

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049915.D
 Acq On : 19 Jul 2018 14:41
 Operator : MD\SY
 Sample : PB111251ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#02

Quant Time: Jul 20 02:02:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	583529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	963562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	811187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	305733	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	402237	50.15	ug/l	0.00
Spiked Amount						
			Recovery	=	100.30%	
35) Dibromofluoromethane	7.59	113	354201	43.79	ug/l	0.00
Spiked Amount						
			Recovery	=	87.58%	
50) Toluene-d8	10.09	98	1282595	43.52	ug/l	0.00
Spiked Amount						
			Recovery	=	87.04%	
62) 4-Bromofluorobenzene	12.40	95	365266	35.99	ug/l	0.00
Spiked Amount						
			Recovery	=	71.98%	

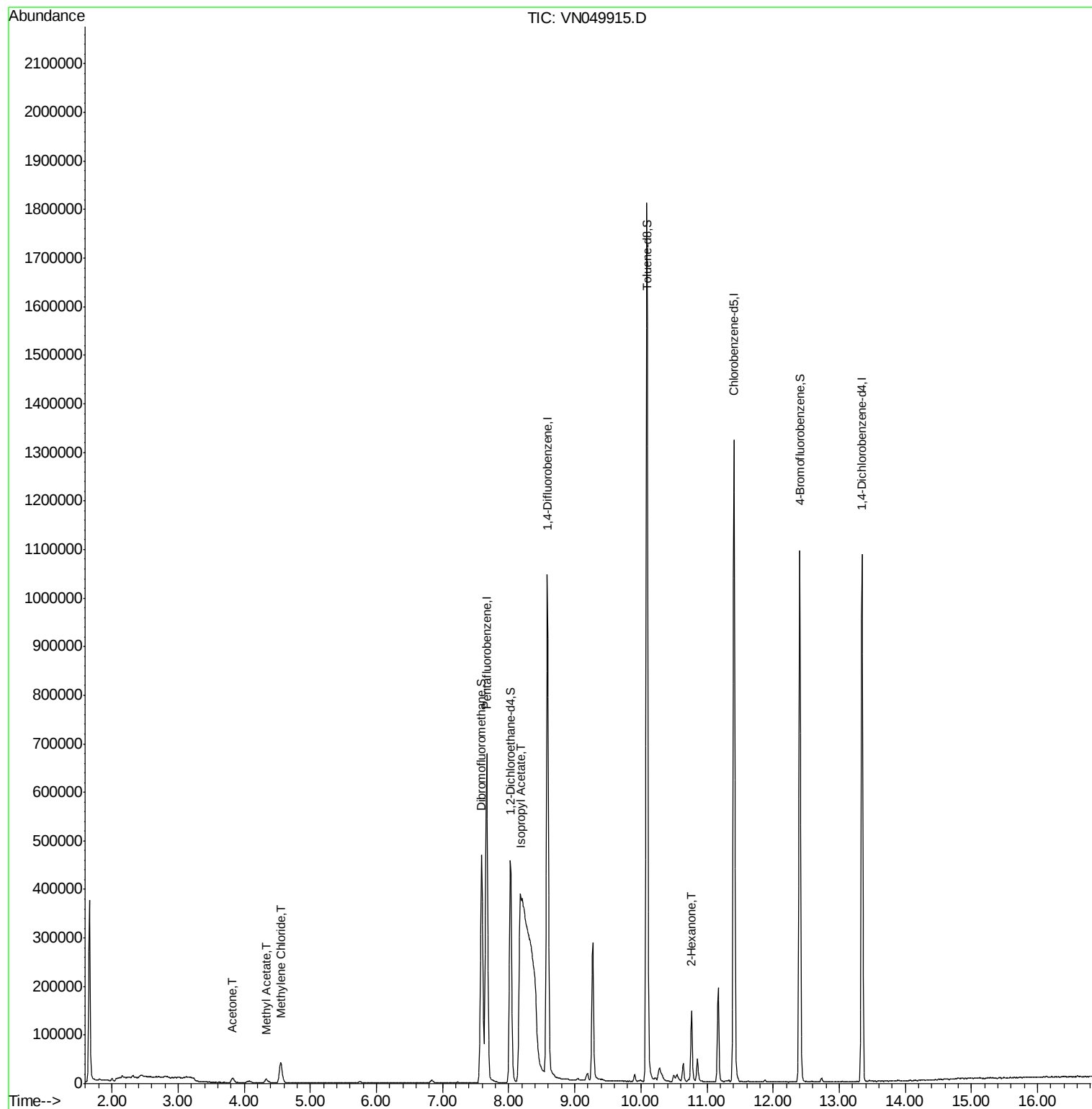
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	16352	7.87	ug/l	96
18) Methyl Acetate	4.33	43	14739	1.46	ug/l	96
20) Methylene Chloride	4.55	84	32815	4.16	ug/l	96
43) Isopropyl Acetate	8.17	43	905674	70.46	ug/l #	74
59) 2-Hexanone	10.77	43	20444	4.24	ug/l #	57

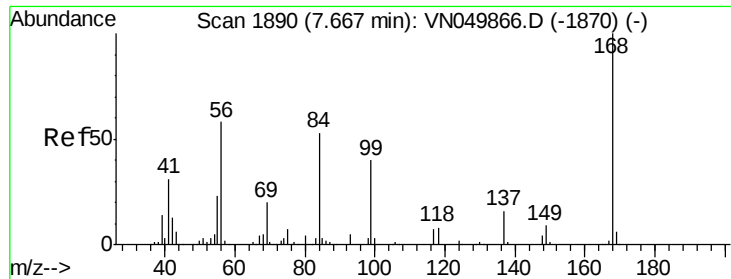
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049915.D

Acq: 19 Jul 2018 14:41

Instrument :

MSVOA_N

ClientSampleId :

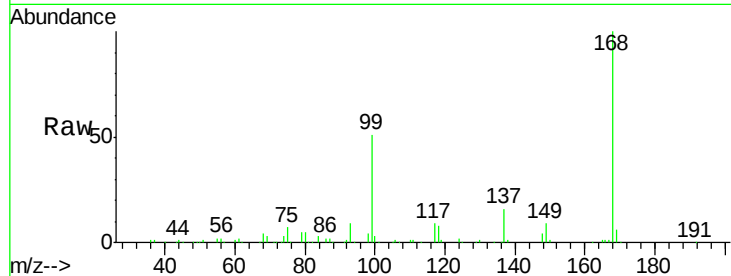
PB111251ZHE#02

Tot Ion:168 Resp: 583529

Ion Ratio Lower Upper

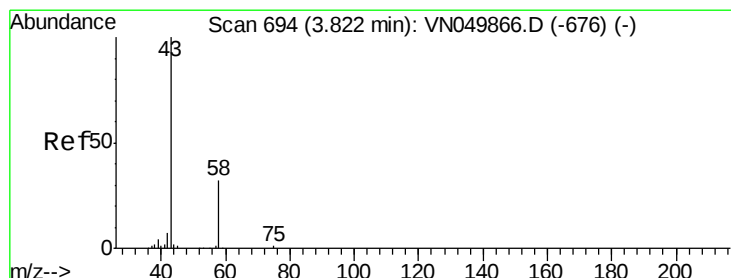
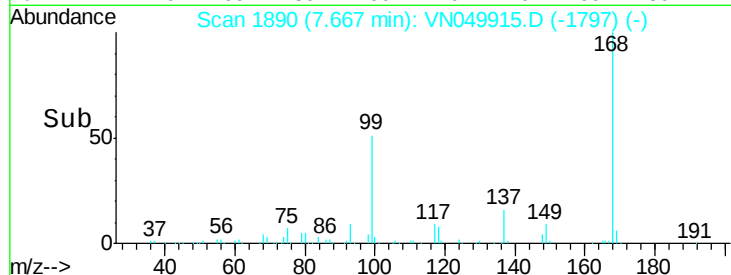
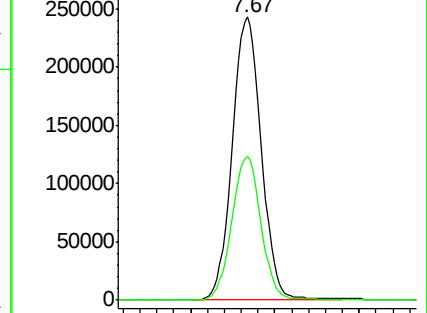
168 100

99 50.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 7.87 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049915.D

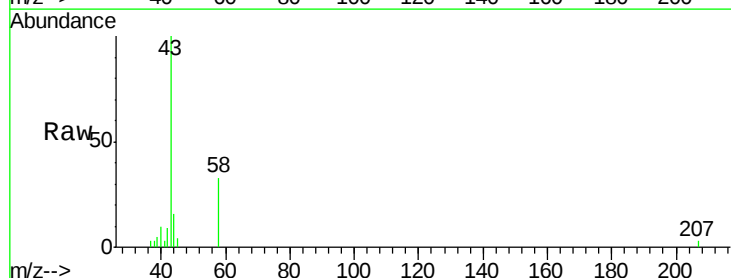
Acq: 19 Jul 2018 14:41

Tgt Ion: 43 Resp: 16352

Ion Ratio Lower Upper

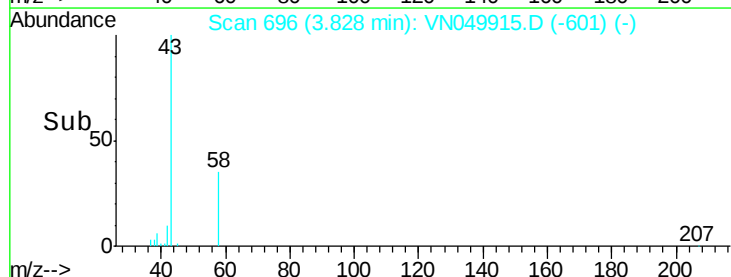
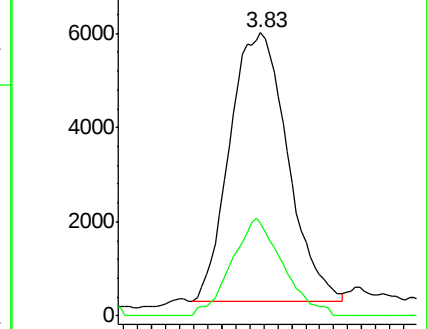
43 100

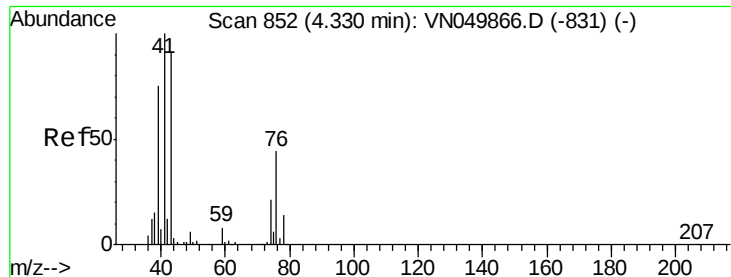
58 34.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

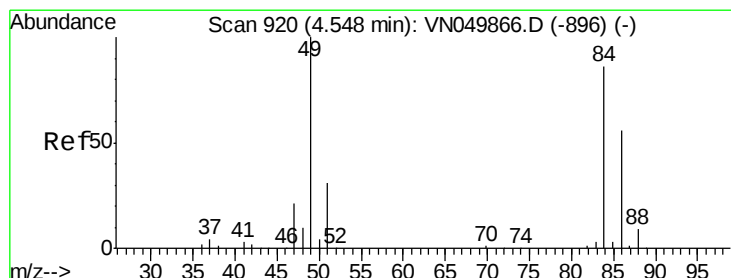
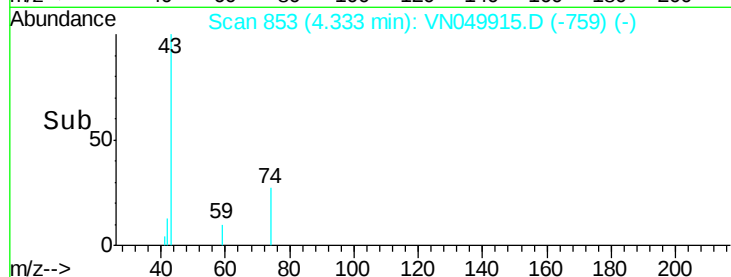
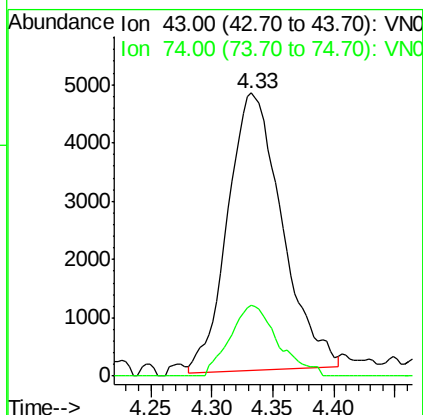
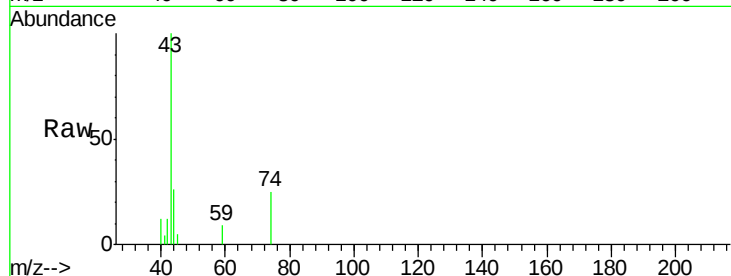




#18
Methvl Acetate
Concen: 1.46 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049915.D
Acq: 19 Jul 2018 14:41

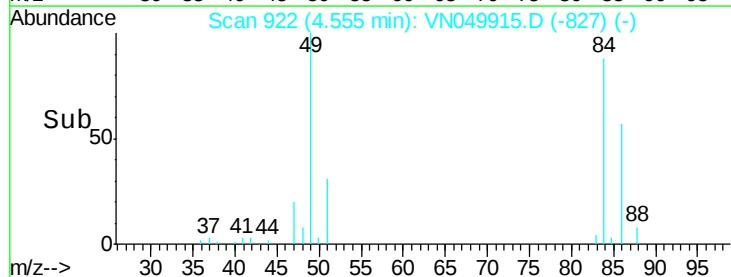
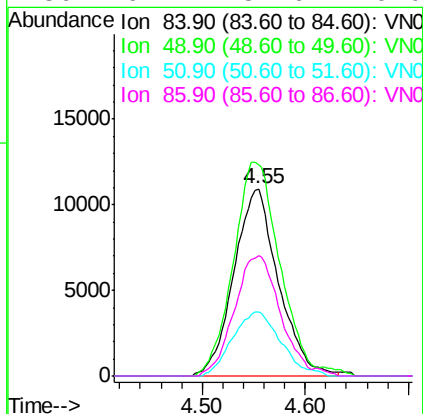
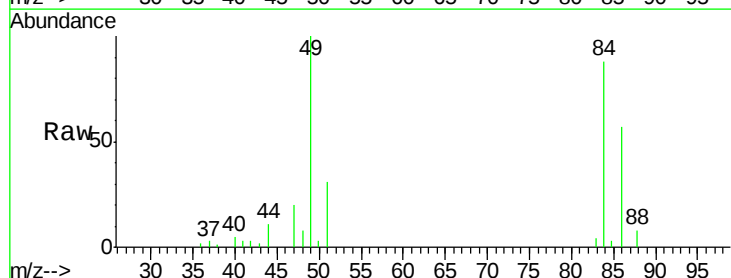
Instrument :
MSVOA_N
ClientSampleId :
PB111251ZHE#02

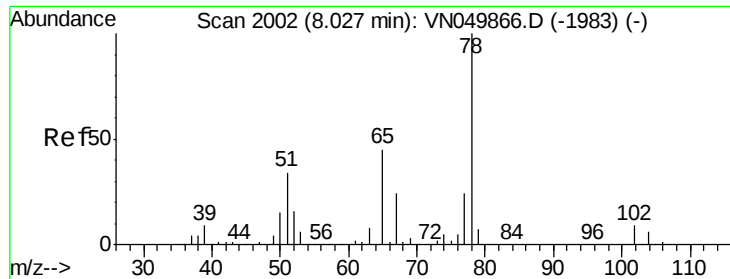
Tot Ion: 43 Resp: 14739
Ion Ratio Lower Upper
43 100
74 22.6 19.8 29.8



#20
Methylene Chloride
Concen: 4.16 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.01 min
Lab File: VN049915.D
Acq: 19 Jul 2018 14:41

Tgt Ion: 84 Resp: 32815
Ion Ratio Lower Upper
84 100
49 113.2 95.4 143.2
51 34.5 28.4 42.6
86 64.2 52.6 79.0

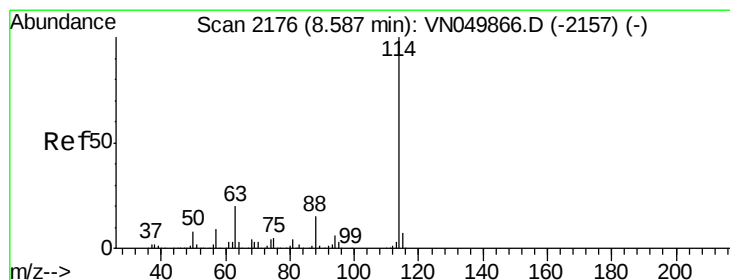
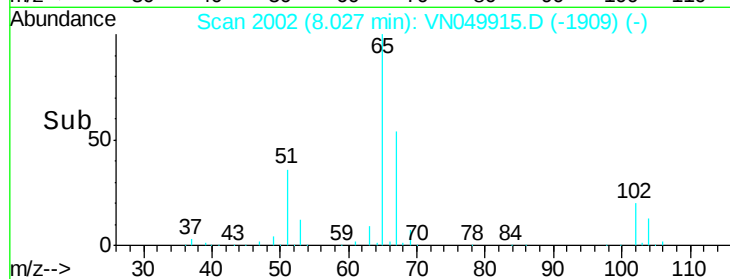
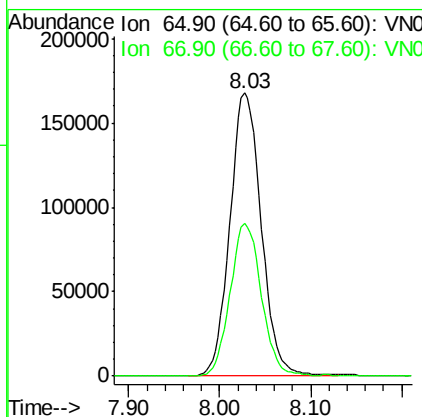
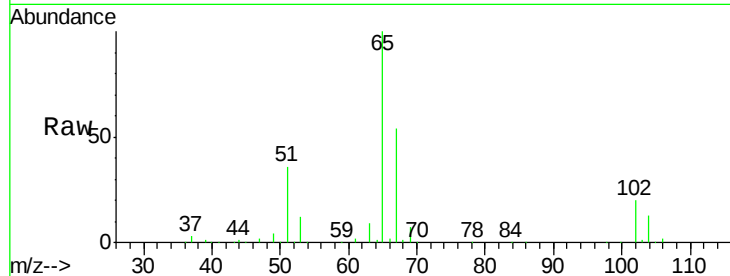




#33
 1,2-Dichloroethane-d4
 Concen: 50.15 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049915.D
 Acq: 19 Jul 2018 14:41

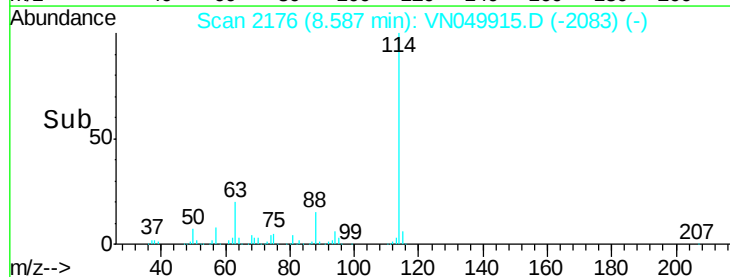
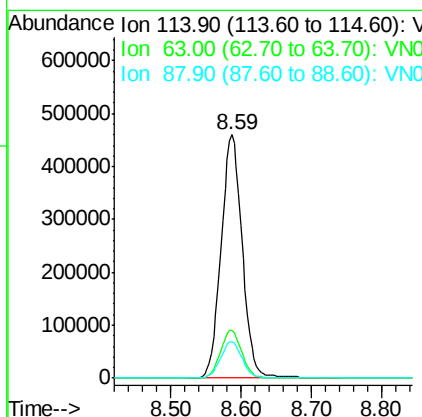
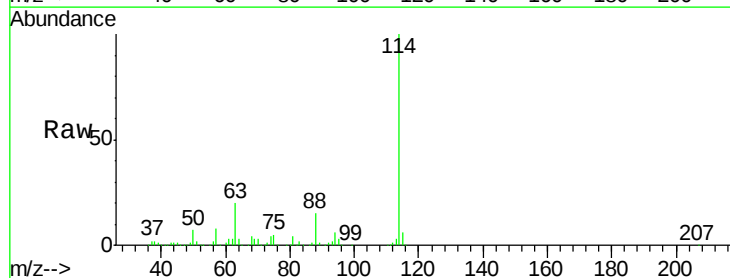
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#02

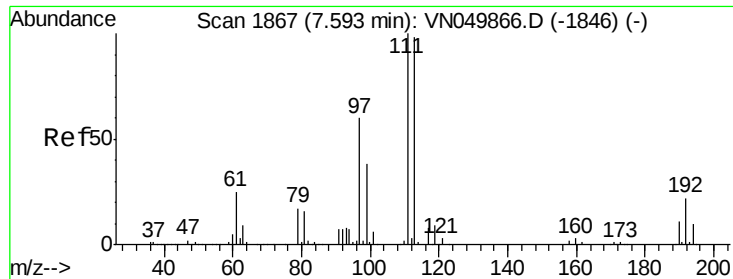
Tot Ion: 65 Resp: 402237
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049915.D
 Acq: 19 Jul 2018 14:41

Tgt Ion: 114 Resp: 963562
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.0 0.0 30.6

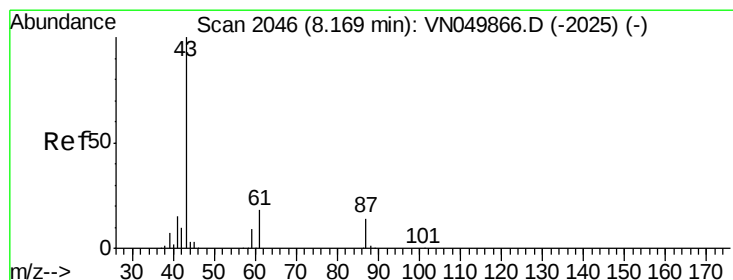
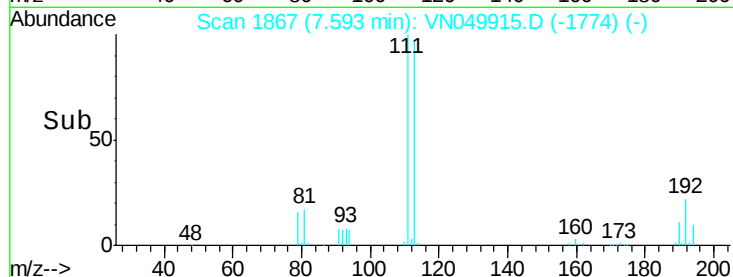
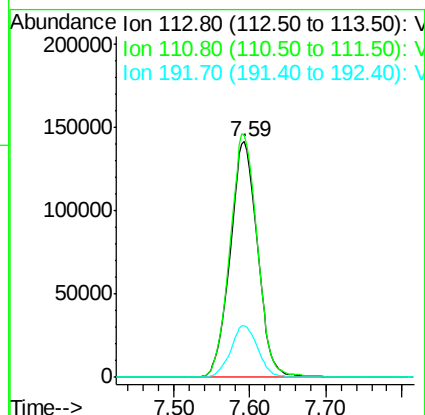
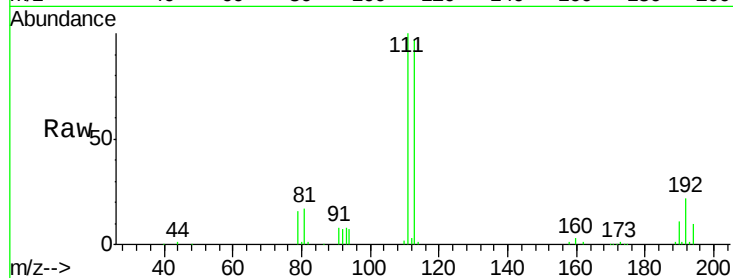




#35
 Dibromofluoromethane
 Concen: 43.79 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049915.D
 Acq: 19 Jul 2018 14:41

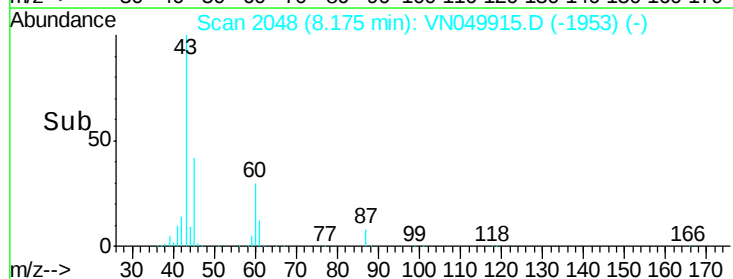
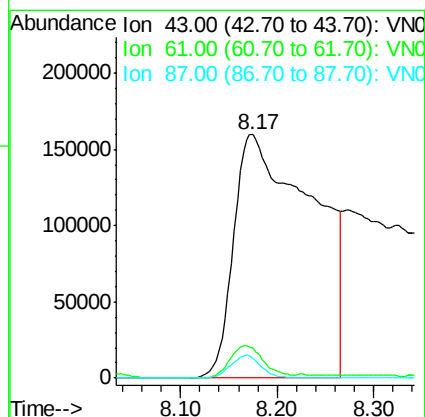
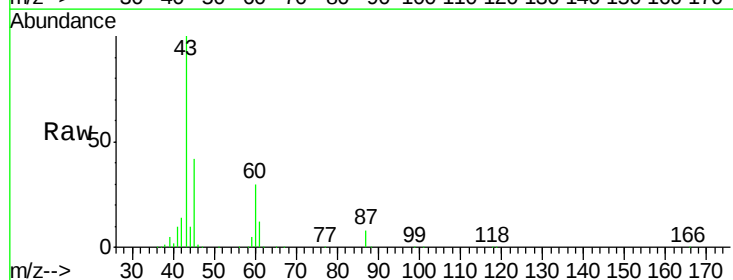
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#02

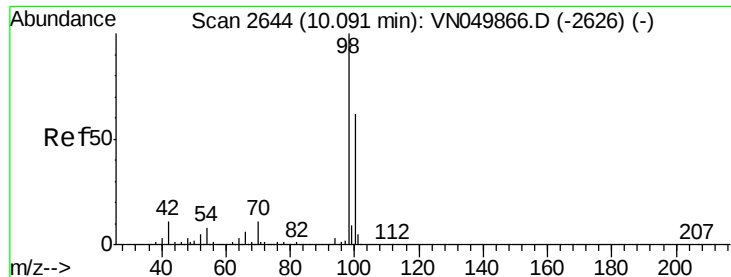
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.8
192	21.9	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 70.46 ug/l
 RT: 8.17 min Scan# 2048
 Delta R.T. 0.01 min
 Lab File: VN049915.D
 Acq: 19 Jul 2018 14:41

Tgt Ion	Ratio	Lower	Upper
43	100		
61	5.8	14.9	22.3#
87	3.6	10.0	15.0#

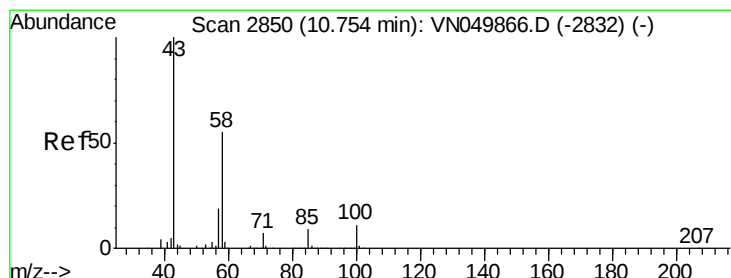
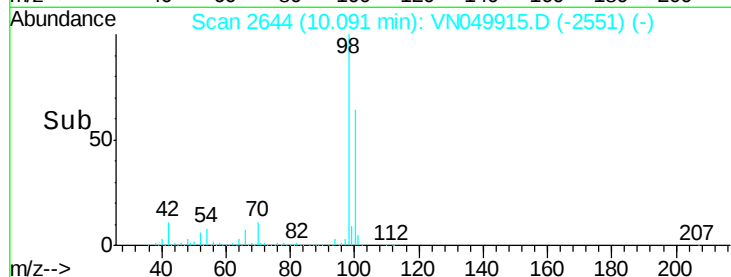
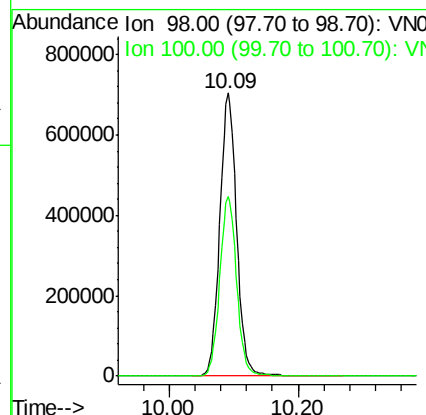
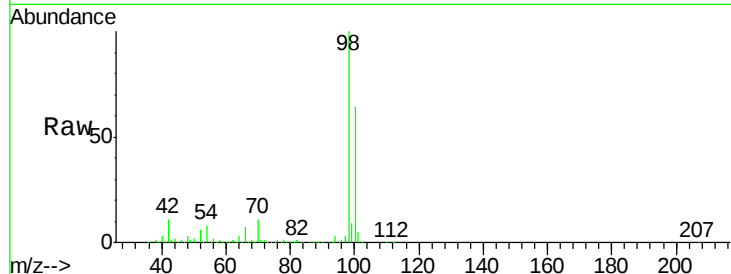




#50
Toluene-d8
Concen: 43.52 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049915.D
Acq: 19 Jul 2018 14:41

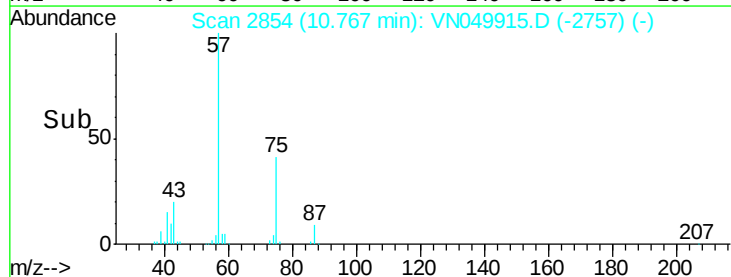
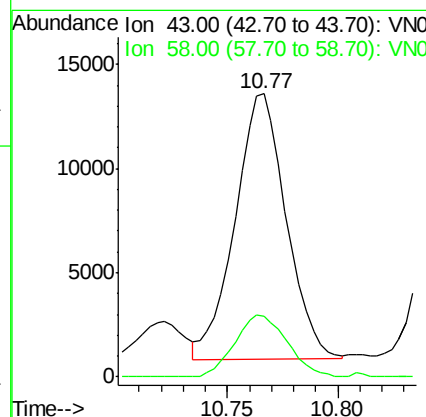
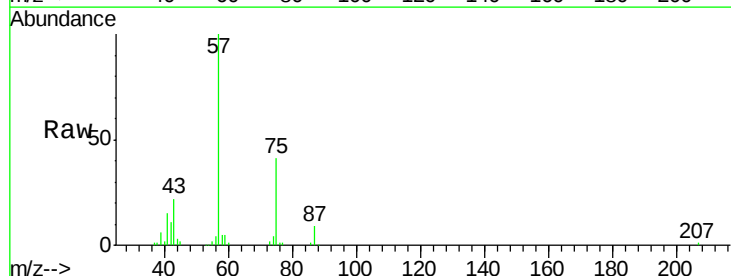
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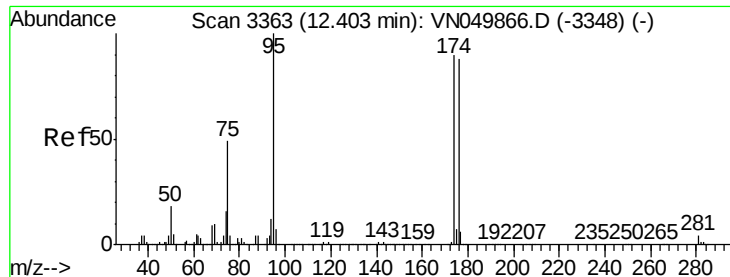
Tot Ion: 98 Resp: 1282595
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#59
2-Hexanone
Concen: 4.24 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049915.D
Acq: 19 Jul 2018 14:41

Tgt Ion: 43 Resp: 20444
Ion Ratio Lower Upper
43 100
58 24.1 27.8 83.4#

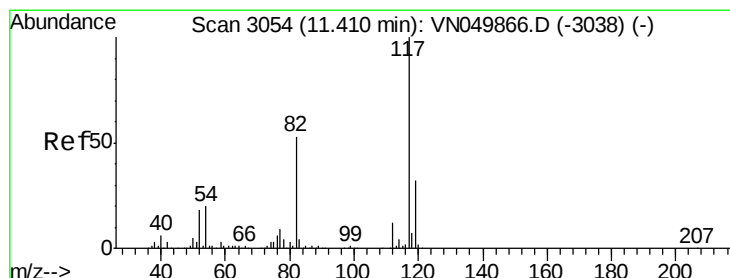
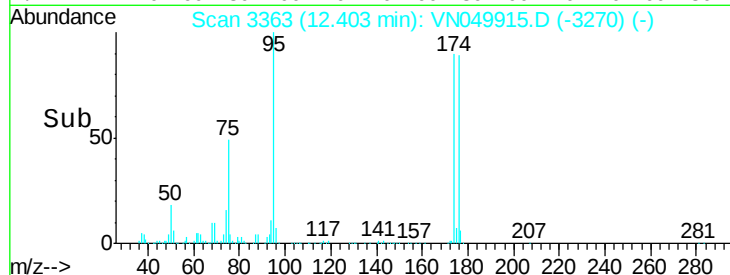
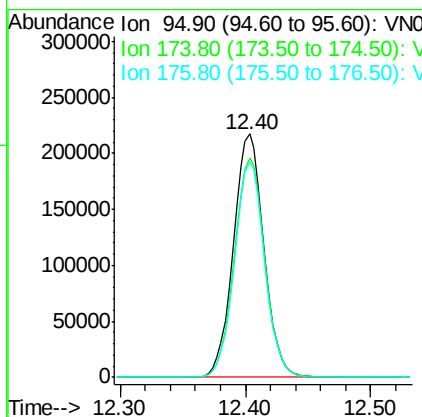
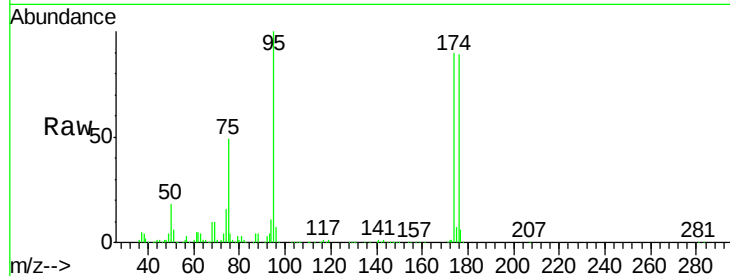




#62
4-Bromofluorobenzene
Concen: 35.99 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049915.D
Acq: 19 Jul 2018 14:41

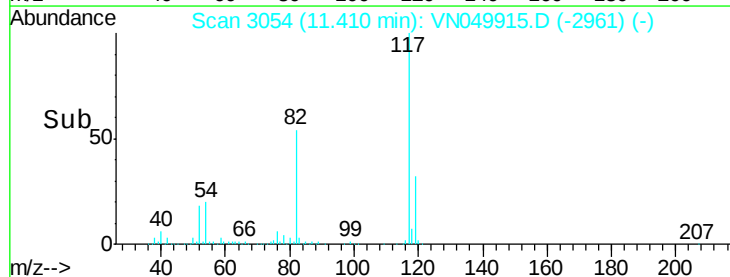
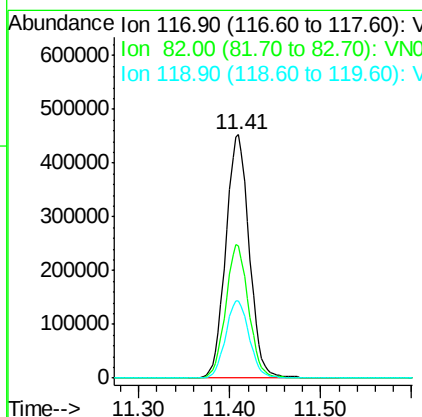
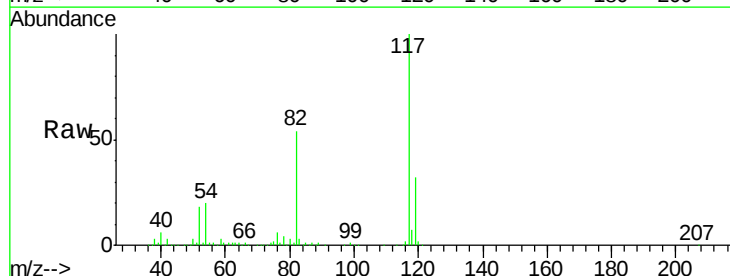
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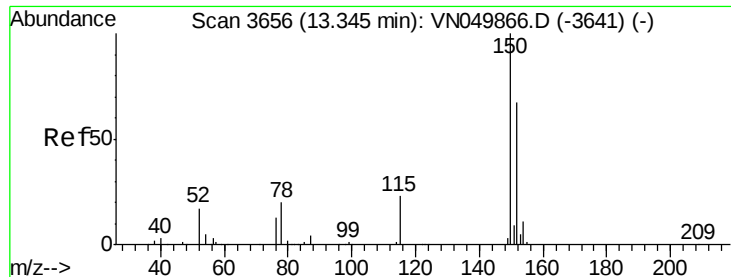
Tot Ion: 95 Resp: 365266
Ion Ratio Lower Upper
95 100
174 90.8 0.0 179.6
176 87.6 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049915.D
Acq: 19 Jul 2018 14:41

Tgt Ion: 117 Resp: 811187
Ion Ratio Lower Upper
117 100
82 54.2 41.9 62.9
119 31.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049915.D

Acq: 19 Jul 2018 14:41

Instrument :

MSVOA_N

ClientSampleId :

PB111251ZHE#02

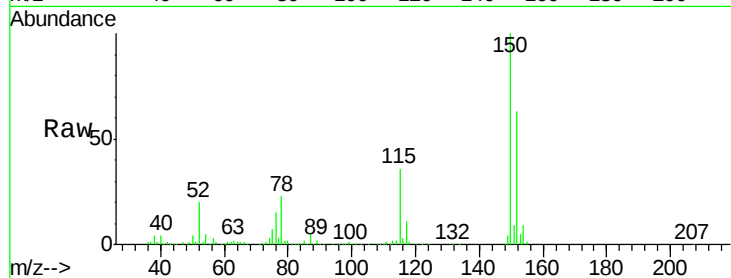
Tot Ion:152 Resp: 305733

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.2

150 158.6 0.0 347.6



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

