

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072418\
 Data File : VN050028.D
 Acq On : 24 Jul 2018 18:23
 Operator : MD\SY
 Sample : PB111391TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111391TB

Quant Time: Jul 25 01:10:50 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	605678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	990022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	829762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	306773	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	436240	51.62	ug/l	0.00
Spiked Amount			Recovery	=	103.24%	
35) Dibromofluoromethane	7.60	113	382843	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	
50) Toluene-d8	10.09	98	1346167	45.30	ug/l	0.00
Spiked Amount			Recovery	=	90.60%	
62) 4-Bromofluorobenzene	12.41	95	366200	37.42	ug/l	0.00
Spiked Amount			Recovery	=	74.84%	

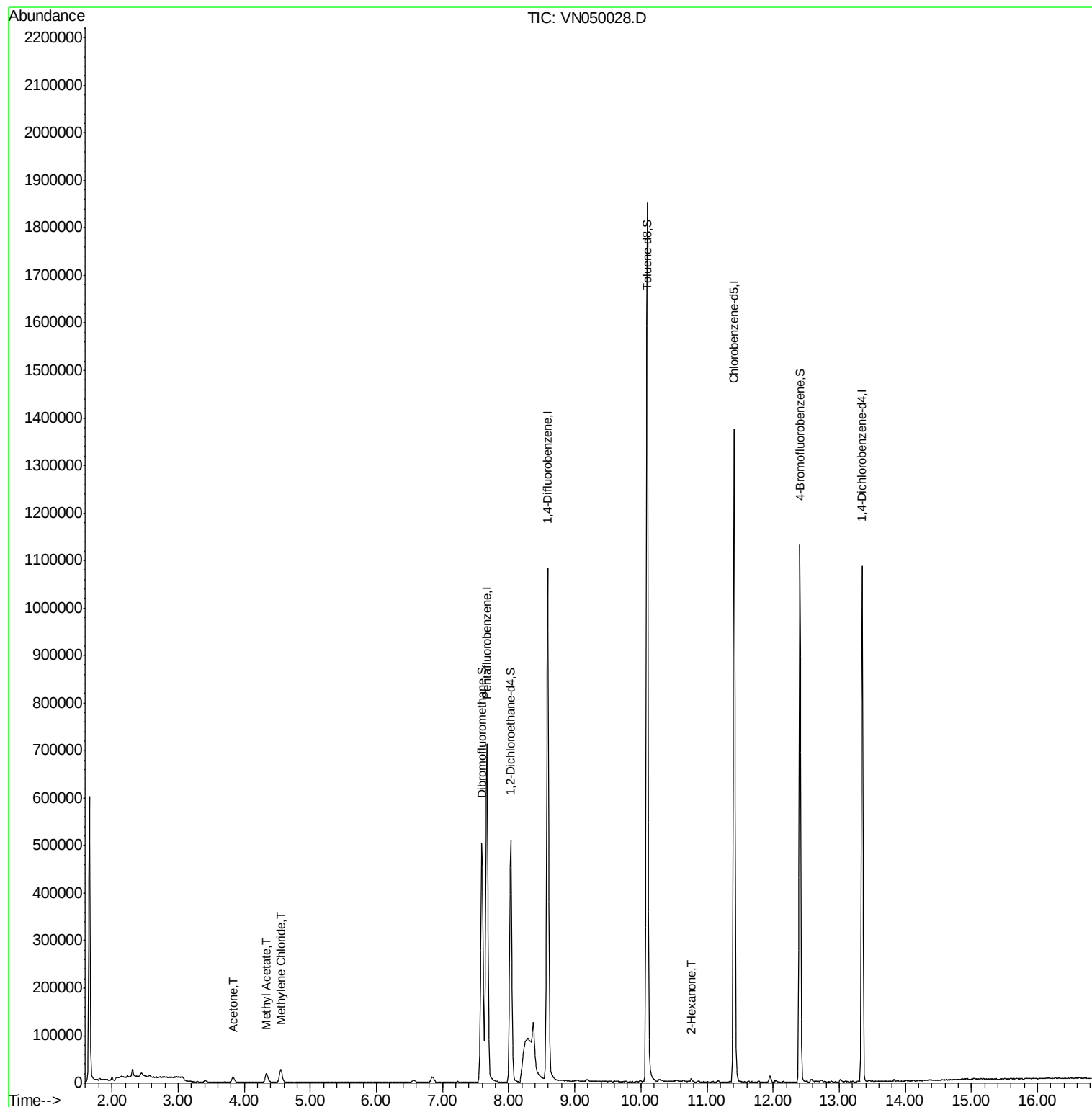
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	18974	5.28	ug/l	95
18) Methyl Acetate	4.33	43	37435	3.31	ug/l	94
20) Methylene Chloride	4.55	84	20638	1.54	ug/l	97
59) 2-Hexanone	10.76	43	5082	6.06	ug/l	74

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

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Quant Title : SW846 8260
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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: VN050028.D

Acq: 24 Jul 2018 18:23

Instrument :

MSVOA_N

ClientSampleId :

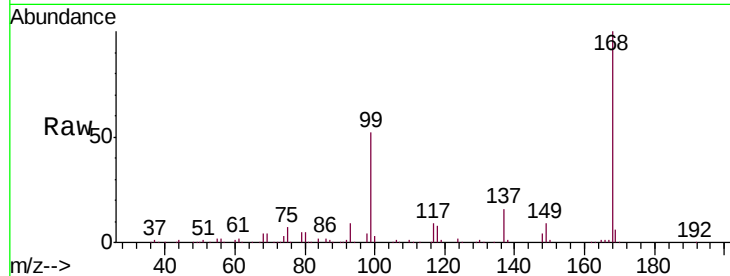
PB111391TB

Tot Ion:168 Resp: 605678

Ion Ratio Lower Upper

168 100

99 52.0 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

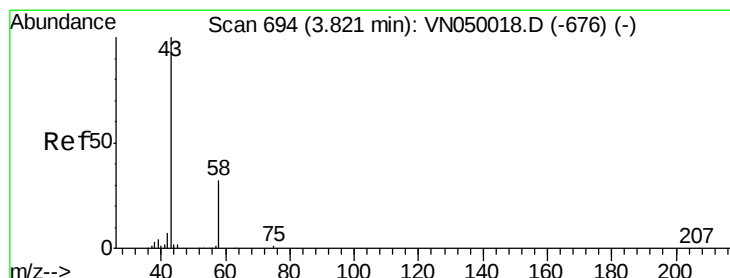
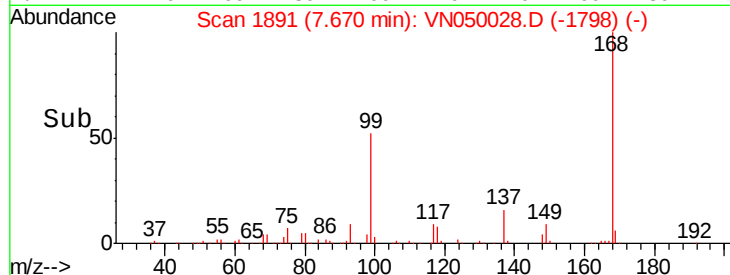
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.28 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050028.D

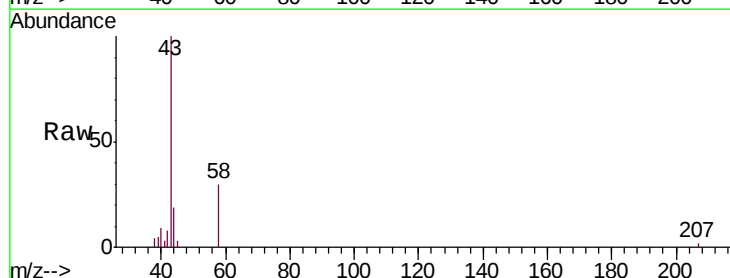
Acq: 24 Jul 2018 18:23

Tgt Ion: 43 Resp: 18974

Ion Ratio Lower Upper

43 100

58 29.7 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

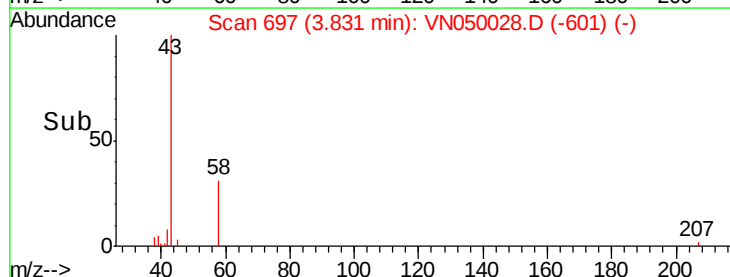
6000

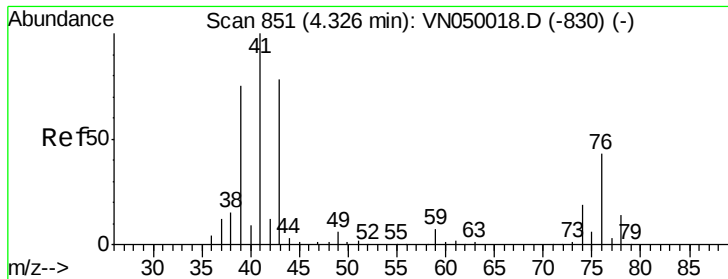
4000

2000

0

Time-->

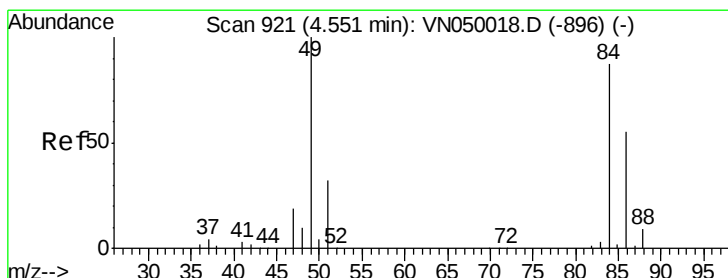
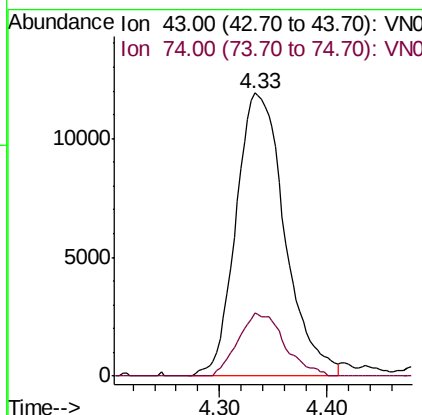
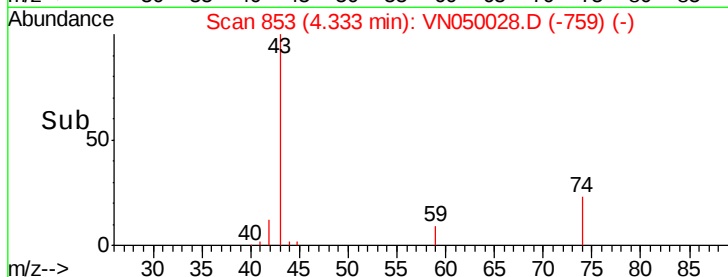
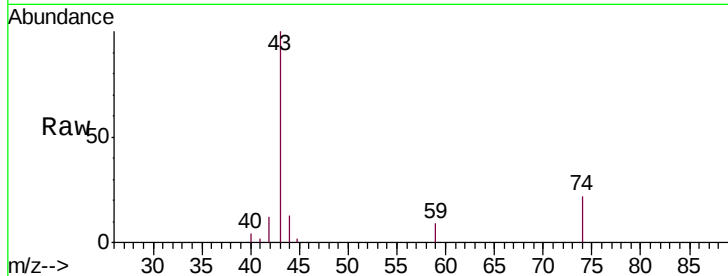




#18
Methyl Acetate
Concen: 3.31 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050028.D
Acq: 24 Jul 2018 18:23

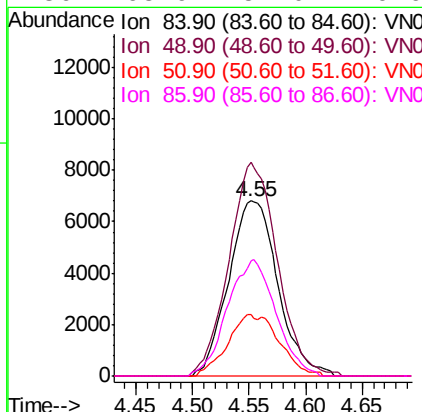
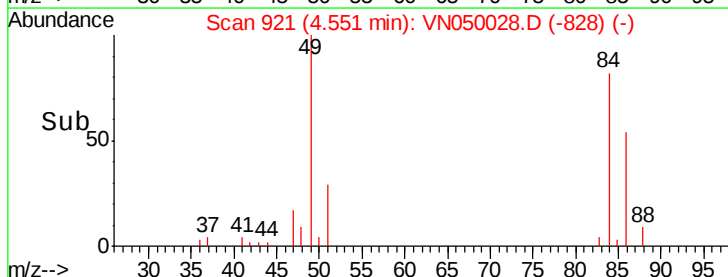
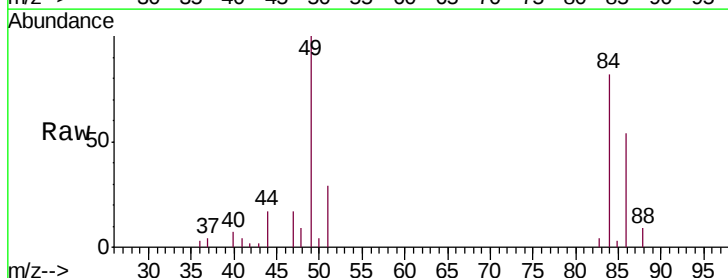
Instrument :
MSVOA_N
ClientSampled :
PB111391TB

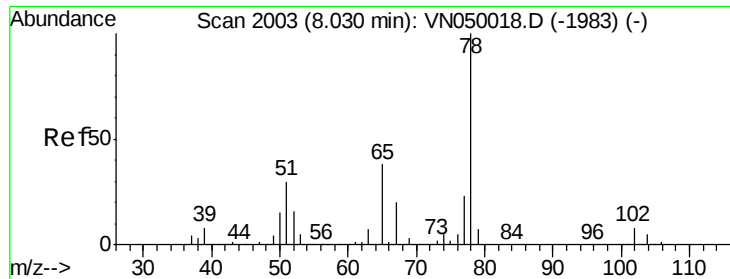
Tot Ion: 43 Resp: 37435
Ion Ratio Lower Upper
43 100
74 21.2 19.2 28.8



#20
Methylene Chloride
Concen: 1.54 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050028.D
Acq: 24 Jul 2018 18:23

Tgt Ion: 84 Resp: 20638
Ion Ratio Lower Upper
84 100
49 122.2 94.8 142.2
51 35.0 28.3 42.5
86 65.9 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 51.62 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050028.D

Acq: 24 Jul 2018 18:23

Instrument :

MSVOA_N

ClientSampleId :

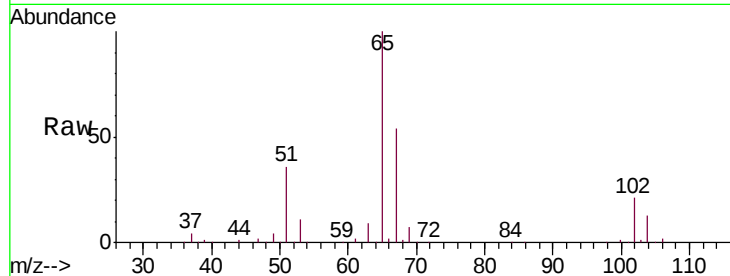
PB111391TB

Tot Ion: 65 Resp: 436240

Ion Ratio Lower Upper

65 100

67 53.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050018.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050018.D (-1983) (-)

8.03

200000

150000

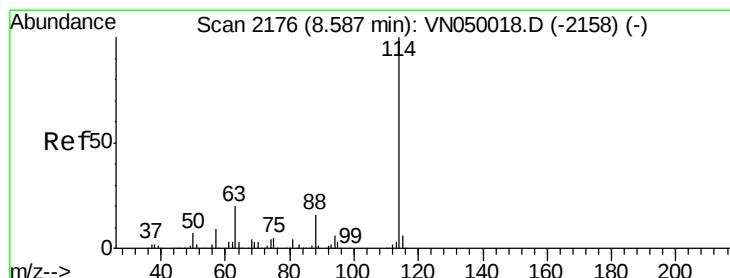
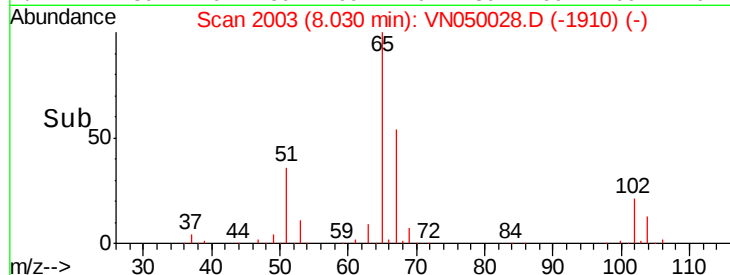
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050028.D

Acq: 24 Jul 2018 18:23

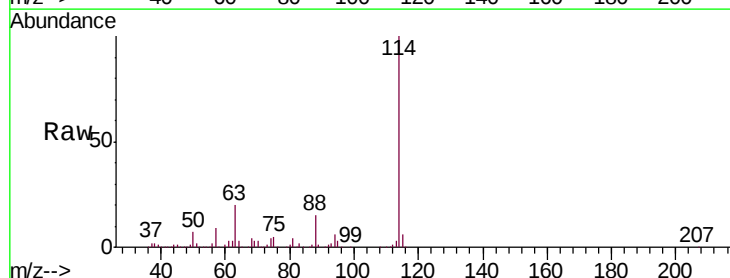
Tgt Ion: 114 Resp: 990022

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.2 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN050018.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN050018.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN050018.D (-2158) (-)

8.59

600000

500000

400000

300000

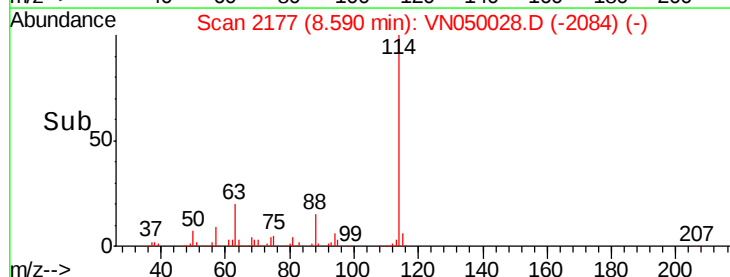
200000

100000

0

8.50 8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 47.36 ug/l

RT: 7.60 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN050028.D

Acq: 24 Jul 2018 18:23

Instrument :

MSVOA_N

ClientSampleId :

PB111391TB

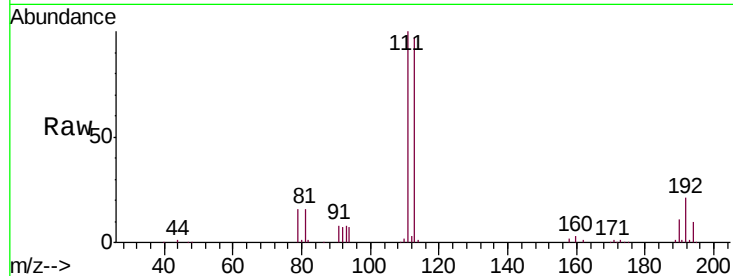
Tot Ion:113 Resp: 382843

Ion Ratio Lower Upper

113 100

111 103.6 80.7 121.1

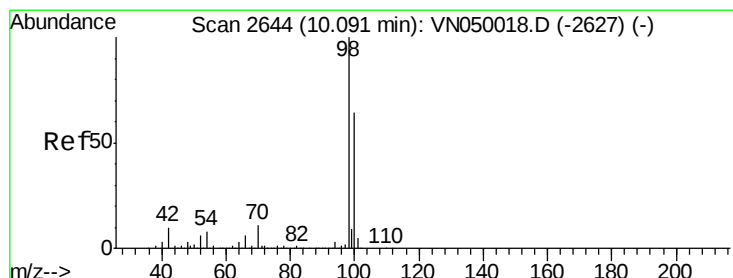
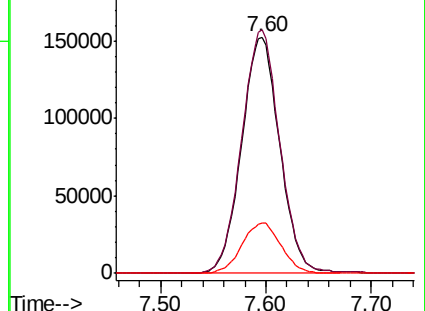
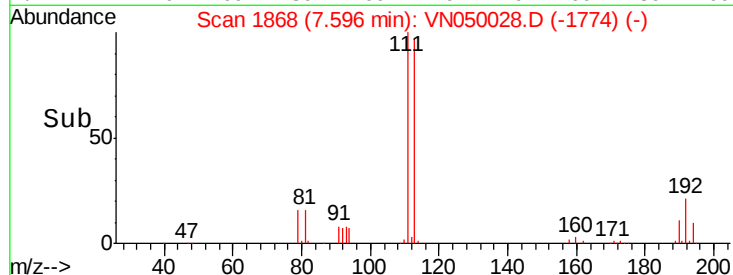
192 21.9 17.8 26.6



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: 45.30 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050028.D

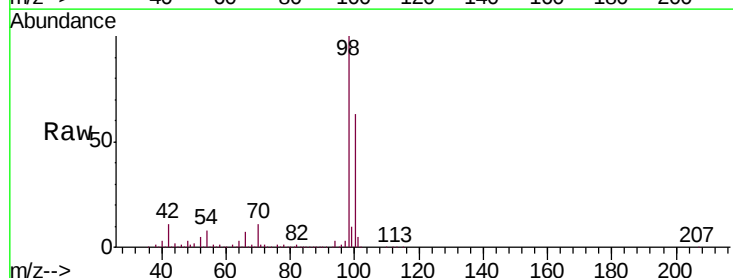
Acq: 24 Jul 2018 18:23

Tgt Ion: 98 Resp: 1346167

Ion Ratio Lower Upper

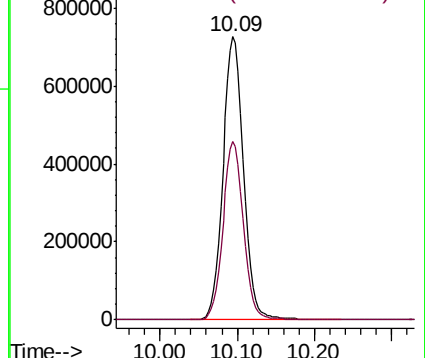
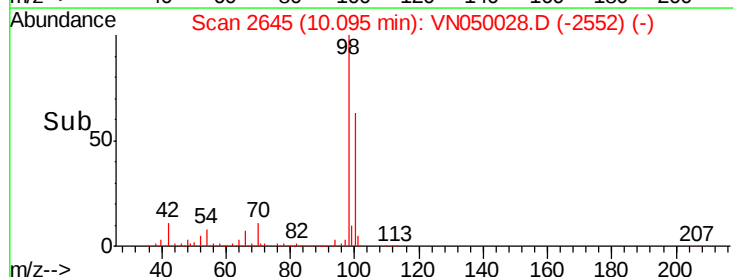
98 100

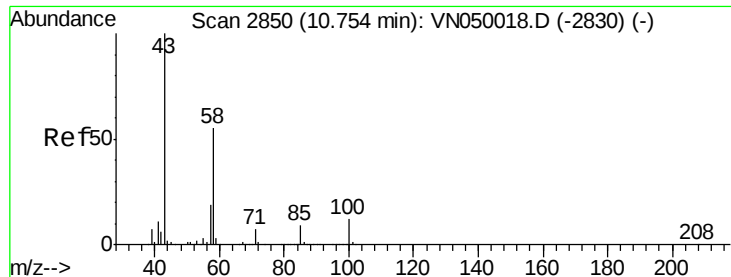
100 62.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

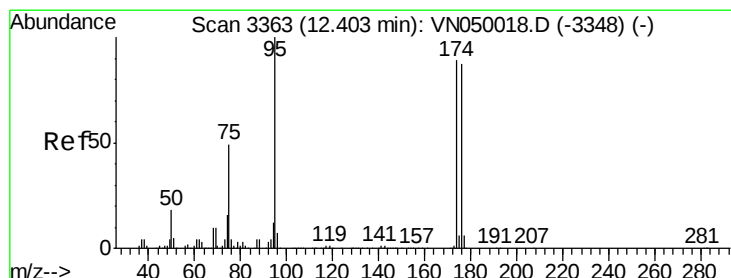
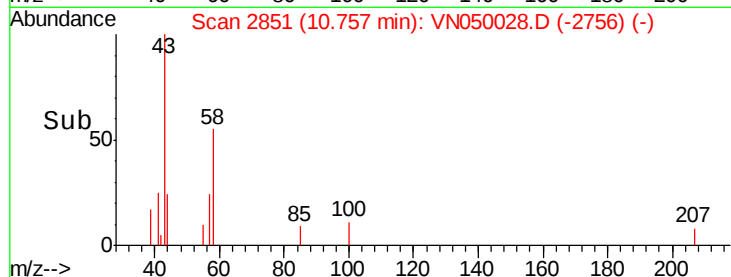
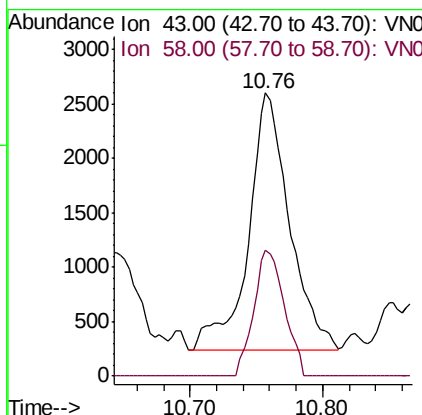
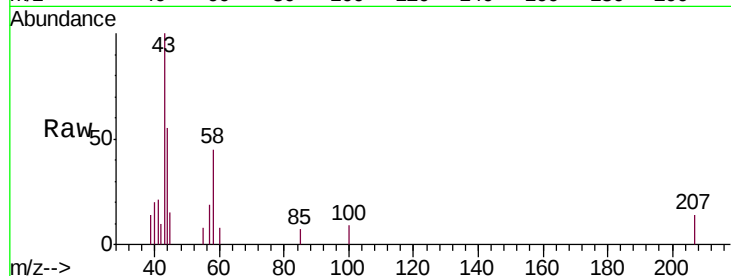




#59
2-Hexanone
Concen: 6.06 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN050028.D
Acq: 24 Jul 2018 18:23

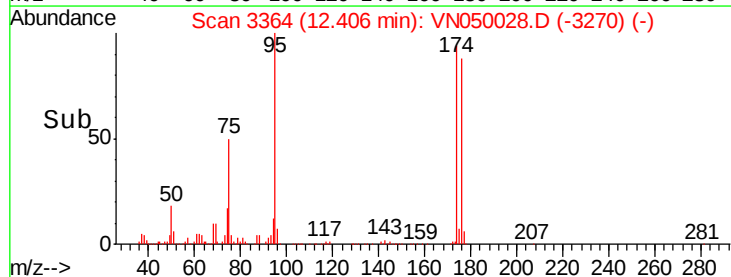
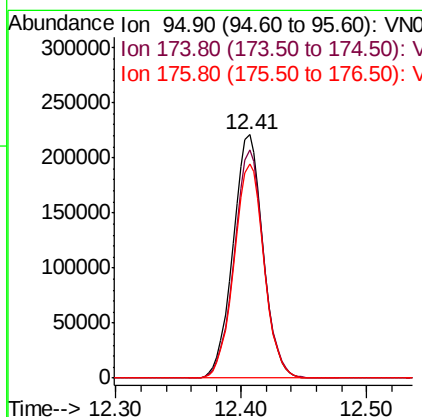
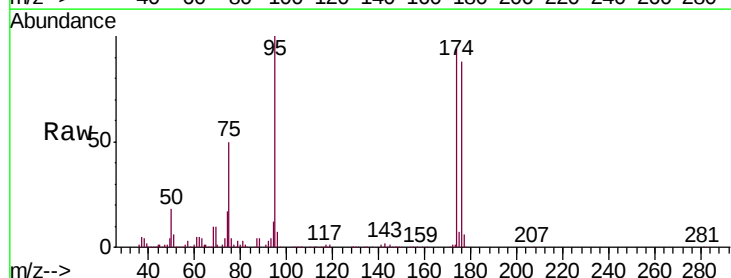
Instrument :
MSVOA_N
ClientSampleId :
PB111391TB

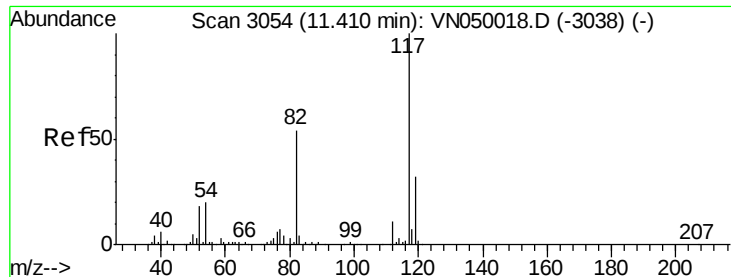
Tot Ion: 43 Resp: 5082
Ion Ratio Lower Upper
43 100
58 36.3 27.6 82.7



#62
4-Bromofluorobenzene
Concen: 37.42 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN050028.D
Acq: 24 Jul 2018 18:23

Tgt Ion: 95 Resp: 366200
Ion Ratio Lower Upper
95 100
174 92.7 0.0 178.2
176 88.2 0.0 173.4

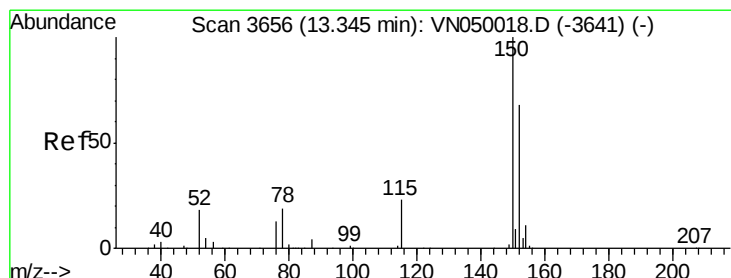
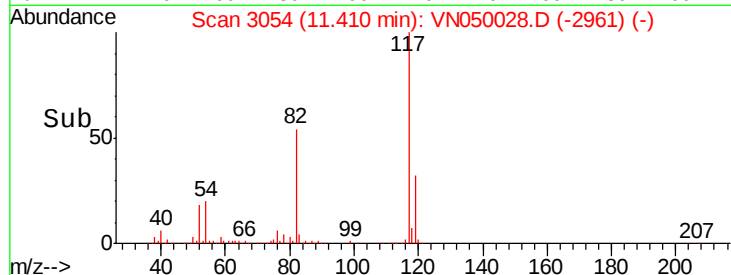
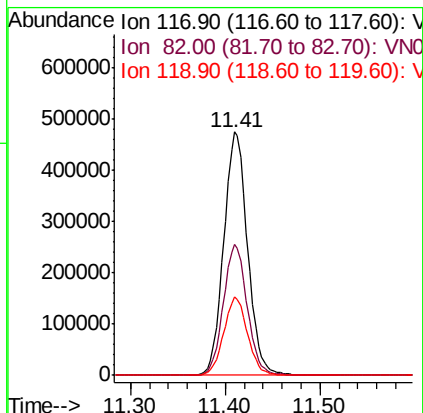
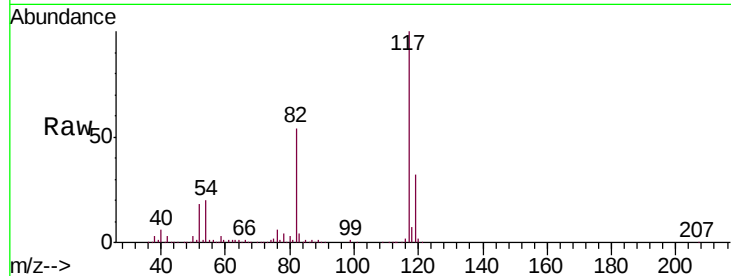




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050028.D
Acq: 24 Jul 2018 18:23

Instrument :
MSVOA_N
ClientSampleId :
PB111391TB

Tot Ion:117 Resp: 829762
Ion Ratio Lower Upper
117 100
82 53.6 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: VN050028.D
Acq: 24 Jul 2018 18:23

Tgt Ion:152 Resp: 306773
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.3
150 155.1 0.0 348.6

