

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072418\
 Data File : VN050030.D
 Acq On : 24 Jul 2018 19:13
 Operator : MD\SY
 Sample : PB111391ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111391ZHE#04

Quant Time: Jul 25 01:16:35 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	600320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1015112	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	839416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	317730	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	444265	53.04	ug/l	0.00
Spiked Amount			Recovery	=	106.08%	
35) Dibromofluoromethane	7.60	113	384728	46.42	ug/l	0.00
Spiked Amount			Recovery	=	92.84%	
50) Toluene-d8	10.09	98	1353209	44.41	ug/l	0.00
Spiked Amount			Recovery	=	88.82%	
62) 4-Bromofluorobenzene	12.41	95	372344	37.11	ug/l	0.00
Spiked Amount			Recovery	=	74.22%	

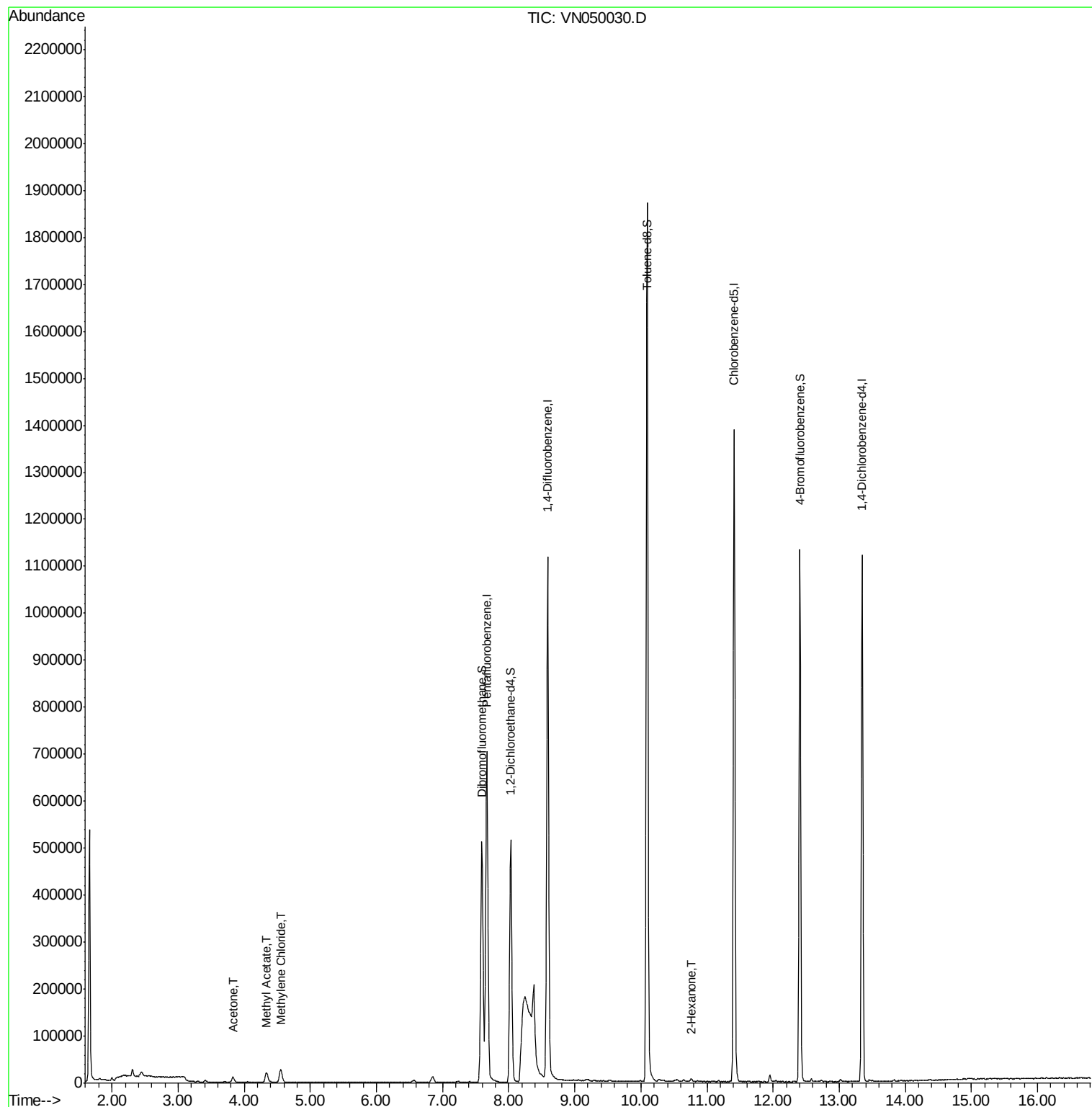
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	19131	5.45	ug/l	96
18) Methyl Acetate	4.33	43	41381	3.89	ug/l	100
20) Methylene Chloride	4.55	84	21654	1.70	ug/l	97
59) 2-Hexanone	10.76	43	4165	5.88	ug/l	91

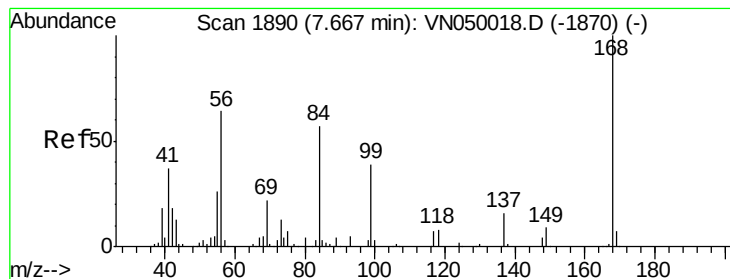
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050030.D

Acq: 24 Jul 2018 19:13

Instrument :

MSVOA_N

ClientSampleId :

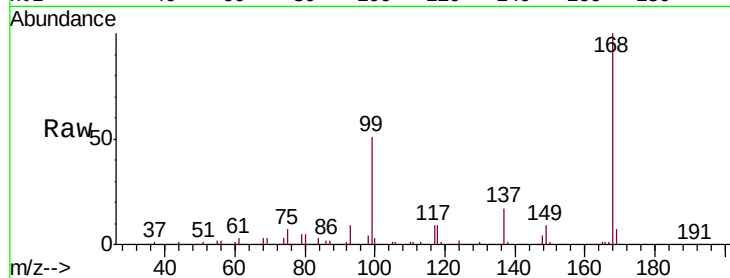
PB111391ZHE#04

Tot Ion:168 Resp: 600320

Ion Ratio Lower Upper

168 100

99 50.9 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

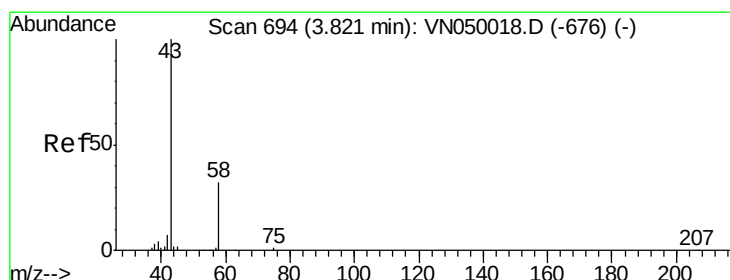
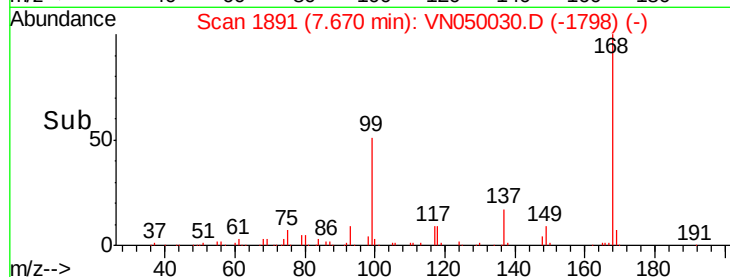
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 5.45 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050030.D

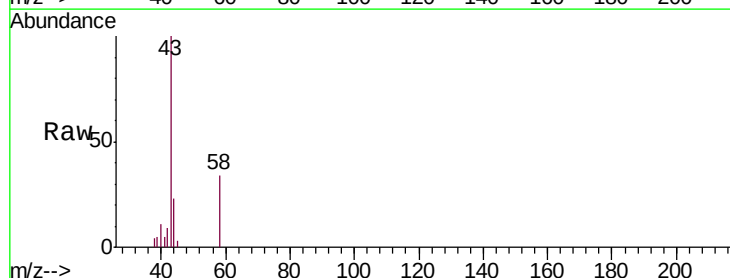
Acq: 24 Jul 2018 19:13

Tgt Ion: 43 Resp: 19131

Ion Ratio Lower Upper

43 100

58 34.3 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

8000

6000

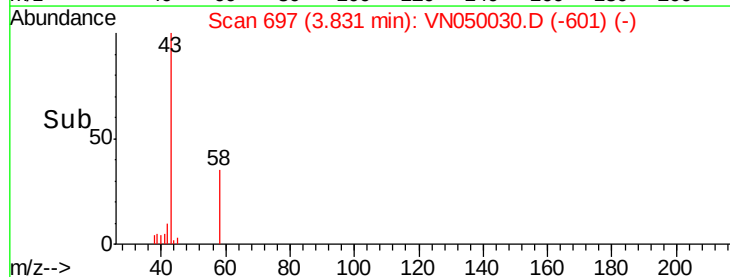
4000

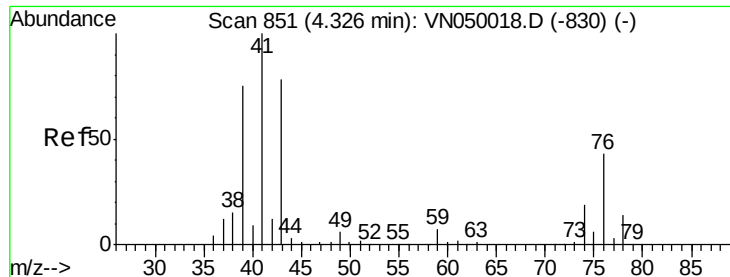
2000

0

Time-->

3.75 3.80 3.85 3.90

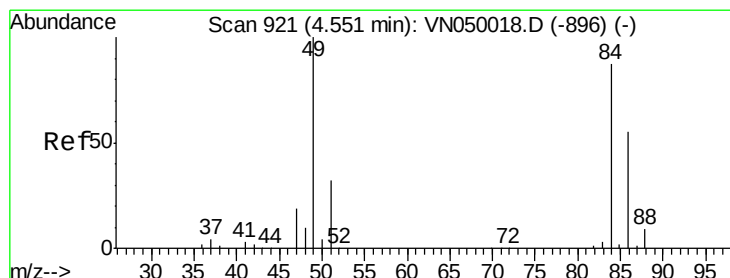
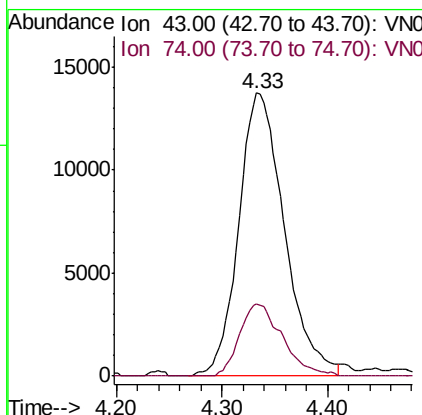
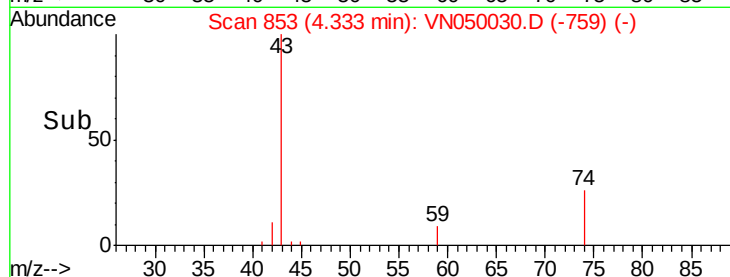
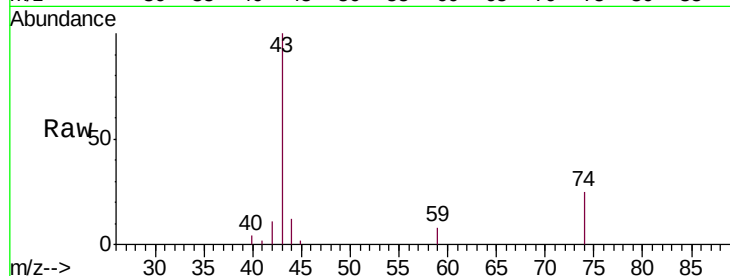




#18
Methyl Acetate
Concen: 3.89 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050030.D
Acq: 24 Jul 2018 19:13

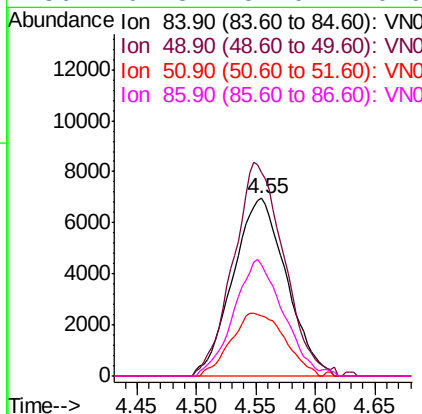
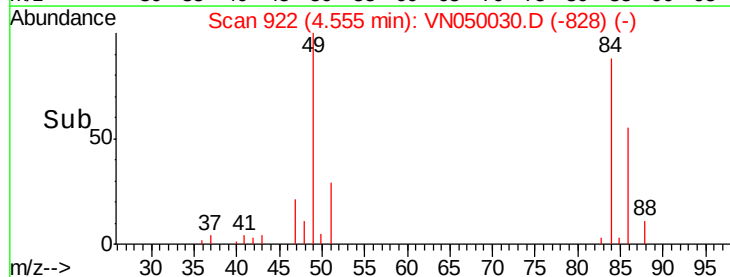
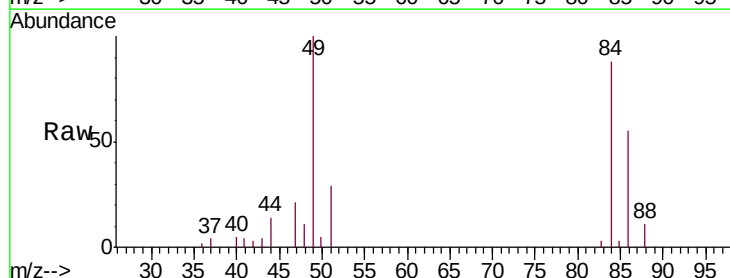
Instrument :
MSVOA_N
ClientSampleId :
PB111391ZHE#04

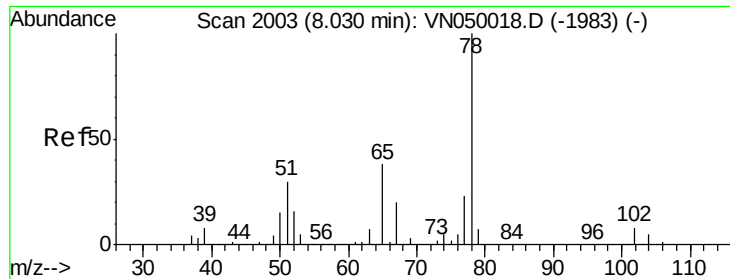
Tot Ion: 43 Resp: 41381
Ion Ratio Lower Upper
43 100
74 24.0 19.2 28.8



#20
Methylene Chloride
Concen: 1.70 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050030.D
Acq: 24 Jul 2018 19:13

Tgt Ion: 84 Resp: 21654
Ion Ratio Lower Upper
84 100
49 114.3 94.8 142.2
51 33.7 28.3 42.5
86 62.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 53.04 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050030.D

Acq: 24 Jul 2018 19:13

Instrument :

MSVOA_N

ClientSampleId :

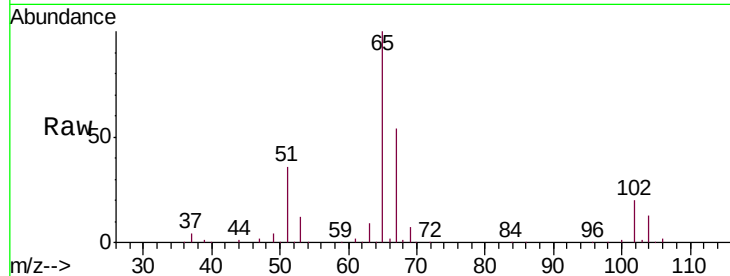
PB111391ZHE#04

Tot Ion: 65 Resp: 444265

Ion Ratio Lower Upper

65 100

67 53.0 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

150000

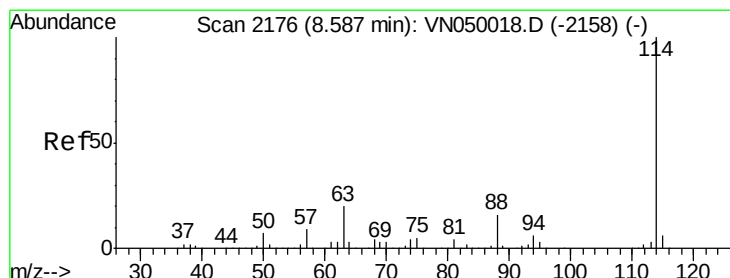
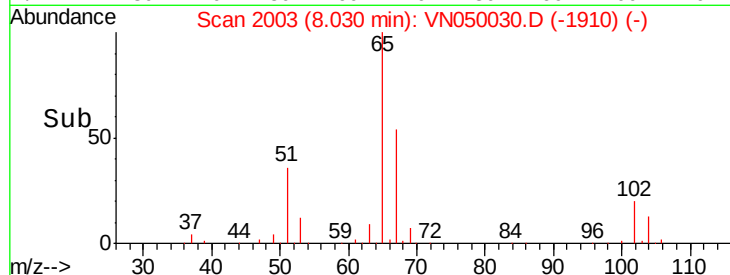
100000

50000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050030.D

Acq: 24 Jul 2018 19:13

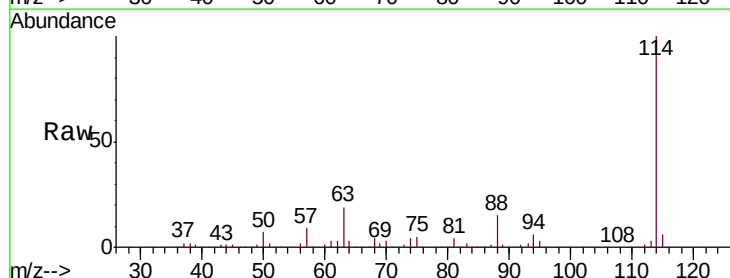
Tgt Ion: 114 Resp: 1015112

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 15.1 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

600000

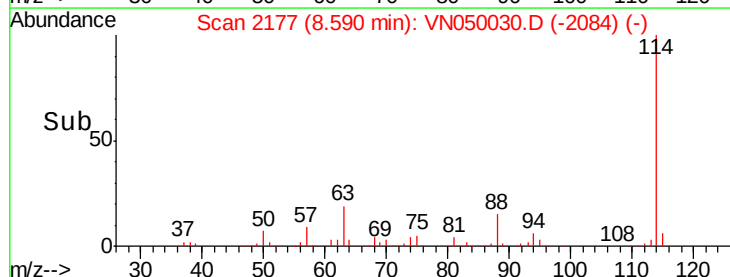
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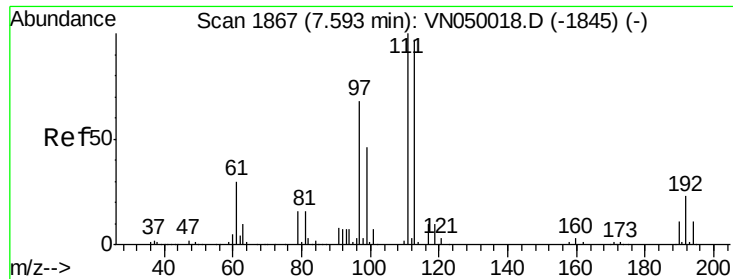
200000

0

Time-->

8.50 8.60 8.70





#35

Dibromofluoromethane

Concen: 46.42 ug/l

RT: 7.60 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN050030.D

Acq: 24 Jul 2018 19:13

Instrument :

MSVOA_N

ClientSampleId :

PB111391ZHE#04

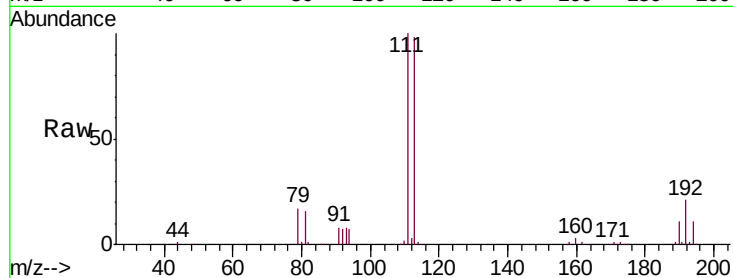
Tot Ion:113 Resp: 384728

Ion Ratio Lower Upper

113 100

111 103.4 80.7 121.1

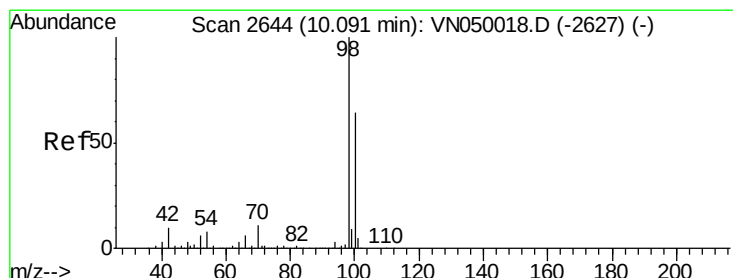
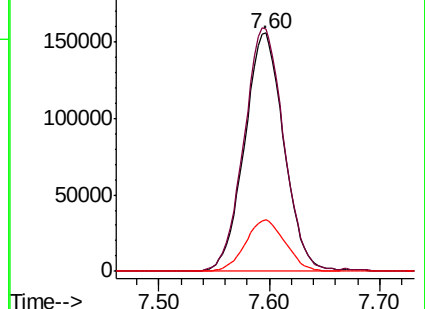
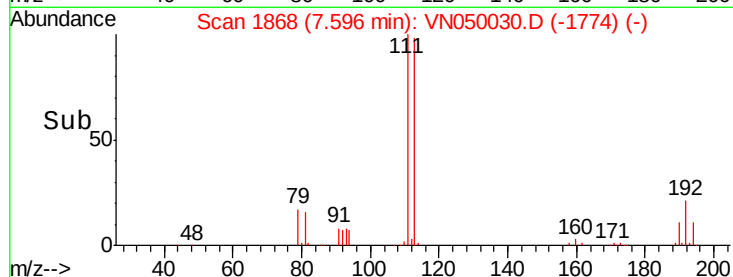
192 22.0 17.8 26.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 44.41 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050030.D

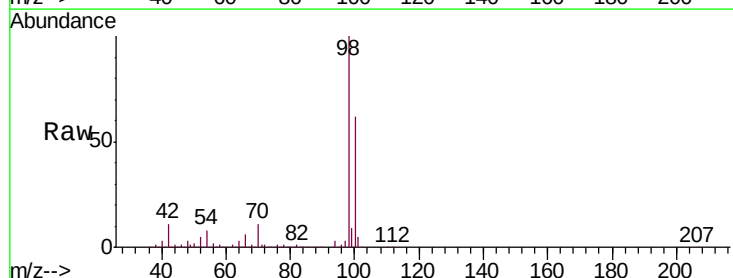
Acq: 24 Jul 2018 19:13

Tgt Ion: 98 Resp: 1353209

Ion Ratio Lower Upper

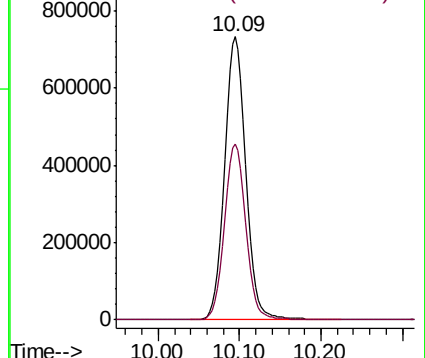
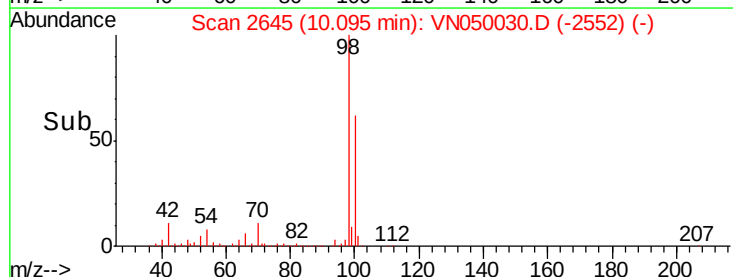
98 100

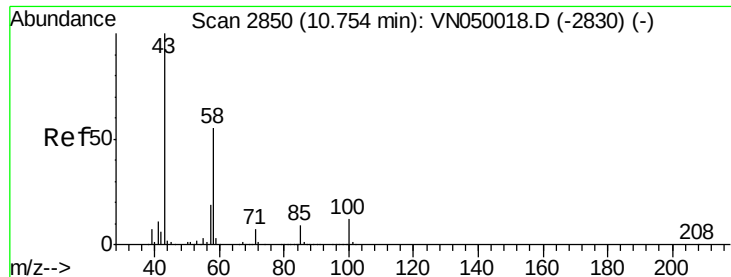
100 62.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

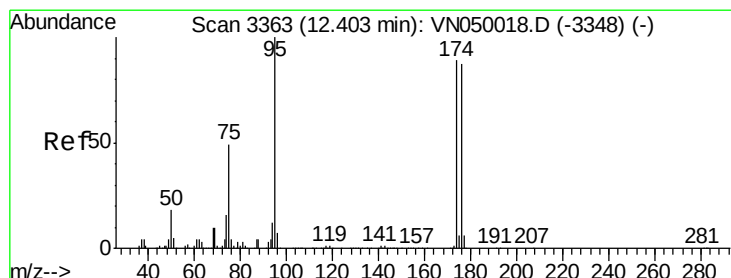
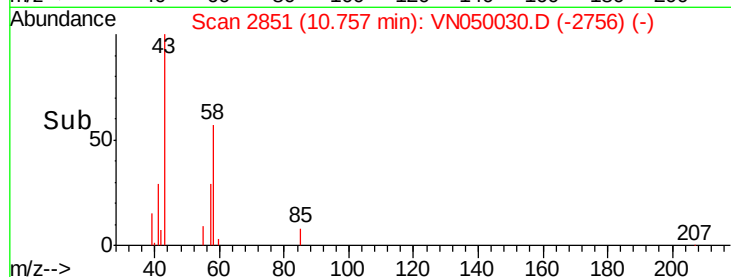
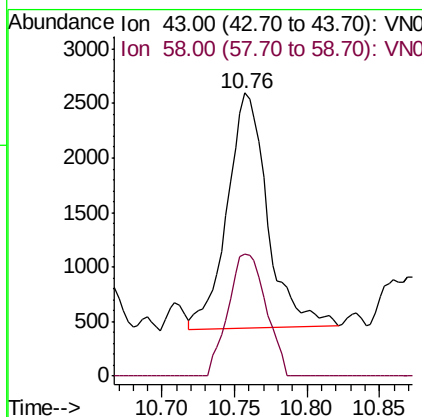
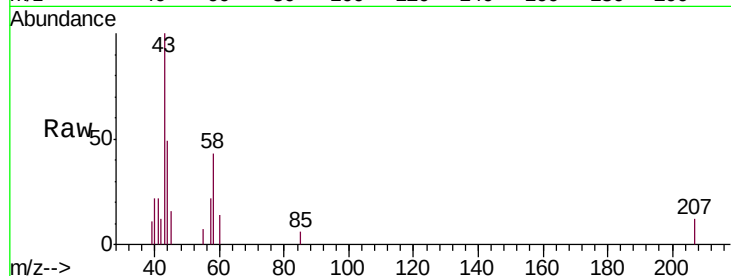




#59
2-Hexanone
Concen: 5.88 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN050030.D
Acq: 24 Jul 2018 19:13

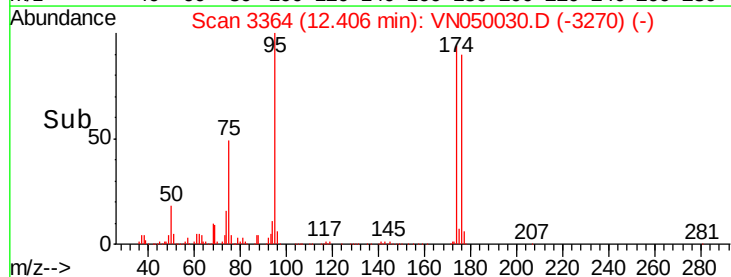
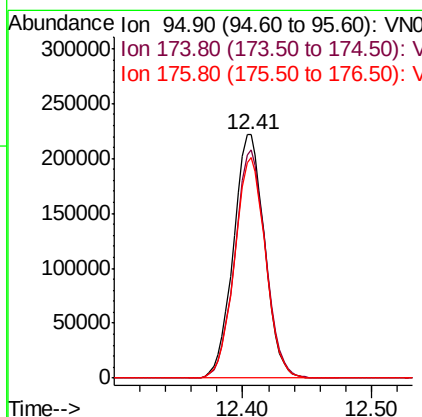
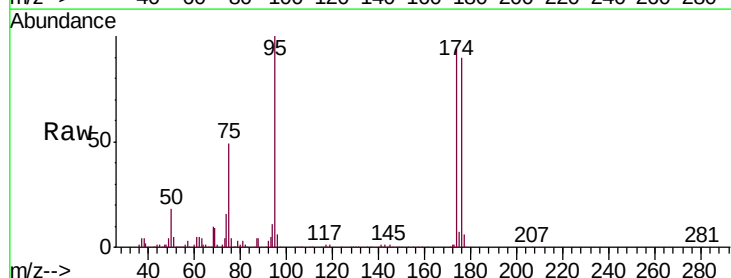
Instrument :
MSVOA_N
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PB111391ZHE#04

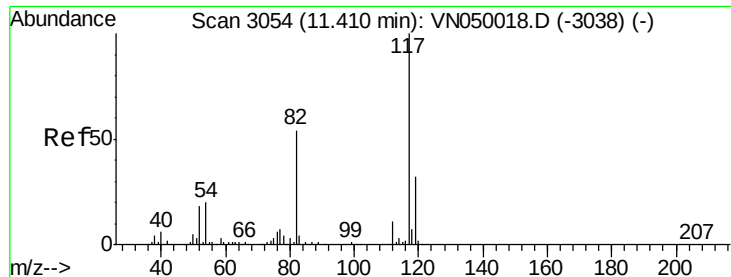
Tot Ion: 43 Resp: 4165
Ion Ratio Lower Upper
43 100
58 48.8 27.6 82.7



#62
4-Bromofluorobenzene
Concen: 37.11 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN050030.D
Acq: 24 Jul 2018 19:13

Tgt Ion: 95 Resp: 372344
Ion Ratio Lower Upper
95 100
174 92.6 0.0 178.2
176 89.7 0.0 173.4

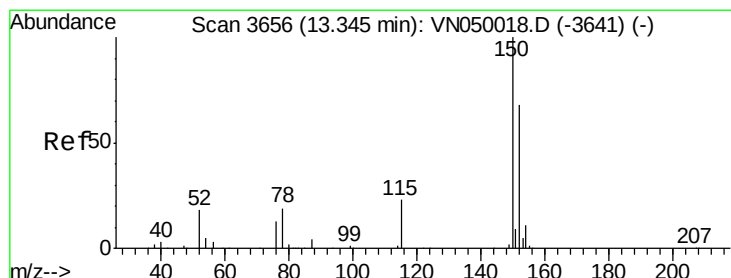
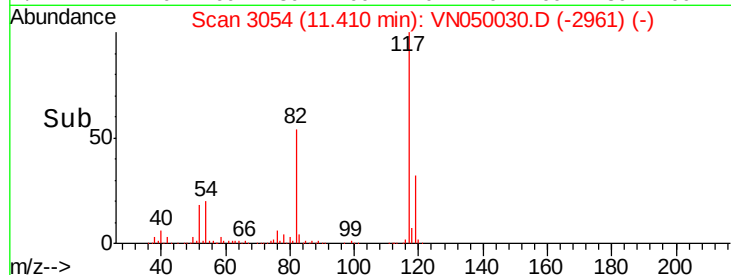
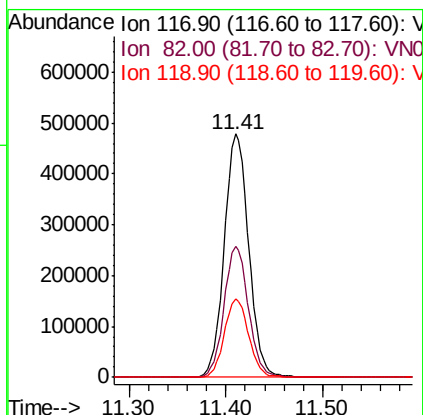
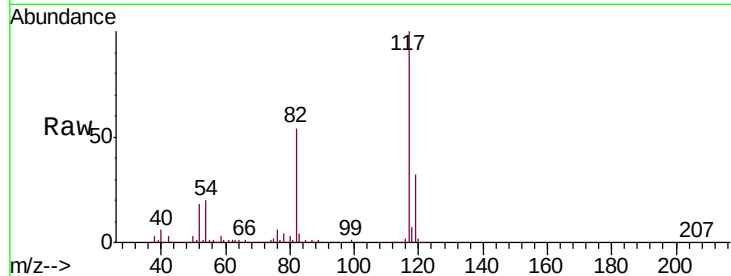




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050030.D
Acq: 24 Jul 2018 19:13

Instrument :
MSVOA_N
ClientSampleId :
PB111391ZHE#04

Tot Ion:117 Resp: 839416
Ion Ratio Lower Upper
117 100
82 53.7 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: VN050030.D
Acq: 24 Jul 2018 19:13

Tgt Ion:152 Resp: 317730
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.3
150 156.5 0.0 348.6

