

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071718\
 Data File : VN049853.D
 Acq On : 17 Jul 2018 18:18
 Operator : MD\SY
 Sample : PB111173ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111173ZHE#01

Quant Time: Jul 18 11:37:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 13:20:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	608966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	950002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	836471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	327977	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	415148	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
35) Dibromofluoromethane	7.59	113	365769	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	
50) Toluene-d8	10.09	98	1312451	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	
62) 4-Bromofluorobenzene	12.40	95	376287	40.61	ug/l	0.00
Spiked Amount			Recovery	=	81.22%	

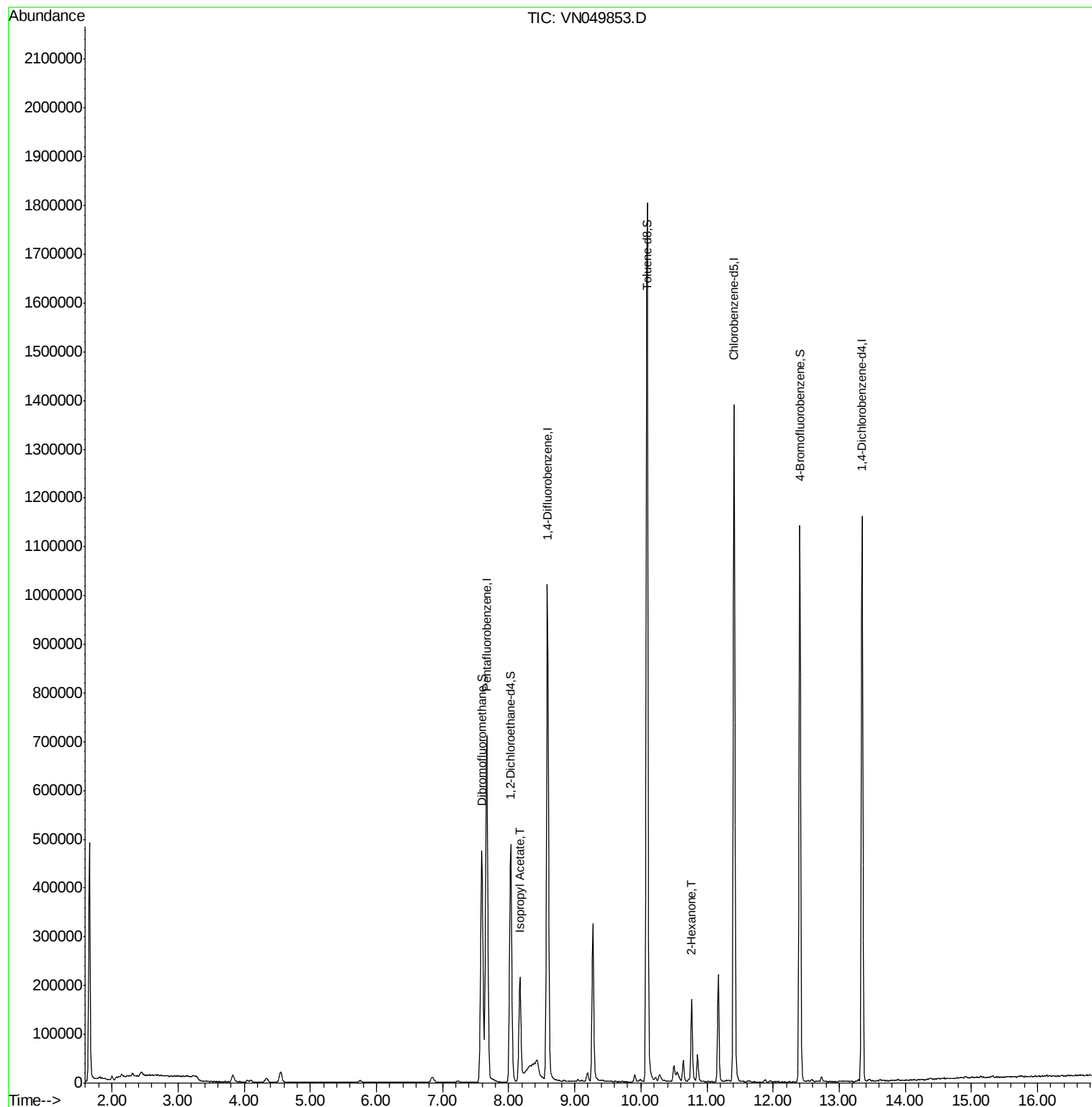
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
43) Isopropyl Acetate	8.17	43	253872	19.90	ug/l	96
59) 2-Hexanone	10.77	43	25543	4.97	ug/l #	56

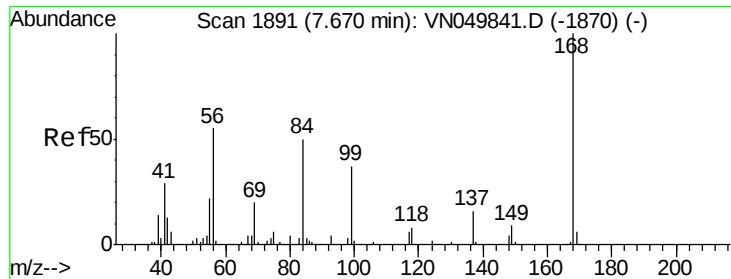
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 17 13:20:18 2018
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: VN049853.D

Acq: 17 Jul 2018 18:18

Instrument :

MSVOA_N

ClientSampleId :

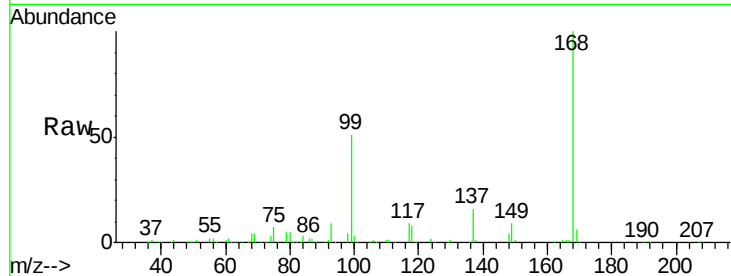
PB111173ZHE#01

Tot Ion:168 Resp: 608966

Ion Ratio Lower Upper

168 100

99 51.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN049841.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN049841.D (-1870) (-)

7.67

250000

200000

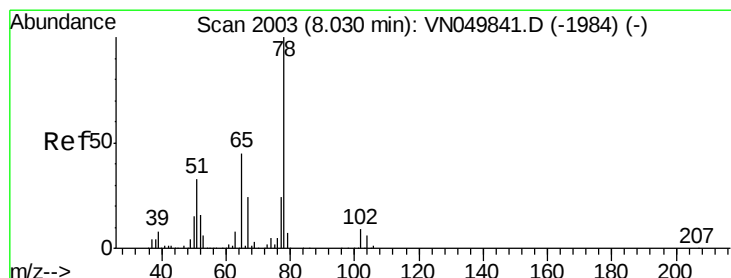
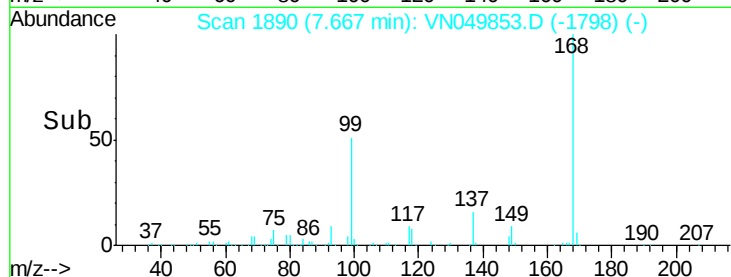
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.89 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN049853.D

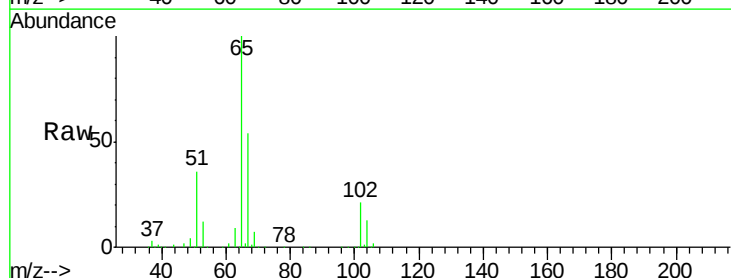
Acq: 17 Jul 2018 18:18

Tgt Ion: 65 Resp: 415148

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN049841.D (-1984) (-)

Ion 66.90 (66.60 to 67.60): VN049841.D (-1984) (-)

8.03

200000

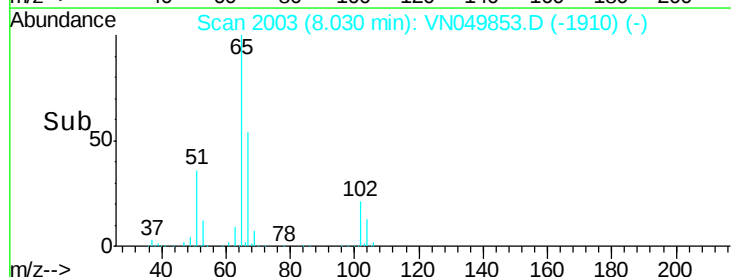
150000

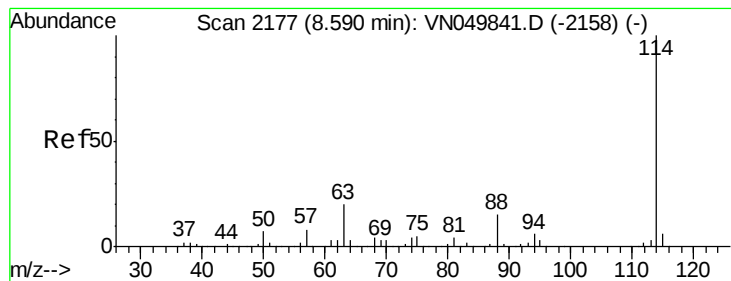
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. -0.00 min

Lab File: VN049853.D

Acq: 17 Jul 2018 18:18

Instrument :

MSVOA_N

ClientSampleId :

PB111173ZHE#01

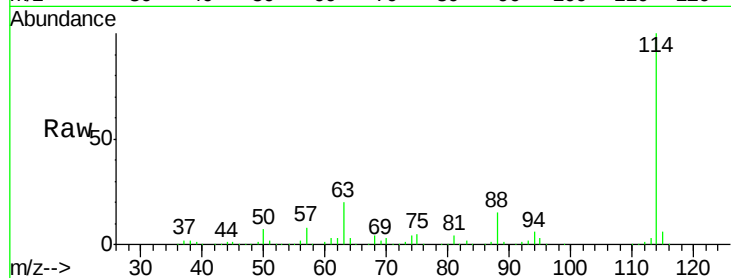
Tot Ion:114 Resp: 950002

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.8

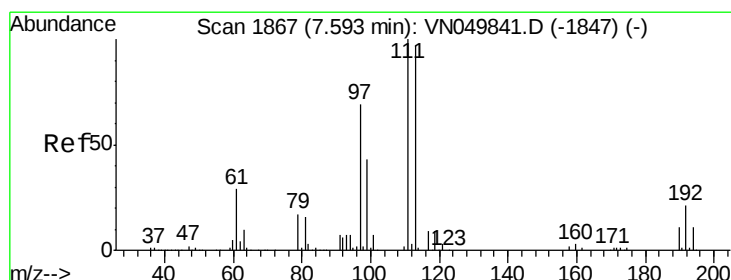
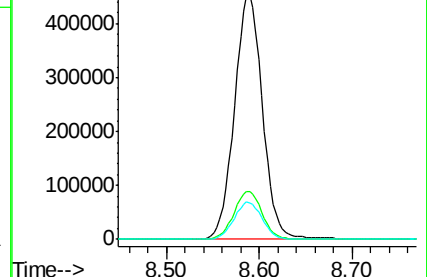
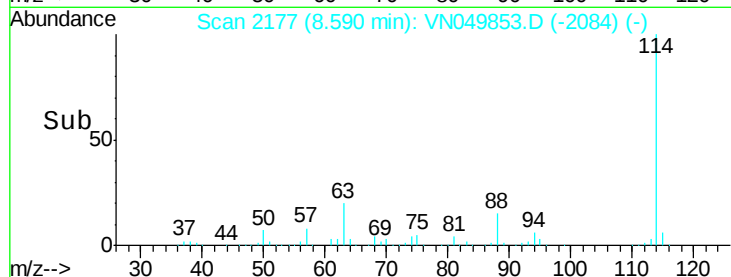
88 15.1 0.0 30.6



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



#35

Dibromofluoromethane

Concen: 48.54 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN049853.D

Acq: 17 Jul 2018 18:18

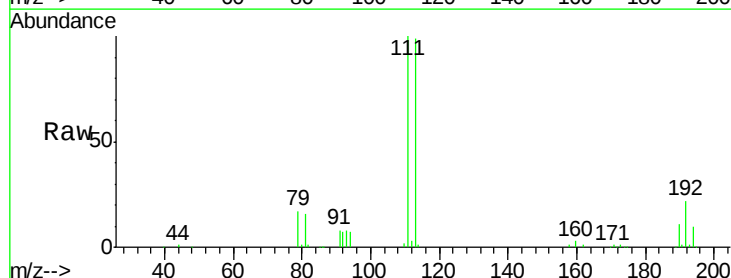
Tgt Ion:113 Resp: 365769

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

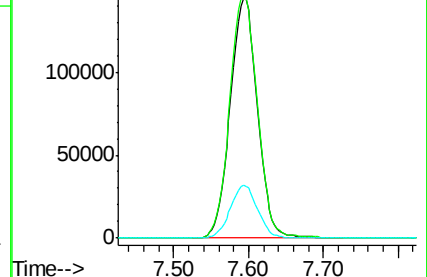
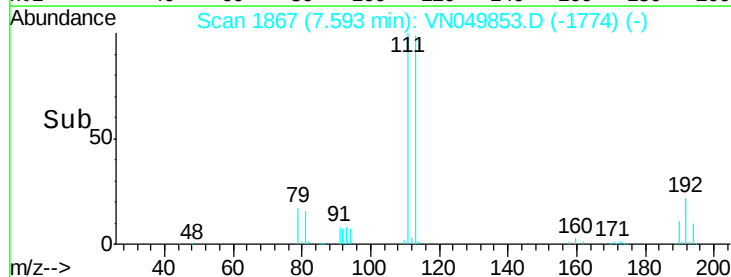
192 22.1 17.8 26.6

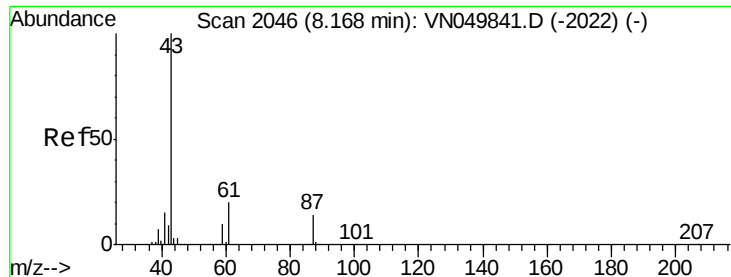


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 19.90 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VN049853.D

Acq: 17 Jul 2018 18:18

Instrument :

MSVOA_N

ClientSampleId :

PB111173ZHE#01

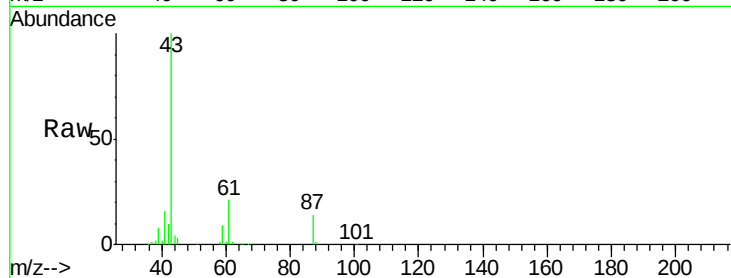
Tot Ion: 43 Resp: 253872

Ion Ratio Lower Upper

43 100

61 20.3 14.9 22.3

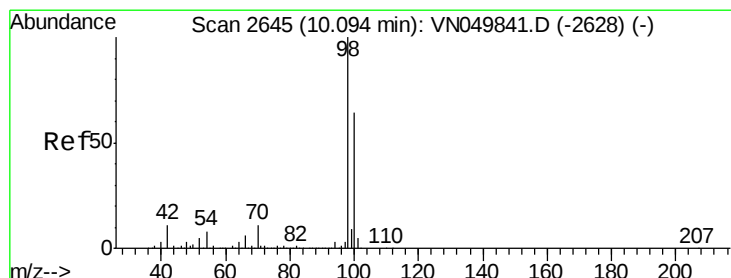
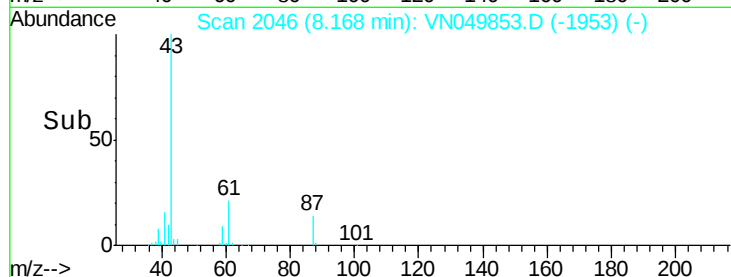
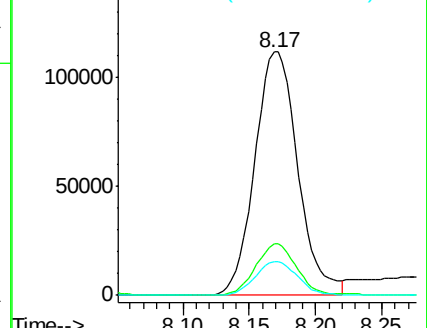
87 13.7 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049841.D (-2022) (-)

Ion 61.00 (60.70 to 61.70): VN049841.D (-2022) (-)

Ion 87.00 (86.70 to 87.70): VN049841.D (-2022) (-)



#50

Toluene-d8

Concen: 47.44 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VN049853.D

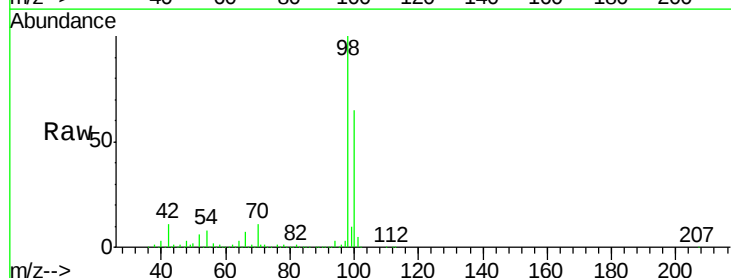
Acq: 17 Jul 2018 18:18

Tgt Ion: 98 Resp: 1312451

Ion Ratio Lower Upper

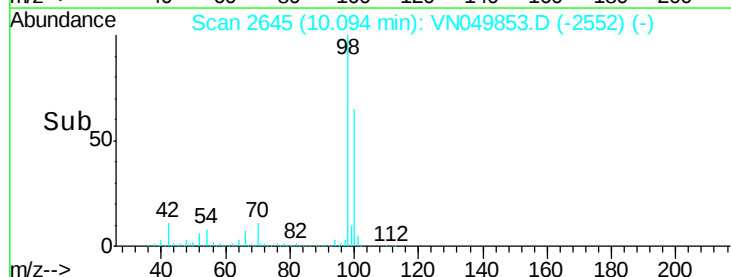
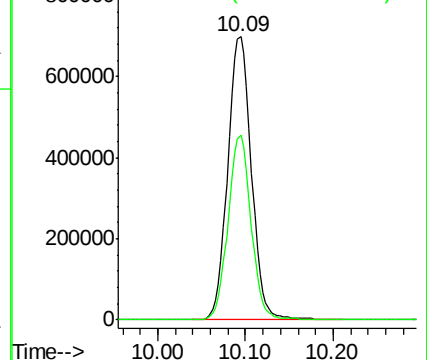
98 100

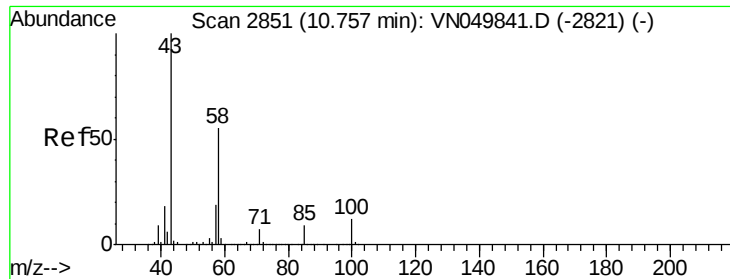
100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049841.D (-2628) (-)

Ion 100.00 (99.70 to 100.70): VN049841.D (-2628) (-)





#59

2-Hexanone

Concen: 4.97 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049853.D

Acq: 17 Jul 2018 18:18

Instrument :

MSVOA_N

ClientSampleId :

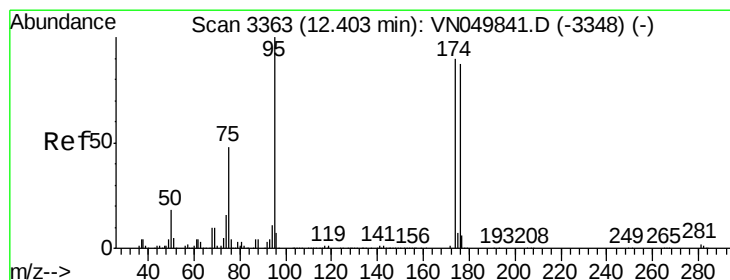
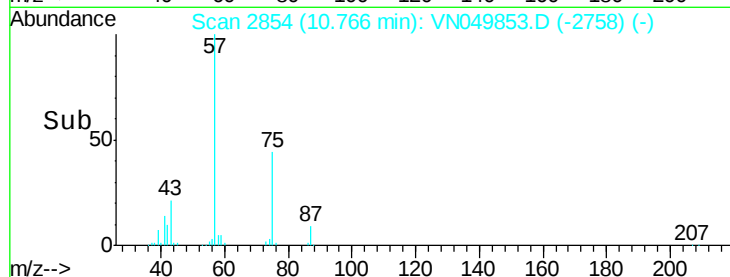
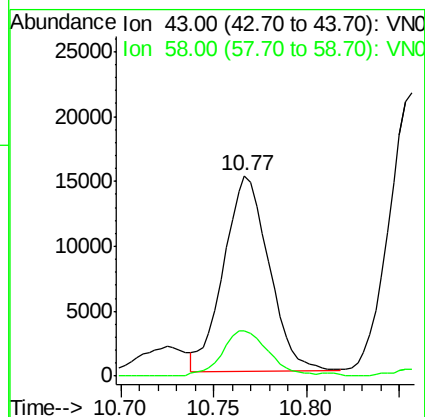
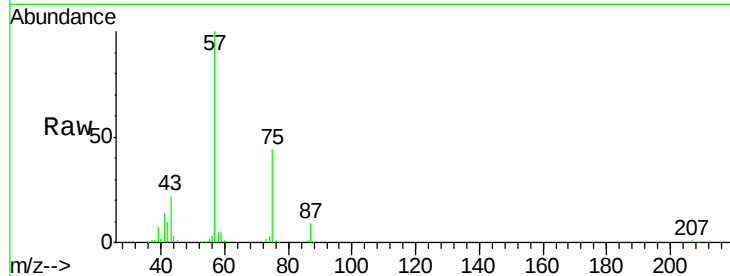
PB111173ZHE#01

Tot Ion: 43 Resp: 25543

Ion Ratio Lower Upper

43 100

58 23.8 27.8 83.4#



#62

4-Bromofluorobenzene

Concen: 40.61 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049853.D

Acq: 17 Jul 2018 18:18

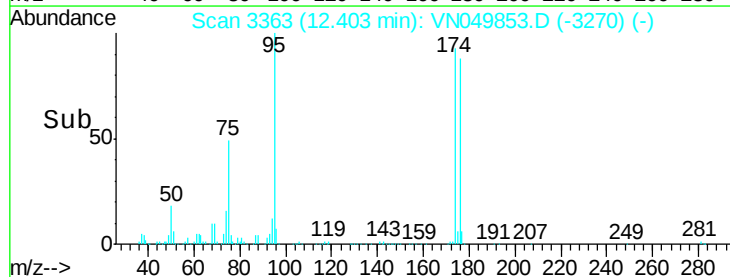
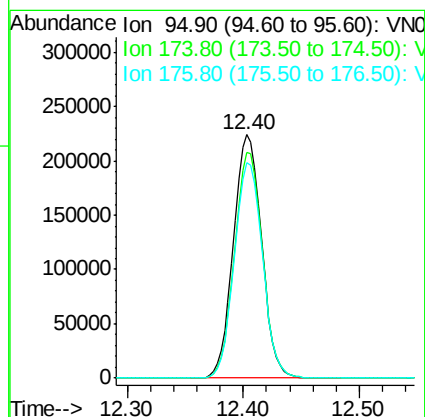
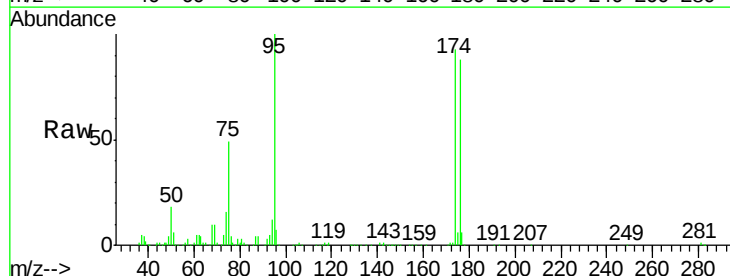
Tgt Ion: 95 Resp: 376287

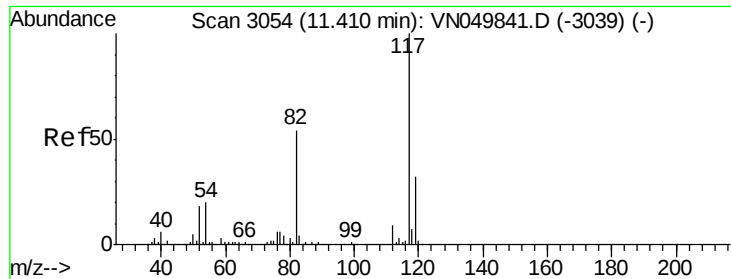
Ion Ratio Lower Upper

95 100

174 92.2 0.0 179.6

176 88.6 0.0 174.0

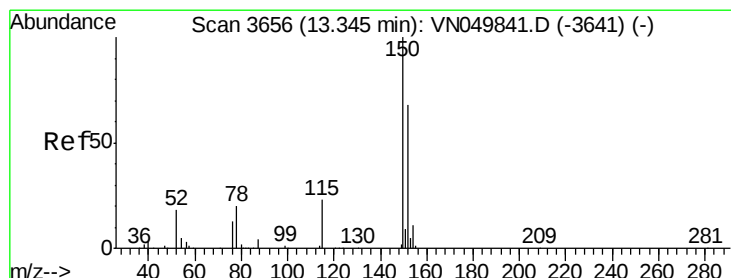
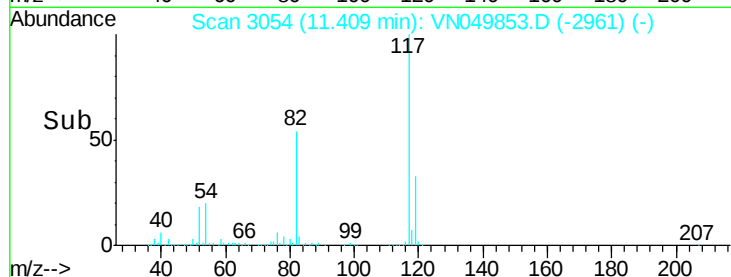
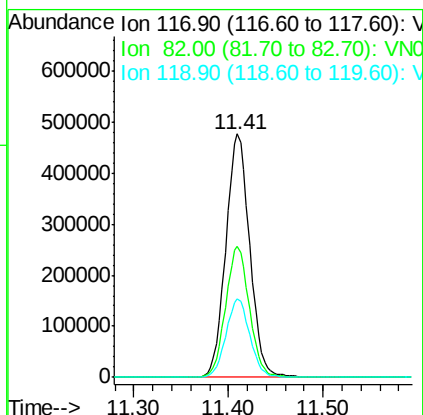
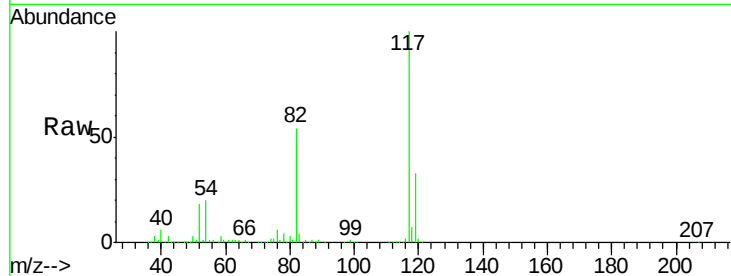




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049853.D
Acq: 17 Jul 2018 18:18

Instrument :
MSVOA_N
ClientSampleId :
PB111173ZHE#01

Tot Ion:117 Resp: 836471
Ion Ratio Lower Upper
117 100
82 53.9 41.9 62.9
119 32.5 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: VN049853.D
Acq: 17 Jul 2018 18:18

Tgt Ion:152 Resp: 327977
Ion Ratio Lower Upper
152 100
115 55.5 28.1 84.2
150 156.4 0.0 347.6

