

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072418\
 Data File : VN050029.D
 Acq On : 24 Jul 2018 18:48
 Operator : MD\SY
 Sample : PB111391ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111391ZHE#03

Quant Time: Jul 25 01:13:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	598517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1003203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	824456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	285612	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	443818	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
35) Dibromofluoromethane	7.60	113	389671	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
50) Toluene-d8	10.09	98	1350108	44.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.66%	
62) 4-Bromofluorobenzene	12.40	95	358632	36.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.34%	

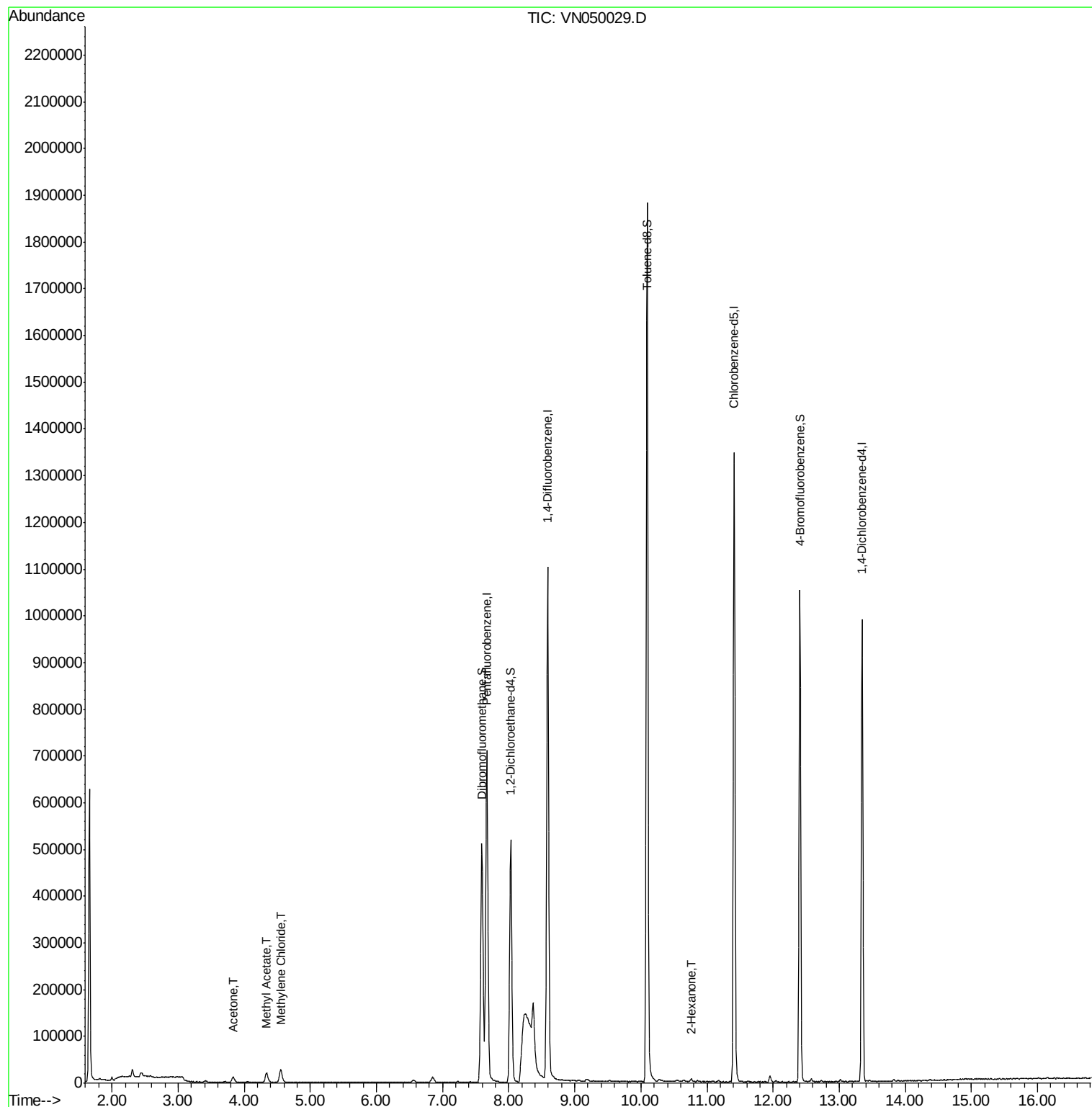
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	19156	5.49	ug/l	90
18) Methyl Acetate	4.34	43	40630	3.81	ug/l	96
20) Methylene Chloride	4.55	84	20411	1.54	ug/l	95
59) 2-Hexanone	10.75	43	5240	6.08	ug/l	75

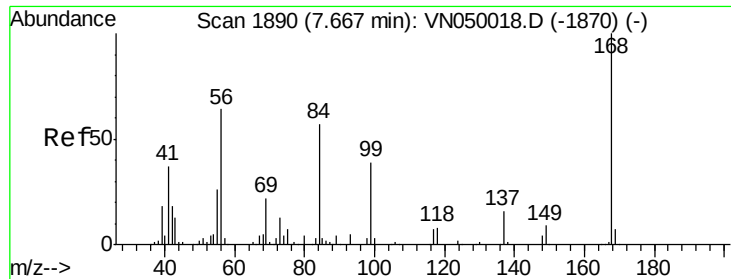
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050029.D

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Instrument :

MSVOA_N

ClientSampleId :

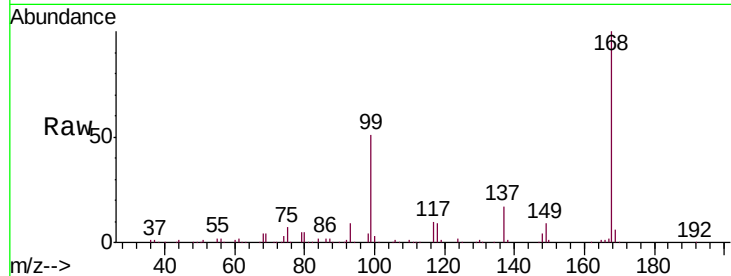
PB111391ZHE#03

Tot Ion:168 Resp: 598517

Ion Ratio Lower Upper

168 100

99 51.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

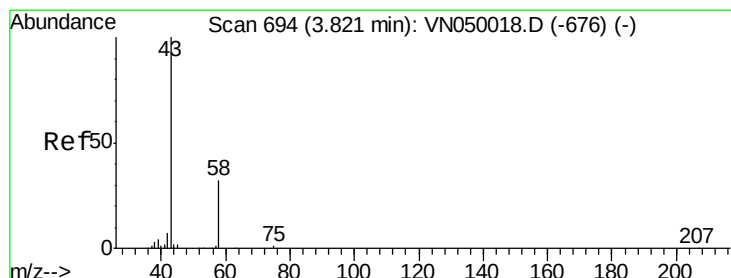
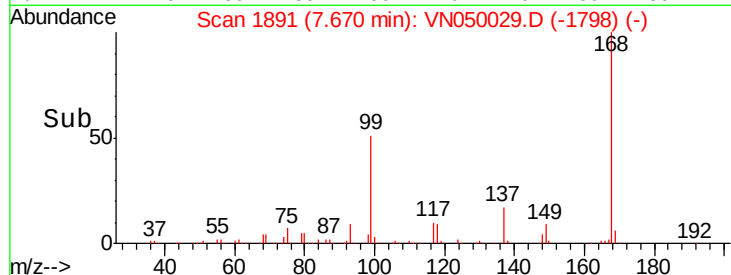
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.49 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050029.D

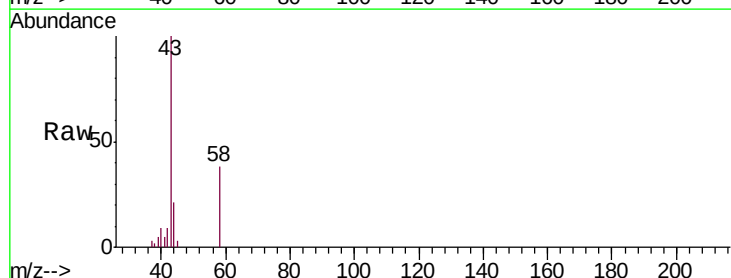
Acq: 24 Jul 2018 18:48

Tgt Ion: 43 Resp: 19156

Ion Ratio Lower Upper

43 100

58 37.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

3.83

8000

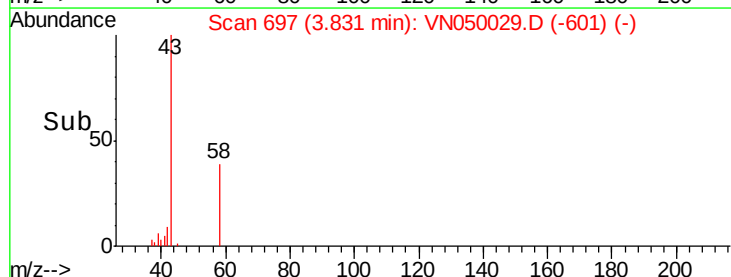
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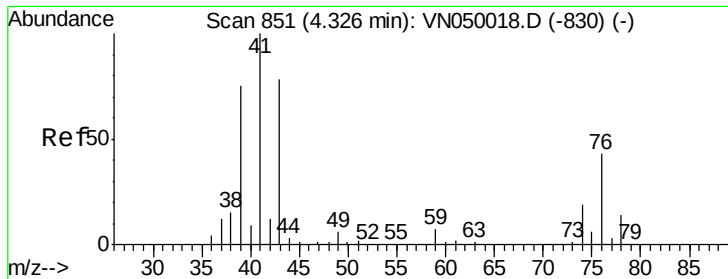
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2000

0

Time-->

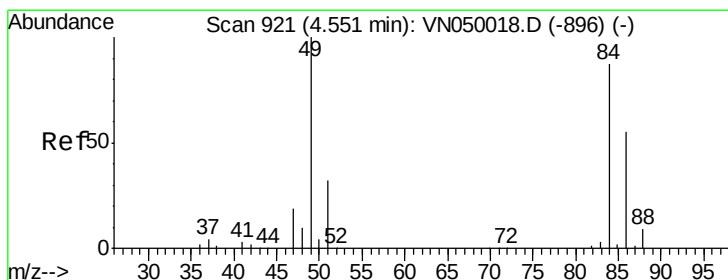
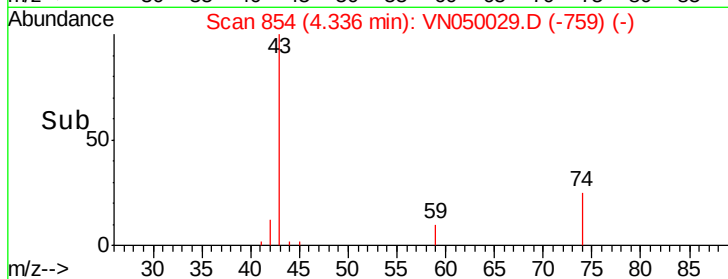
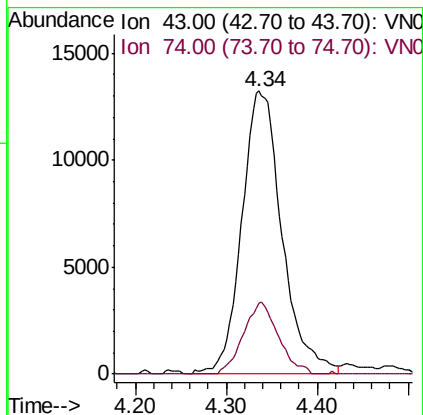
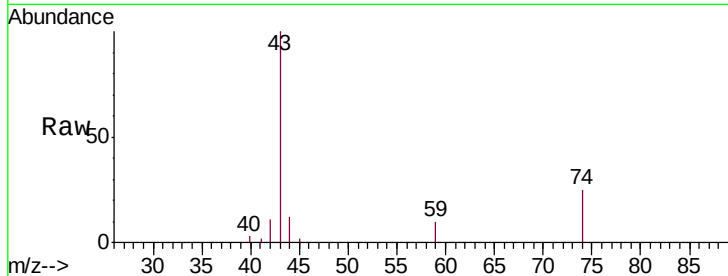




#18
Methyl Acetate
Concen: 3.81 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050029.D
Acq: 24 Jul 2018 18:48

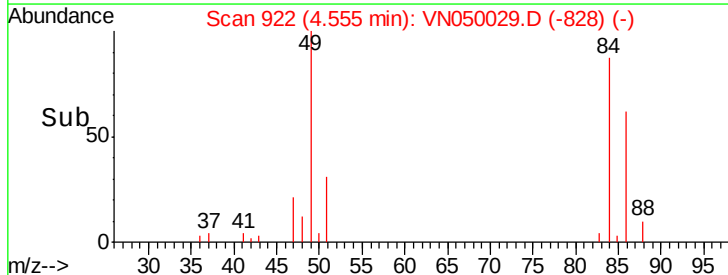
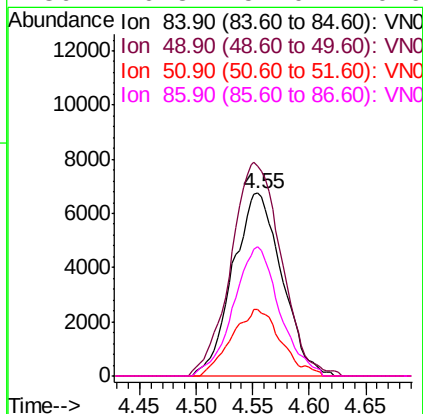
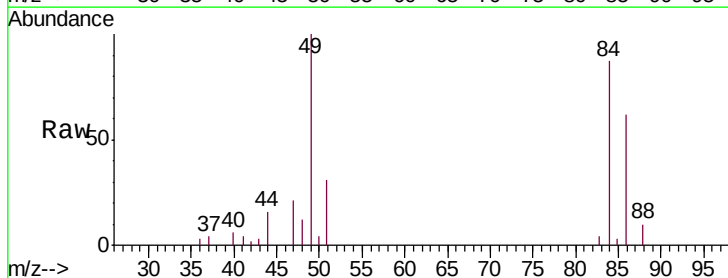
Instrument :
MSVOA_N
ClientSampleId :
PB111391ZHE#03

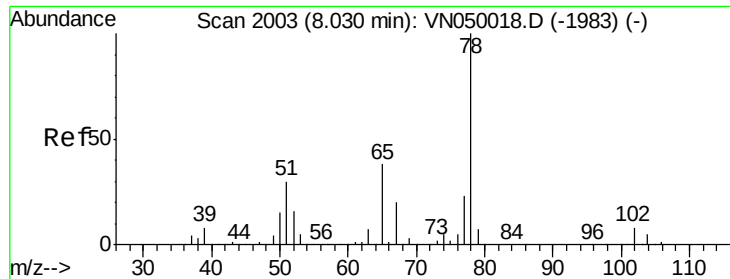
Tot Ion: 43 Resp: 40630
Ion Ratio Lower Upper
43 100
74 22.1 19.2 28.8



#20
Methylene Chloride
Concen: 1.54 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050029.D
Acq: 24 Jul 2018 18:48

Tgt Ion: 84 Resp: 20411
Ion Ratio Lower Upper
84 100
49 115.0 94.8 142.2
51 36.2 28.3 42.5
86 70.8 51.0 76.6

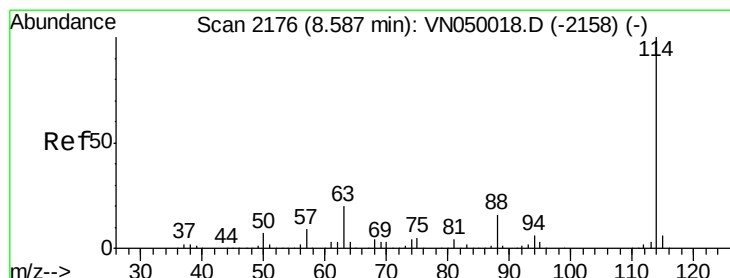
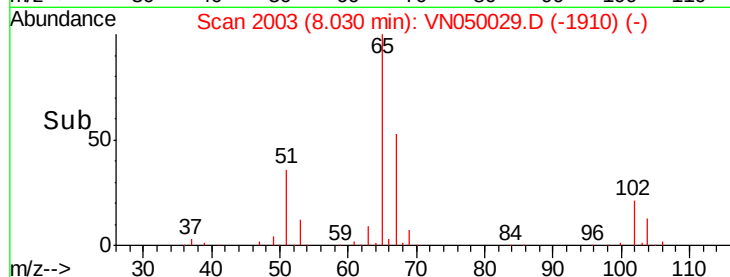
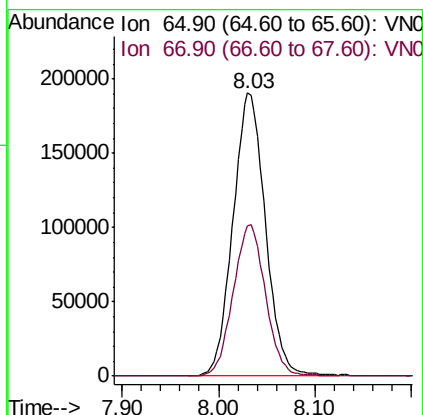
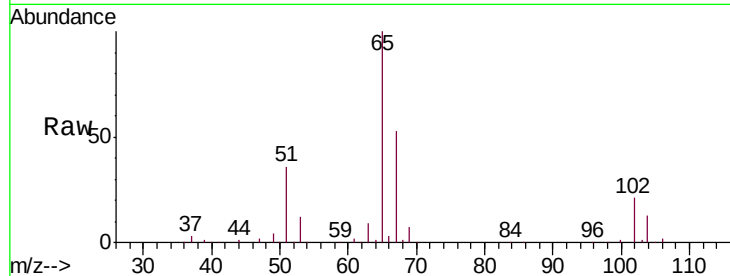




#33
 1,2-Dichloroethane-d4
 Concen: 53.15 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050029.D
 Acq: 24 Jul 2018 18:48

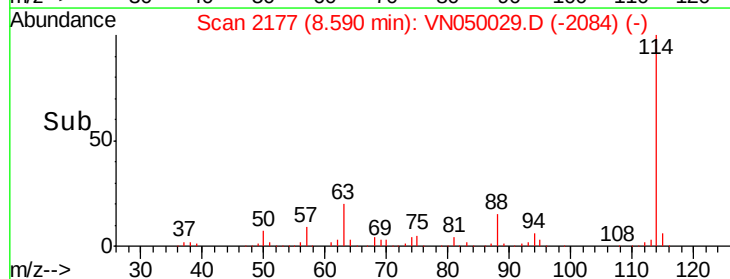
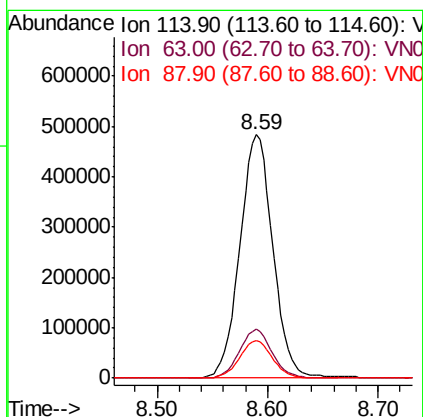
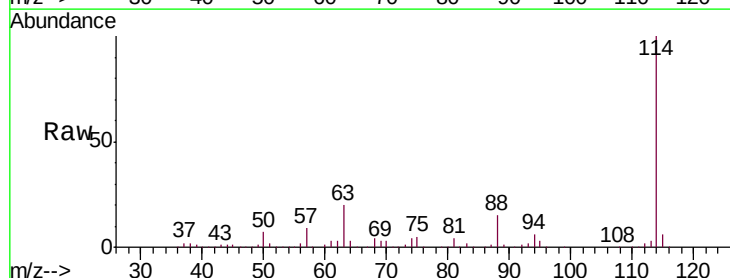
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111391ZHE#03

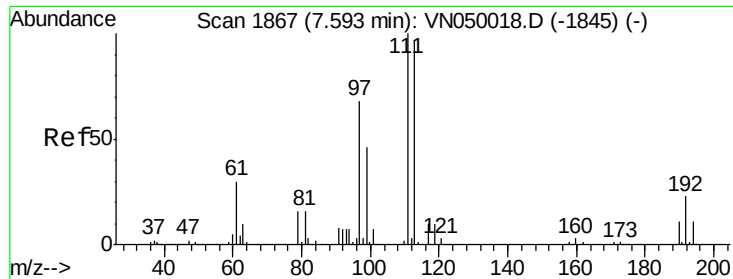
Tot Ion: 65 Resp: 443818
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050029.D
 Acq: 24 Jul 2018 18:48

Tgt Ion: 114 Resp: 1003203
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.2 0.0 31.2

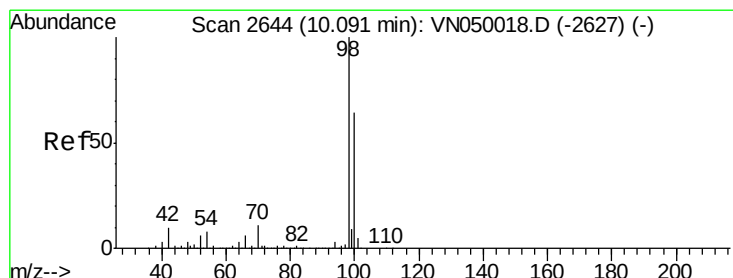
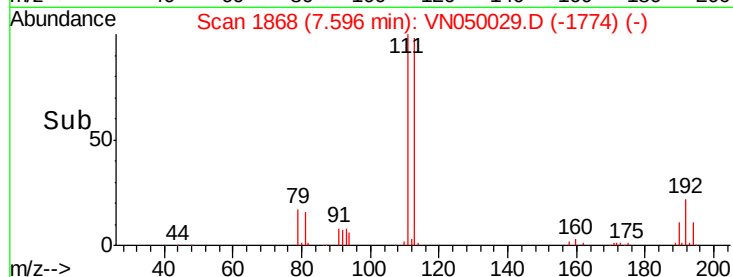
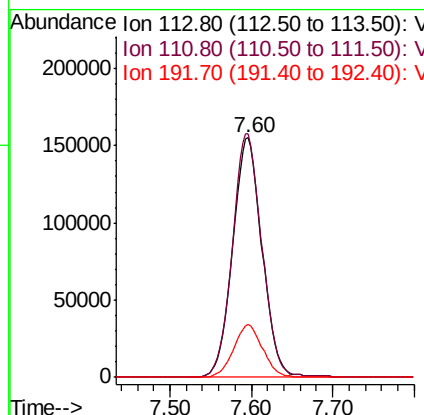
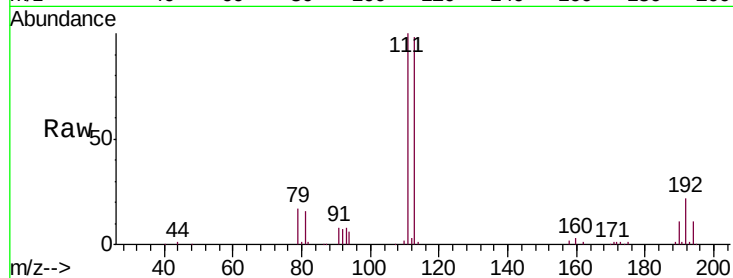




#35
 Dibromofluoromethane
 Concen: 47.57 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050029.D
 Acq: 24 Jul 2018 18:48

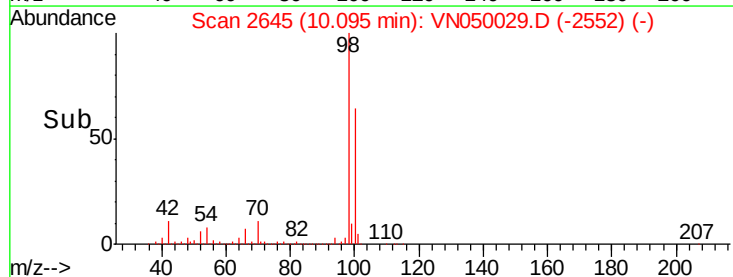
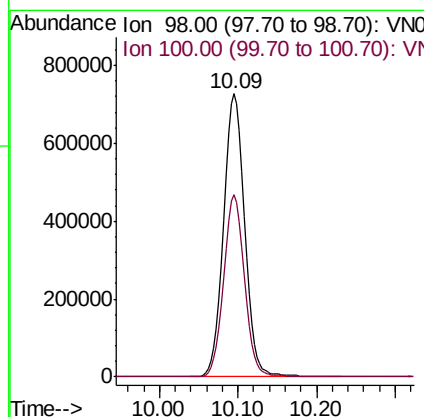
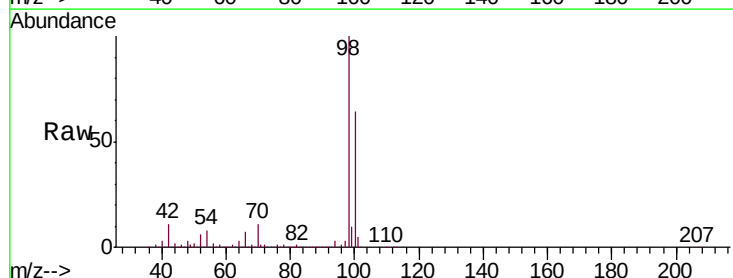
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111391ZHE#03

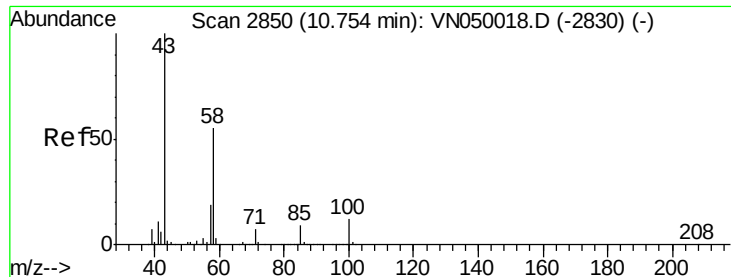
Tot Ion:113 Resp: 389671
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.7 121.1
 192 21.8 17.8 26.6



#50
 Toluene-d8
 Concen: 44.83 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050029.D
 Acq: 24 Jul 2018 18:48

Tgt Ion: 98 Resp: 1350108
 Ion Ratio Lower Upper
 98 100
 100 63.2 50.7 76.1

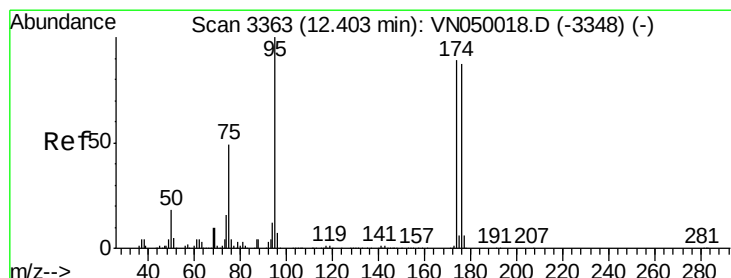
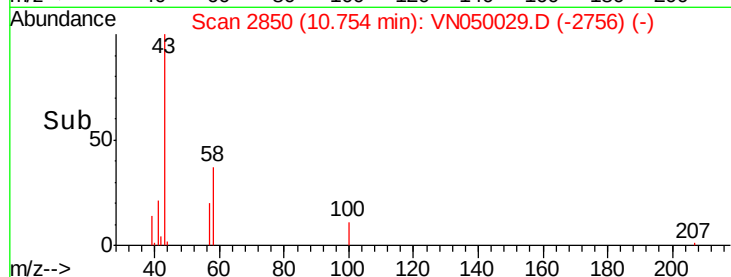
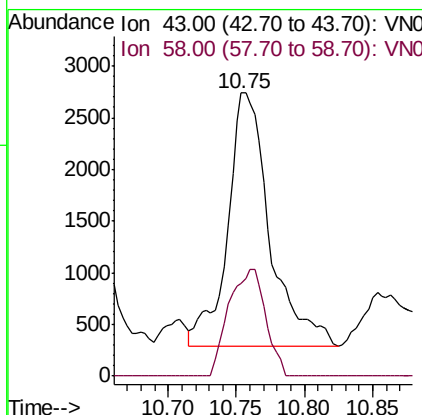
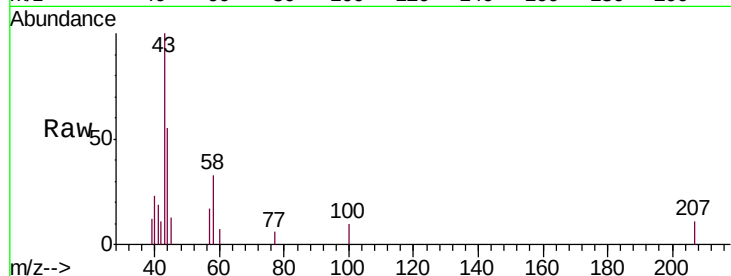




#59
2-Hexanone
Concen: 6.08 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050029.D
Acq: 24 Jul 2018 18:48

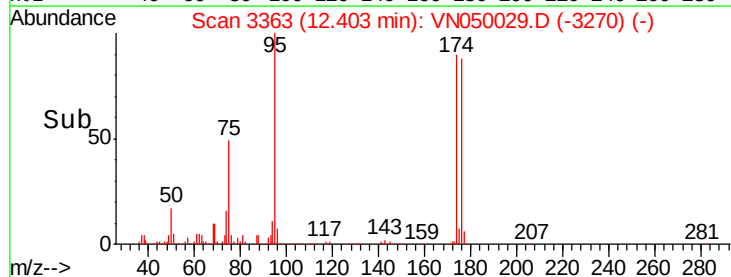
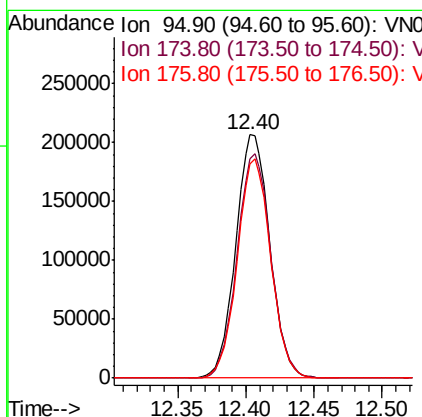
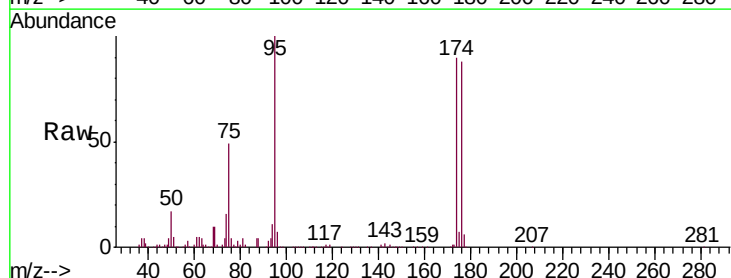
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MSVOA_N
ClientSampleId :
PB111391ZHE#03

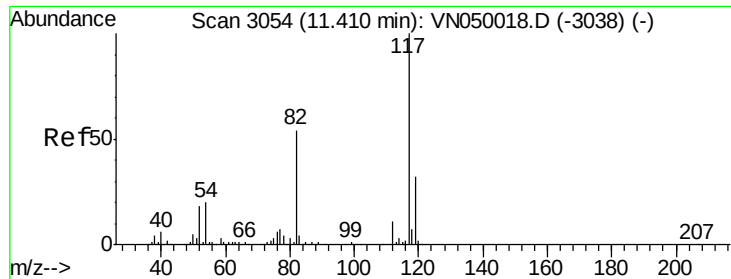
Tot Ion: 43 Resp: 5240
Ion Ratio Lower Upper
43 100
58 36.8 27.6 82.7



#62
4-Bromofluorobenzene
Concen: 36.17 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050029.D
Acq: 24 Jul 2018 18:48

Tgt Ion: 95 Resp: 358632
Ion Ratio Lower Upper
95 100
174 91.7 0.0 178.2
176 88.3 0.0 173.4

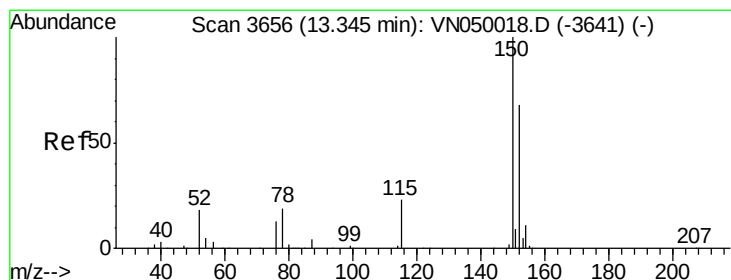
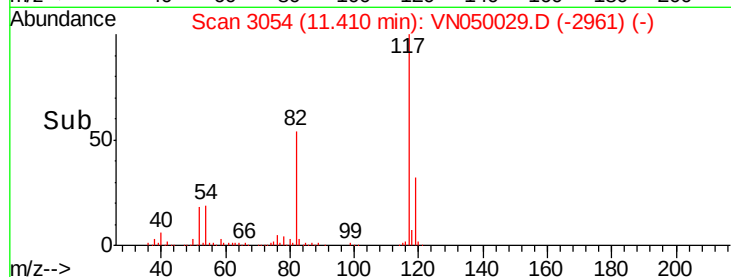
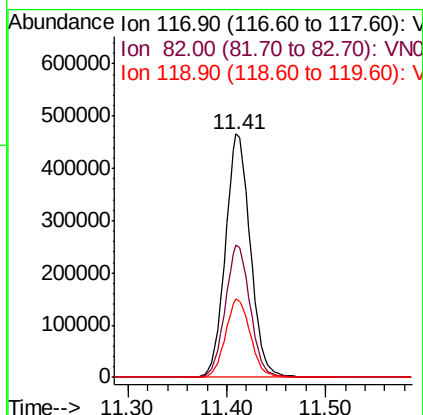
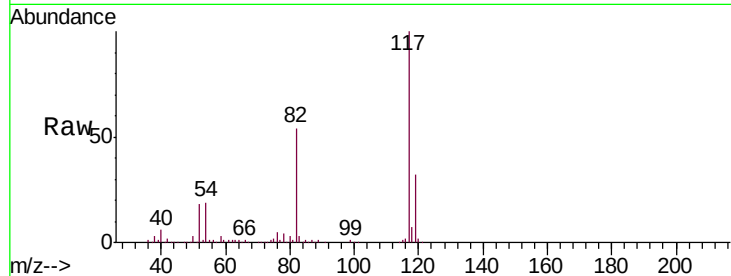




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050029.D
Acq: 24 Jul 2018 18:48

Instrument :
MSVOA_N
ClientSampleId :
PB111391ZHE#03

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.7	65.5
119	32.0	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN050029.D
Acq: 24 Jul 2018 18:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.8	83.3
150	156.8	0.0	348.6

