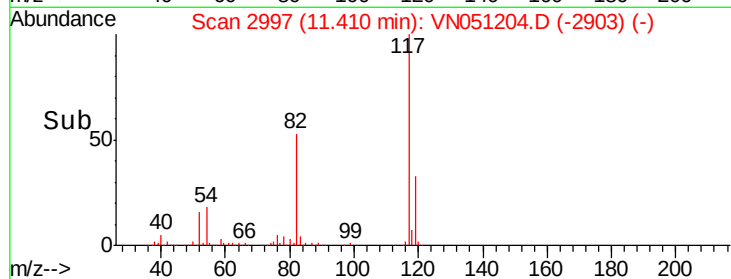
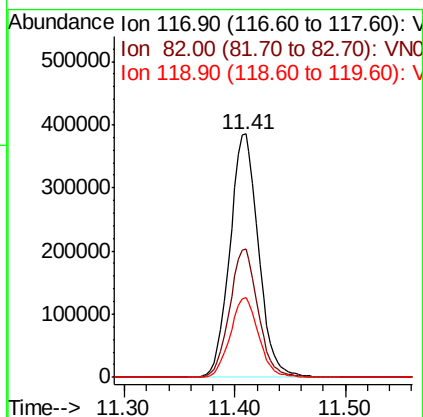
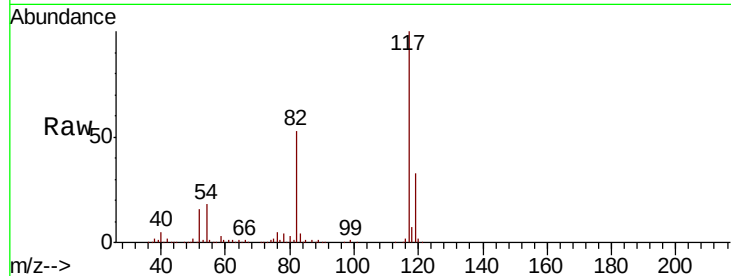




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051204.D
Acq: 14 Sep 2018 21:44

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MSVOA_N
ClientSampleId :
PB112829ZHE#09

Tot Ion:117 Resp: 691884
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.6
119 32.7 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: VN051204.D
Acq: 14 Sep 2018 21:44

Tgt Ion:152 Resp: 197804
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 157.6 0.0 349.0

