

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050150.D
 Acq On : 27 Jul 2018 23:42
 Operator : MD\SY
 Sample : PB111513ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111513ZHE#10

Quant Time: Jul 28 01:29:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	638834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1082205	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	918736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	332426	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	459204	51.52	ug/l	0.00
Spiked Amount						
			Recovery	=	103.04%	
35) Dibromofluoromethane	7.59	113	406373	45.99	ug/l	0.00
Spiked Amount						
			Recovery	=	91.98%	
50) Toluene-d8	10.09	98	1453992	44.76	ug/l	0.00
Spiked Amount						
			Recovery	=	89.52%	
62) 4-Bromofluorobenzene	12.40	95	411004	38.42	ug/l	0.00
Spiked Amount						
			Recovery	=	76.84%	

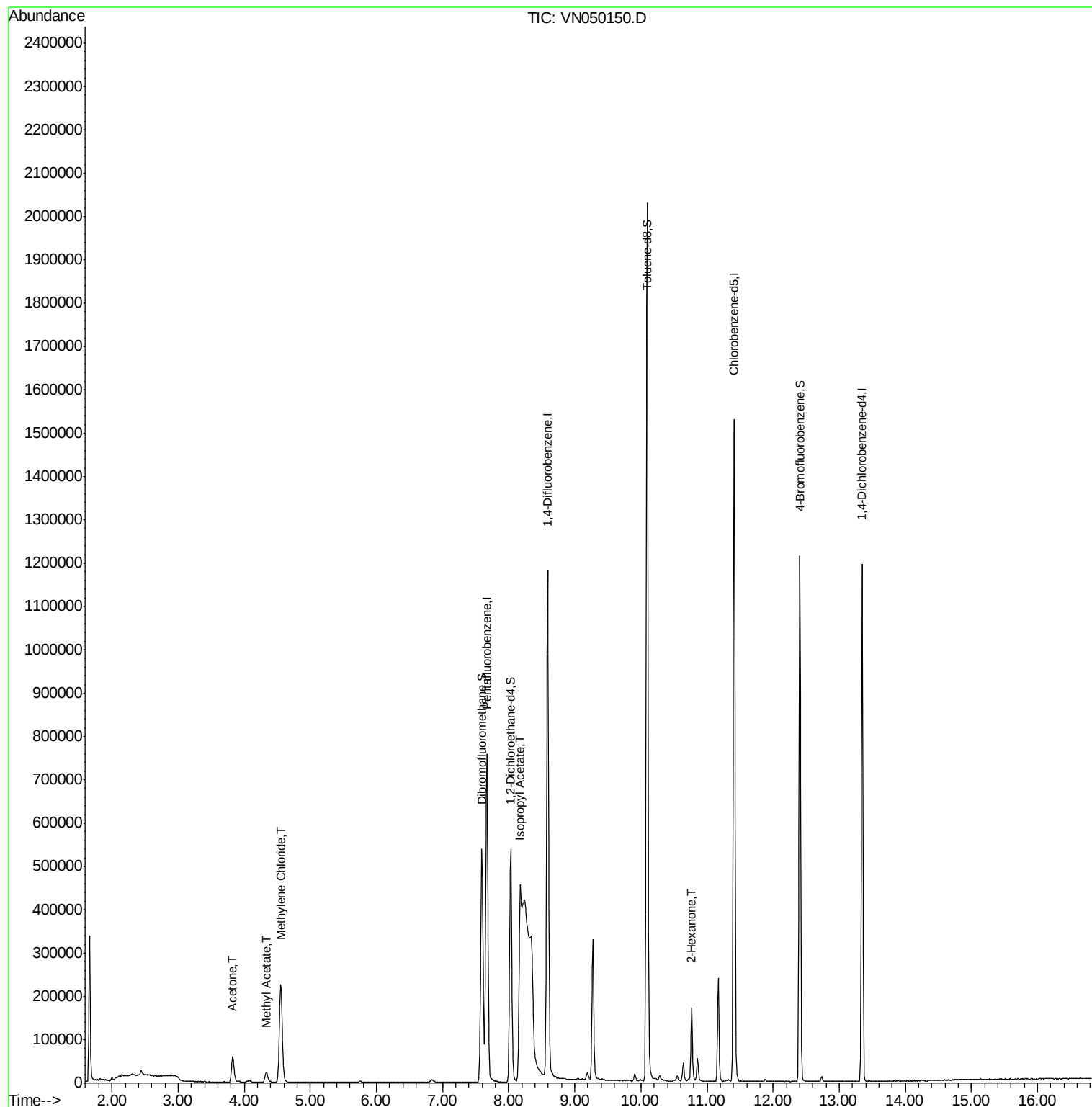
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	100689	44.387	ug/l	98
18) Methyl Acetate	4.33	43	45023	4.015	ug/l	99
20) Methylene Chloride	4.55	84	177623	21.768	ug/l	98
43) Isopropyl Acetate	8.18	43	585221	36.218	ug/l #	82
59) 2-Hexanone	10.77	43	23763	8.964	ug/l #	57

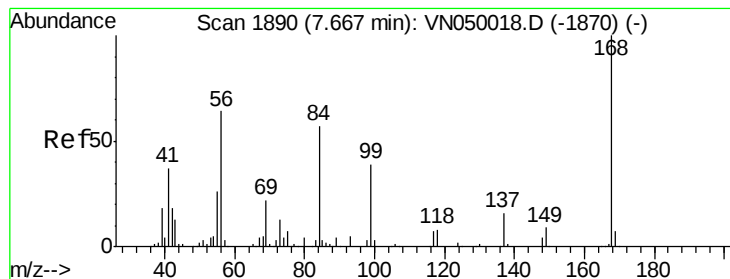
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050150.D

Acq: 27 Jul 2018 23:42

Instrument :

MSVOA_N

ClientSampleId :

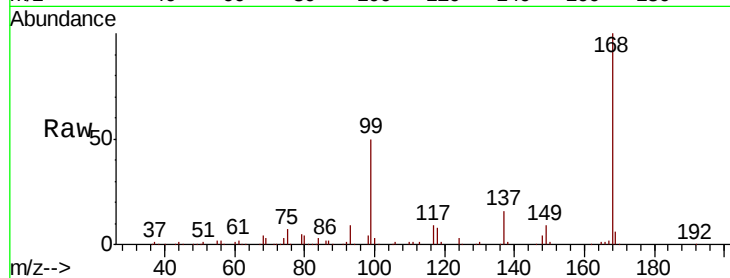
PB111513ZHE#10

Tot Ion:168 Resp: 638834

Ion Ratio Lower Upper

168 100

99 50.2 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

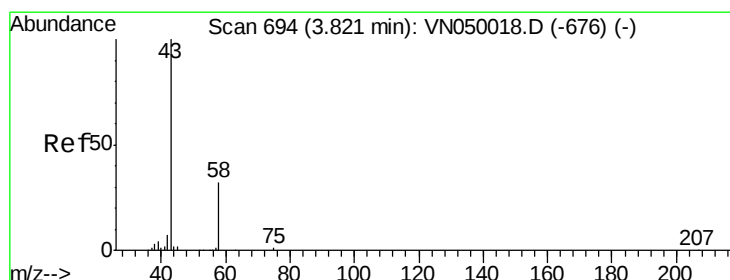
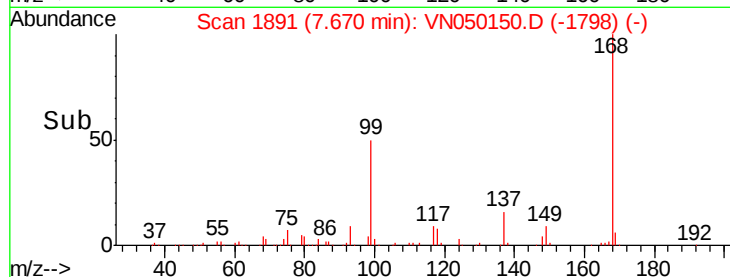
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 44.387 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050150.D

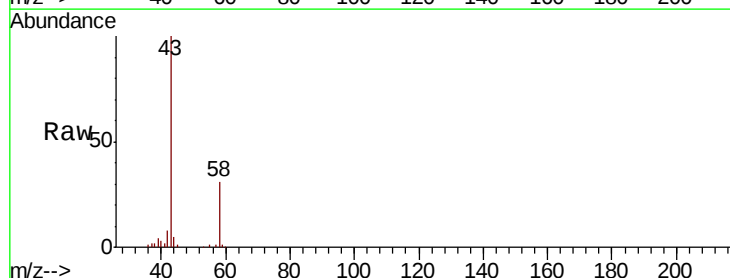
Acq: 27 Jul 2018 23:42

Tgt Ion: 43 Resp: 100689

Ion Ratio Lower Upper

43 100

58 31.0 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

40000

30000

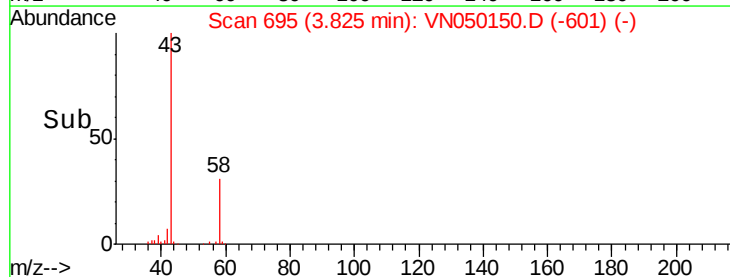
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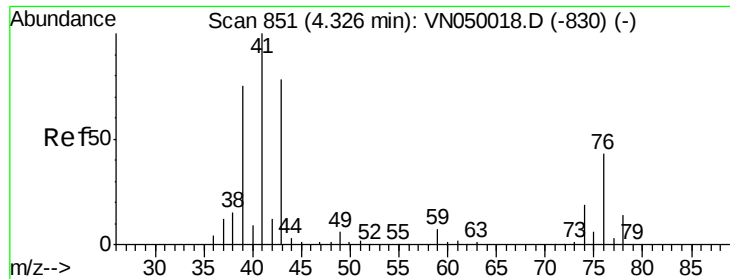
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0

3.70 3.80 3.90

Time-->

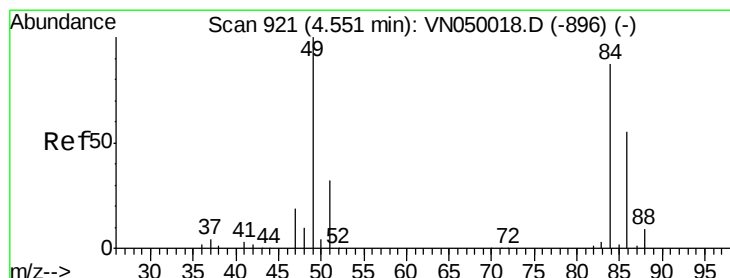
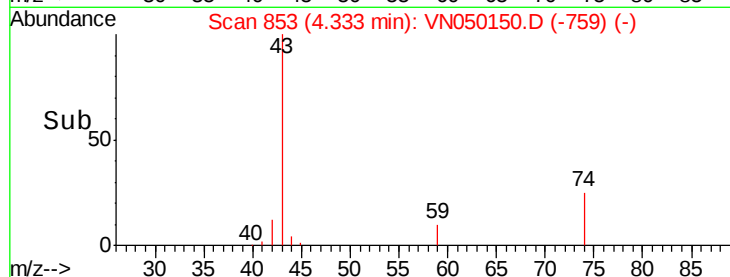
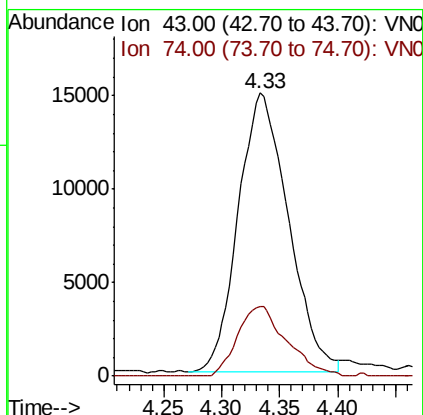
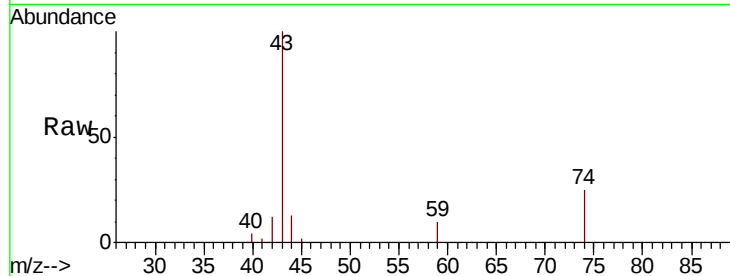




#18
Methvl Acetate
Concen: 4.015 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050150.D
Acq: 27 Jul 2018 23:42

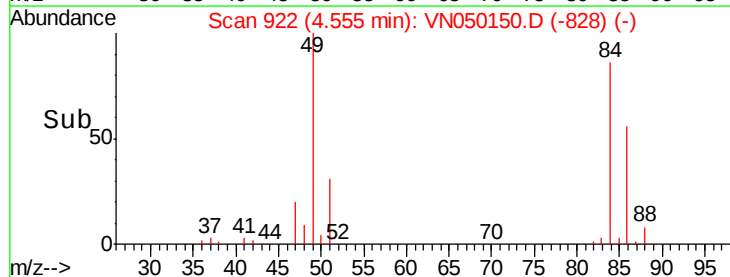
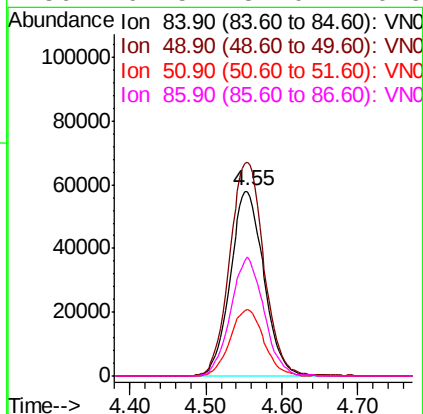
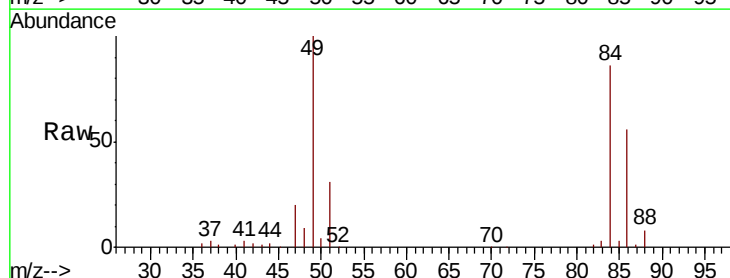
Instrument :
MSVOA_N
ClientSampleId :
PB111513ZHE#10

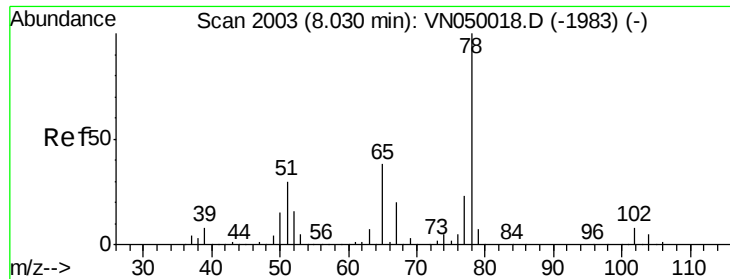
Tot Ion: 43 Resp: 45023
Ion Ratio Lower Upper
43 100
74 24.3 19.2 28.8



#20
Methylene Chloride
Concen: 21.768 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050150.D
Acq: 27 Jul 2018 23:42

Tgt Ion: 84 Resp: 177623
Ion Ratio Lower Upper
84 100
49 115.8 94.8 142.2
51 36.1 28.3 42.5
86 64.5 51.0 76.6

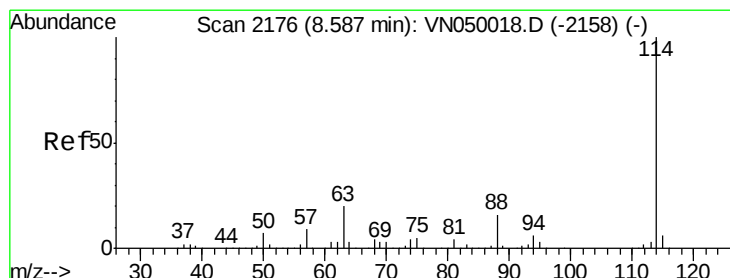
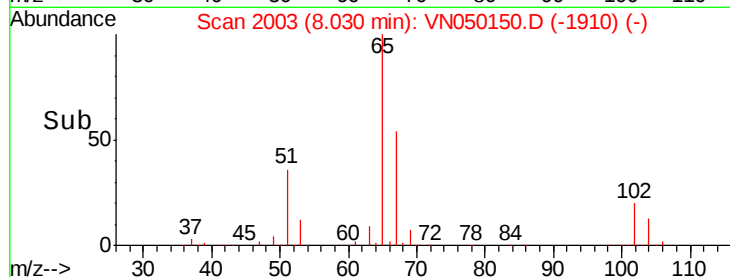
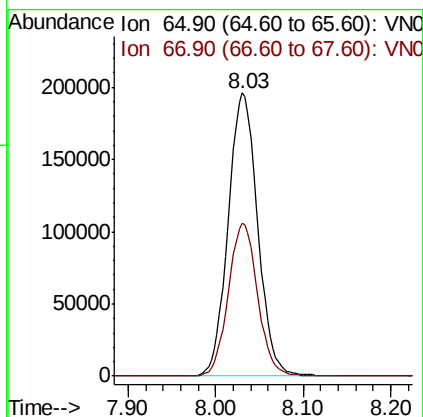
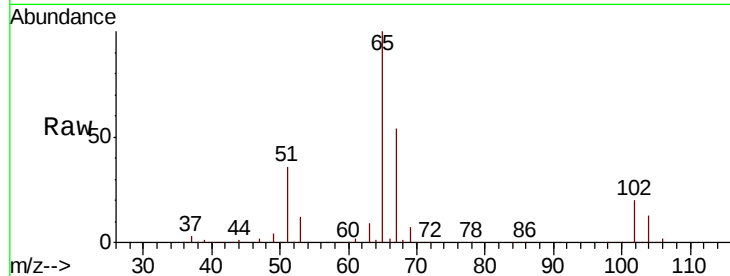




#33
 1,2-Dichloroethane-d4
 Concen: 51.519 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050150.D
 Acq: 27 Jul 2018 23:42

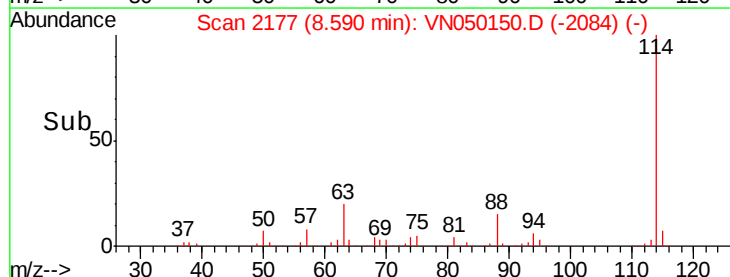
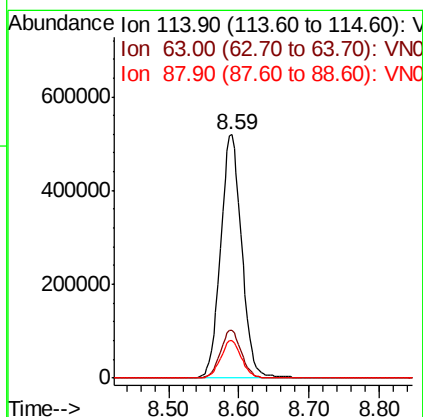
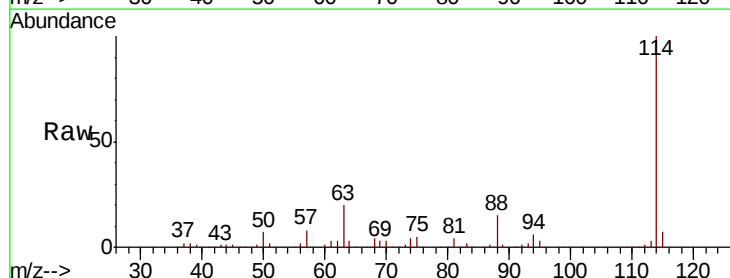
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111513ZHE#10

Tot Ion: 65 Resp: 459204
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050150.D
 Acq: 27 Jul 2018 23:42

Tgt Ion: 114 Resp: 1082205
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.2 0.0 31.2

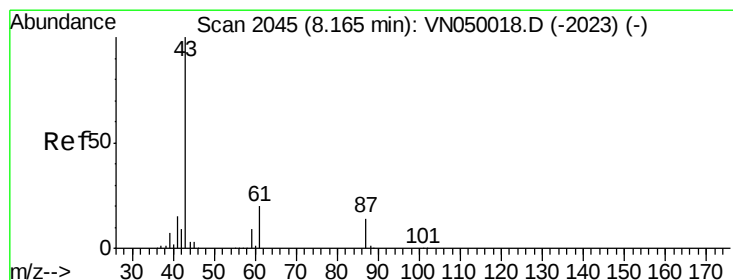
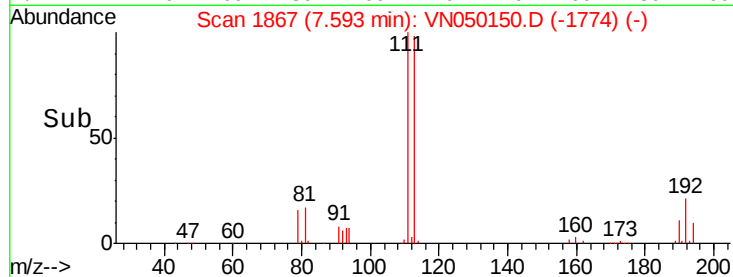
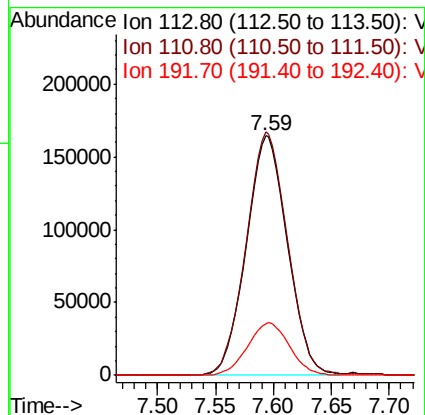
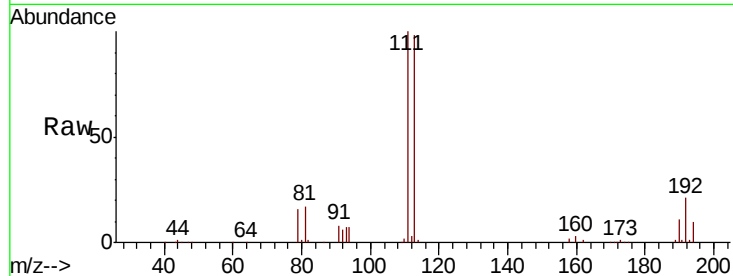




#35
 Dibromofluoromethane
 Concen: 45.991 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050150.D
 Acq: 27 Jul 2018 23:42

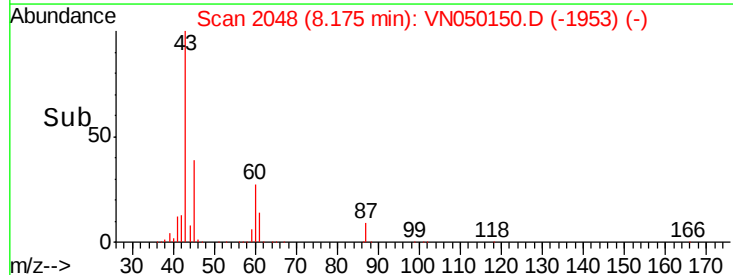
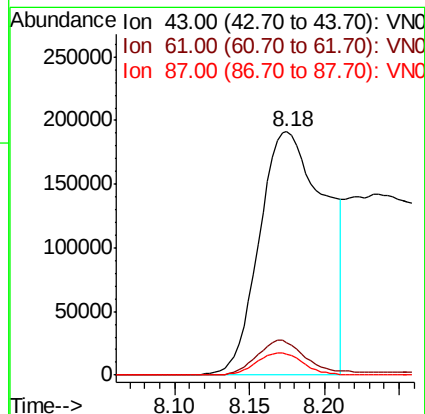
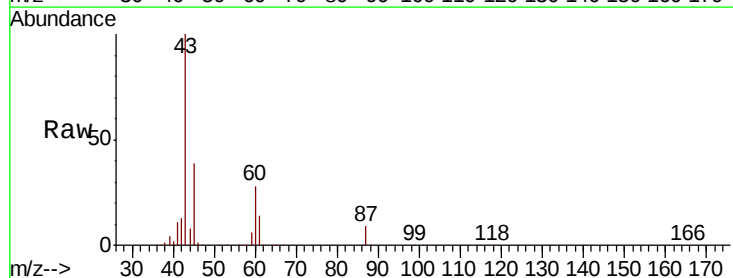
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111513ZHE#10

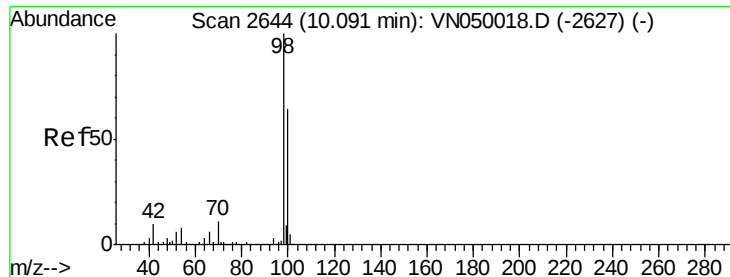
Tot Ion:113 Resp: 406373
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.7 121.1
 192 22.3 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 36.218 ug/l
 RT: 8.18 min Scan# 2048
 Delta R.T. 0.01 min
 Lab File: VN050150.D
 Acq: 27 Jul 2018 23:42

Tgt Ion: 43 Resp: 585221
 Ion Ratio Lower Upper
 43 100
 61 11.1 15.8 23.6#
 87 6.5 10.3 15.5#





#50

Toluene-d8

Concen: 44.760 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050150.D

Acq: 27 Jul 2018 23:42

Instrument :

MSVOA_N

ClientSampleId :

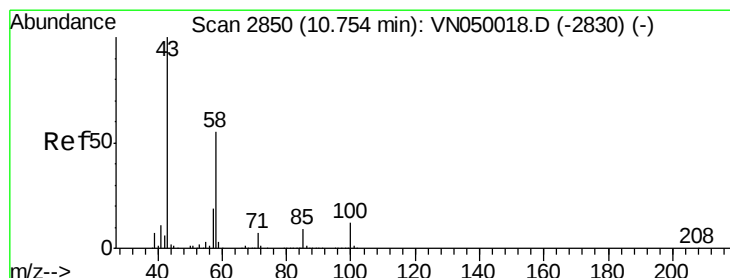
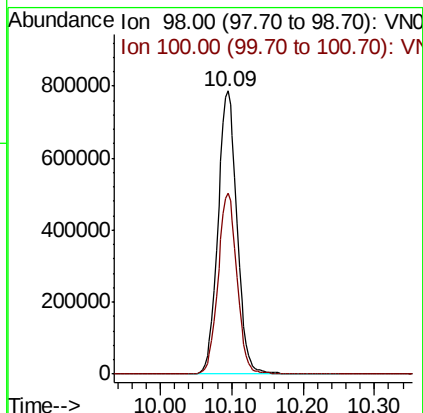
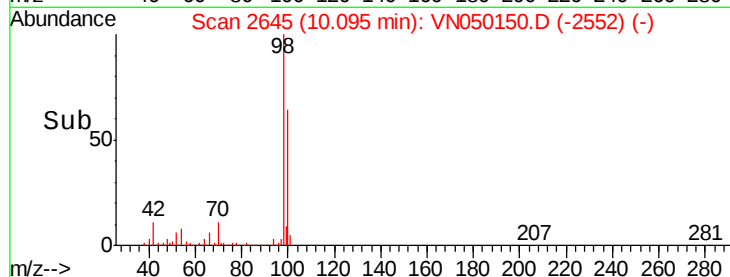
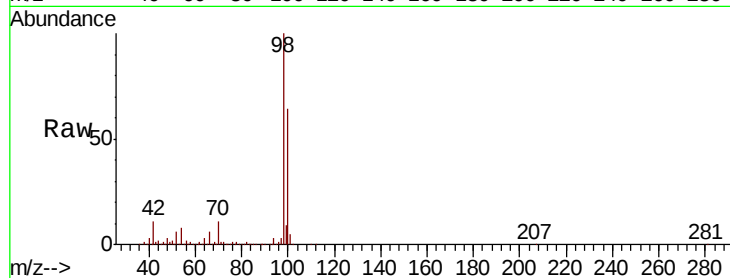
PB111513ZHE#10

Tot Ion: 98 Resp: 1453992

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



#59

2-Hexanone

Concen: 8.964 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050150.D

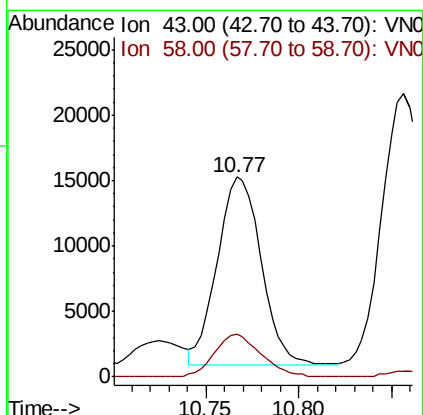
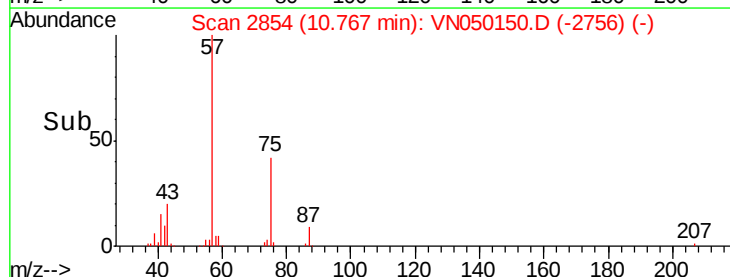
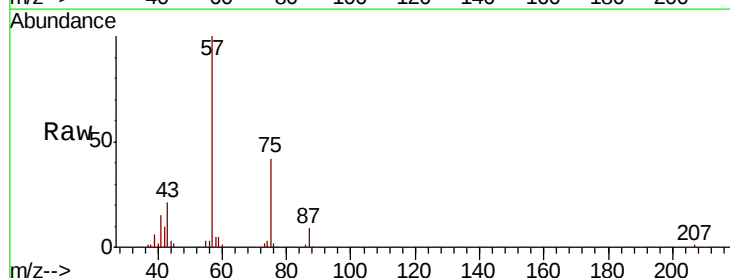
Acq: 27 Jul 2018 23:42

Tgt Ion: 43 Resp: 23763

Ion Ratio Lower Upper

43 100

58 24.2 27.6 82.7#

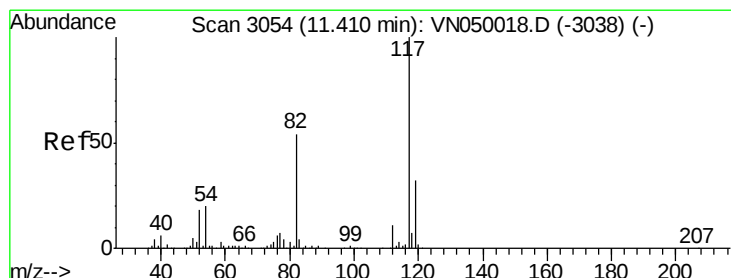
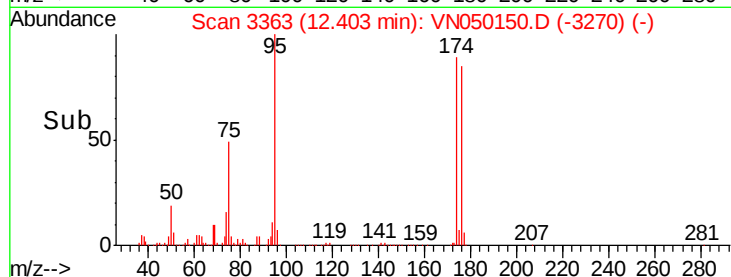
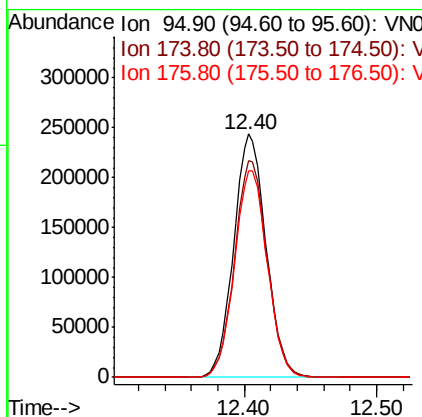
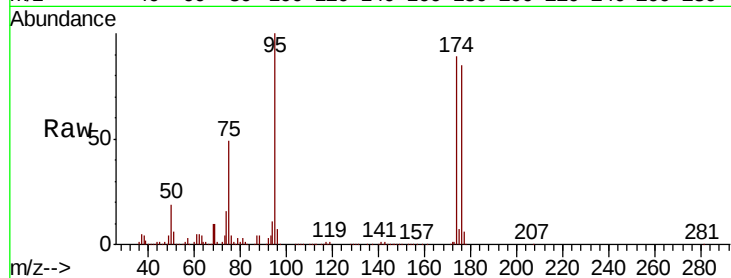




#62
4-Bromofluorobenzene
Concen: 38.425 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050150.D
Acq: 27 Jul 2018 23:42

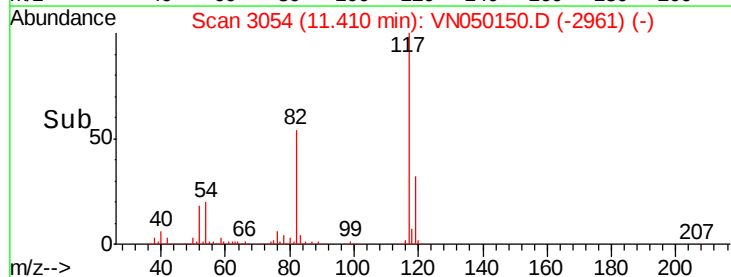
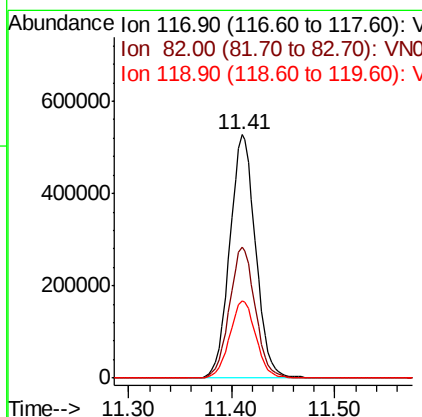
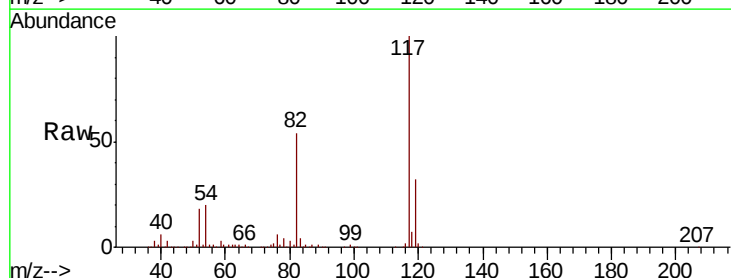
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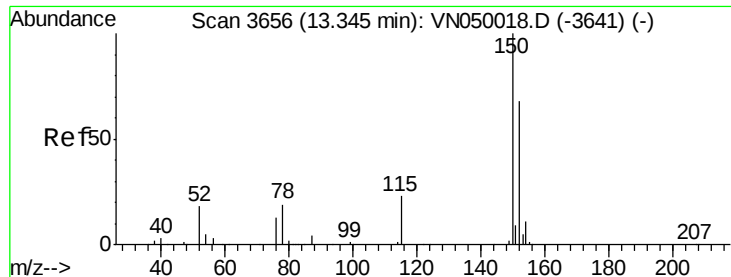
Tot Ion: 95 Resp: 411004
Ion Ratio Lower Upper
95 100
174 90.3 0.0 178.2
176 86.5 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050150.D
Acq: 27 Jul 2018 23:42

Tgt Ion: 117 Resp: 918736
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 31.9 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN050150.D

Acq: 27 Jul 2018 23:42

Instrument :

MSVOA_N

ClientSampleId :

PB111513ZHE#10

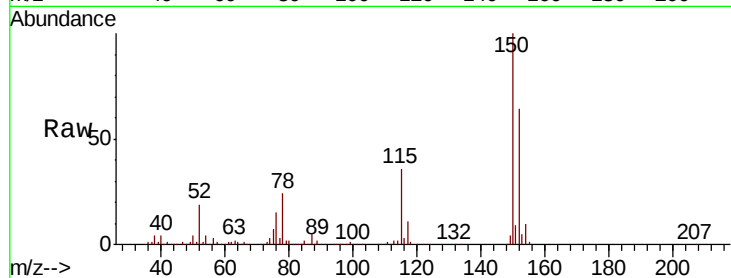
Tot Ion:152 Resp: 332426

Ion Ratio Lower Upper

152 100

115 57.0 27.8 83.3

150 156.7 0.0 348.6



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

