

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071718\
 Data File : VN049860.D
 Acq On : 17 Jul 2018 21:20
 Operator : MD\SY
 Sample : PB111173ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111173ZHE#04

Quant Time: Jul 18 09:31:53 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	578473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	942581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	798353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	299452	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	404852	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
35) Dibromofluoromethane	7.59	113	355751	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	
50) Toluene-d8	10.09	98	1265967	46.12	ug/l	0.00
Spiked Amount			Recovery	=	92.24%	
62) 4-Bromofluorobenzene	12.40	95	352423	38.34	ug/l	0.00
Spiked Amount			Recovery	=	76.68%	

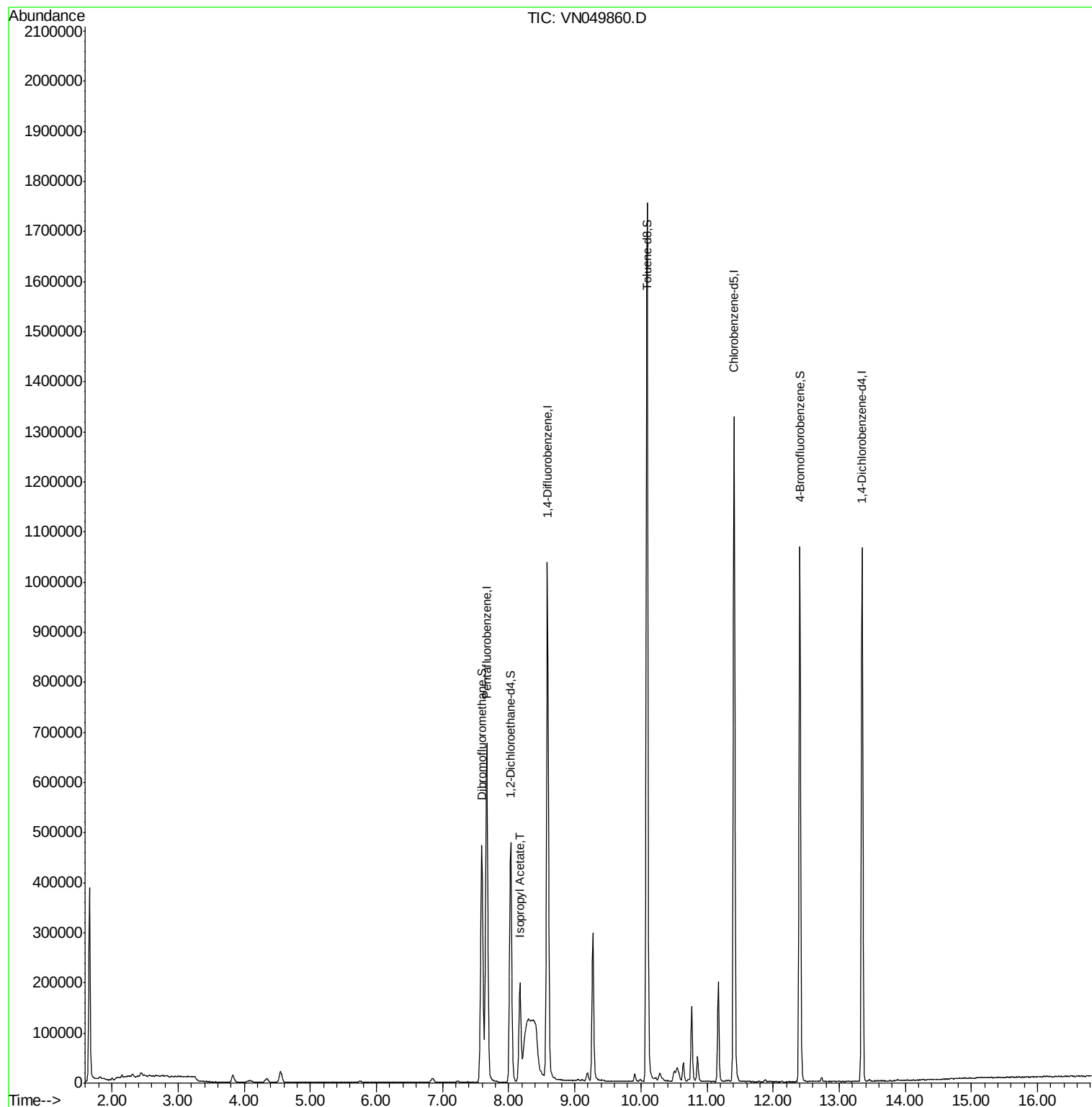
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
43) Isopropyl Acetate	8.17	43	234176	18.50	ug/l	97

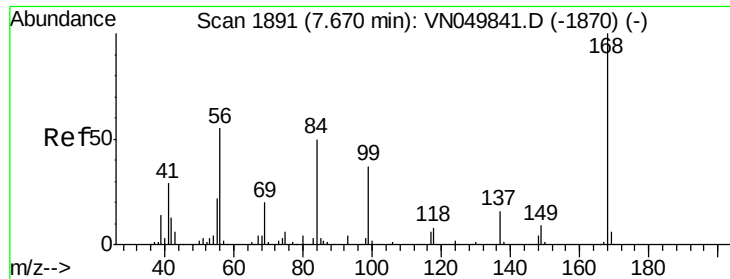
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1891

Delta R.T. 0.00 min

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Acq: 17 Jul 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

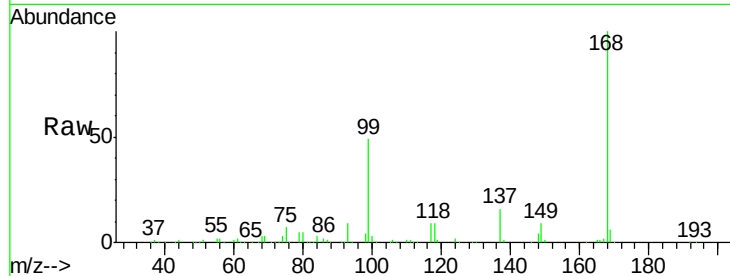
PB111173ZHE#04

Tot Ion:168 Resp: 578473

Ion Ratio Lower Upper

168 100

99 48.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

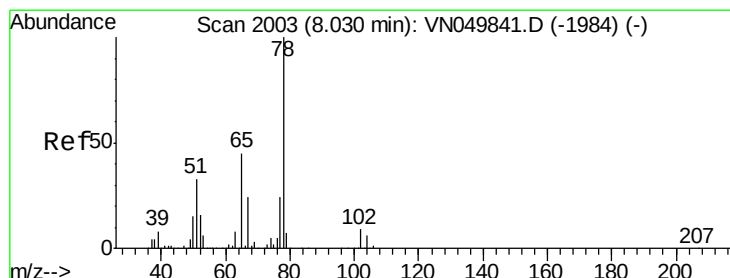
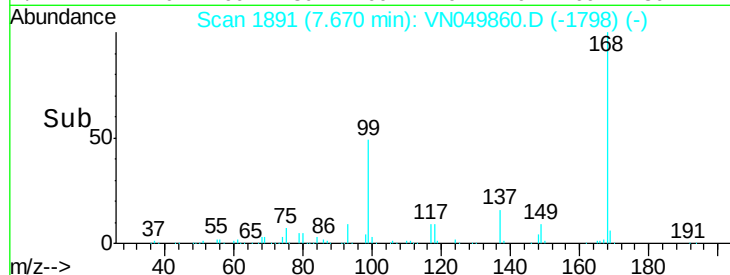
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.25 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049860.D

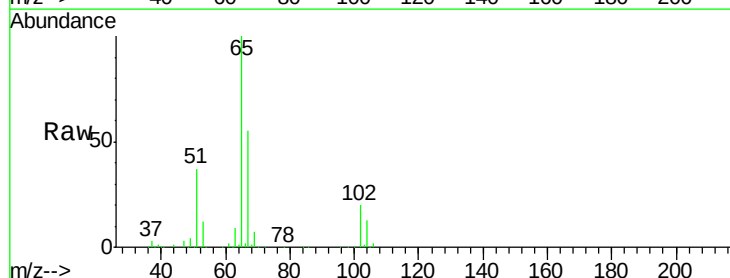
Acq: 17 Jul 2018 21:20

Tgt Ion: 65 Resp: 404852

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

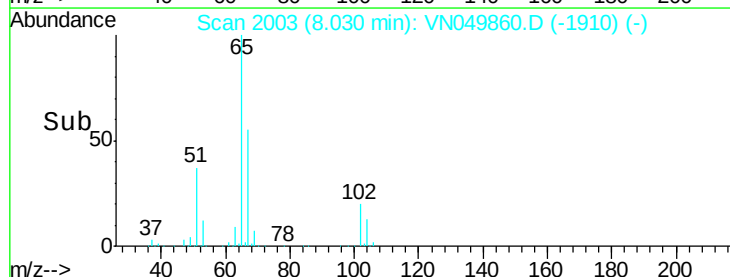
150000

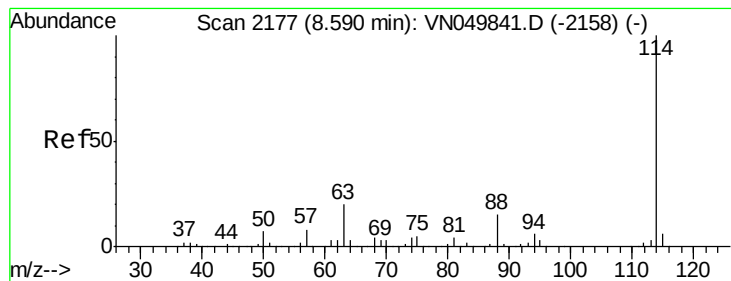
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN049860.D

Acq: 17 Jul 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

PB111173ZHE#04

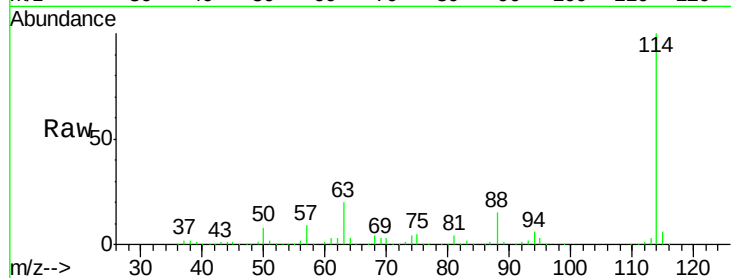
Tot Ion:114 Resp: 942581

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

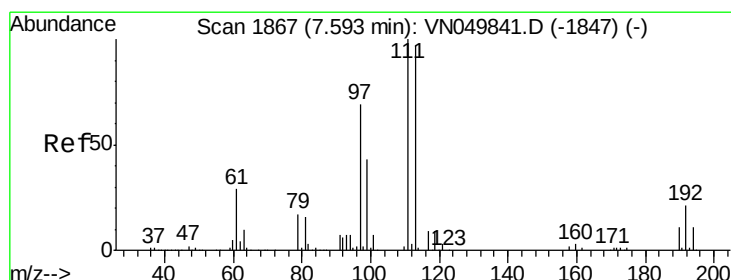
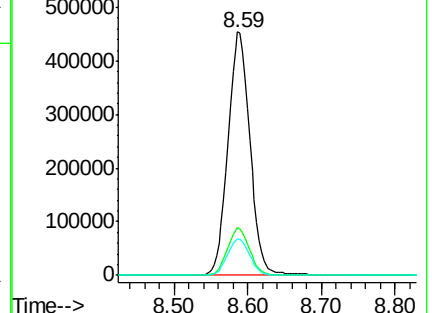
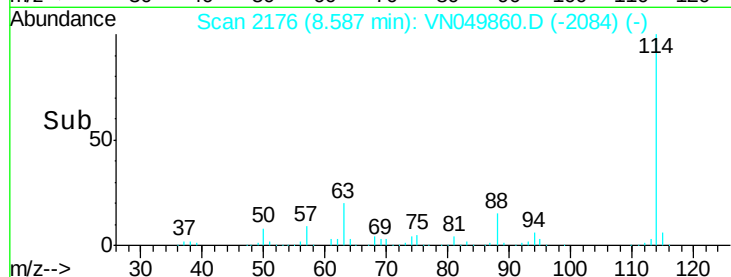
88 15.1 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.58 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049860.D

Acq: 17 Jul 2018 21:20

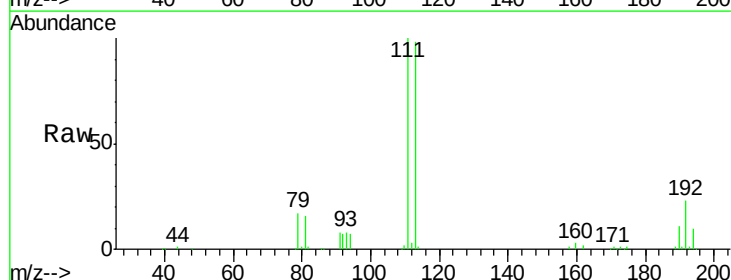
Tgt Ion:113 Resp: 355751

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

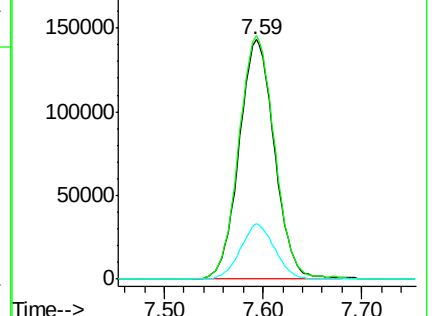
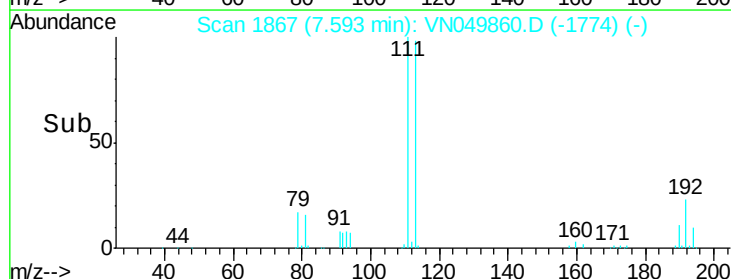
192 22.4 17.8 26.6

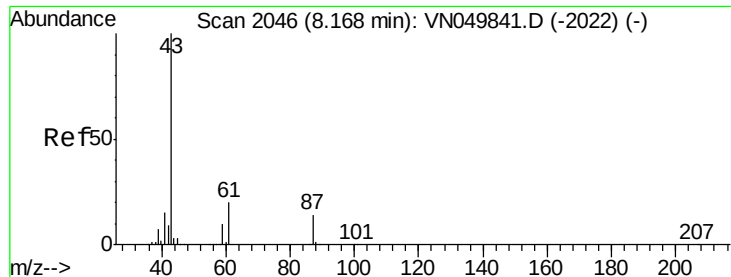


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 18.50 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN049860.D

Acq: 17 Jul 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

PB111173ZHE#04

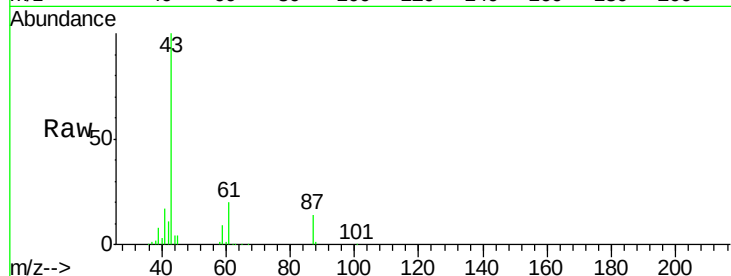
Tot Ion: 43 Resp: 234176

Ion Ratio Lower Upper

43 100

61 20.5 14.9 22.3

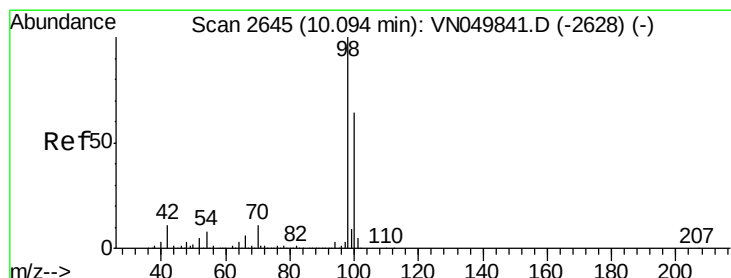
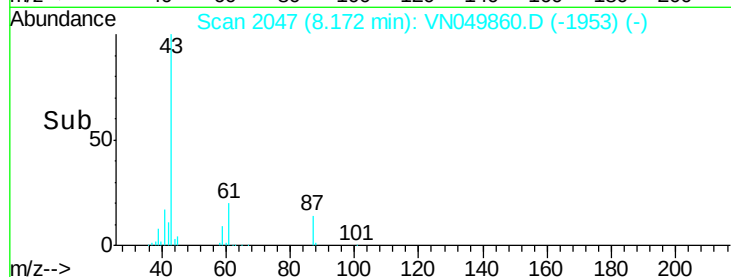
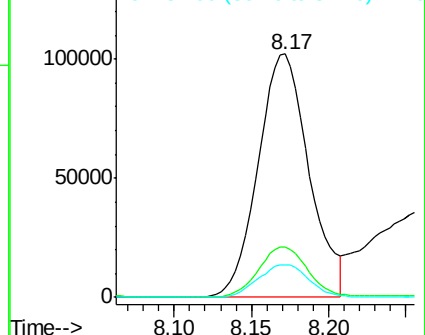
87 13.4 10.0 15.0



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: 46.12 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049860.D

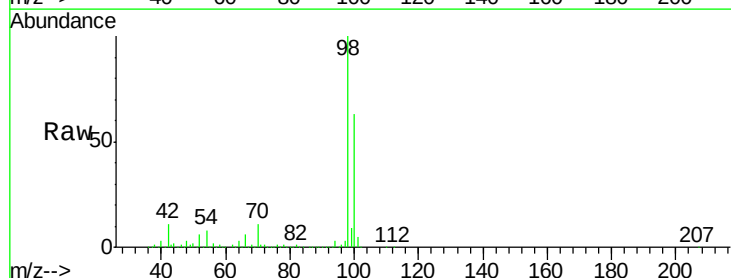
Acq: 17 Jul 2018 21:20

Tgt Ion: 98 Resp: 1265967

Ion Ratio Lower Upper

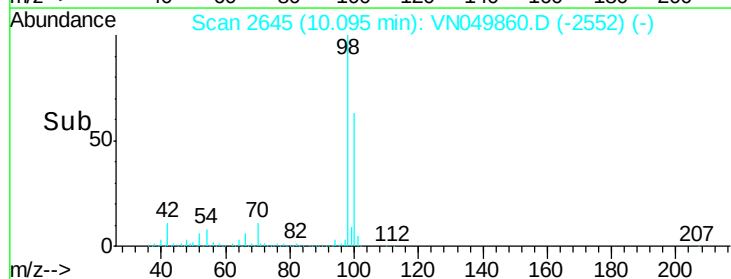
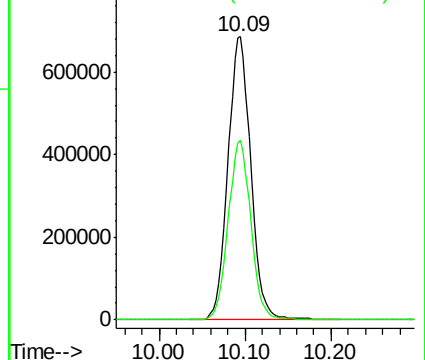
98 100

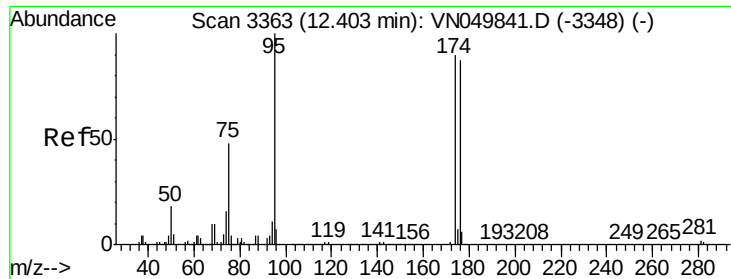
100 62.9 51.7 77.5



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

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

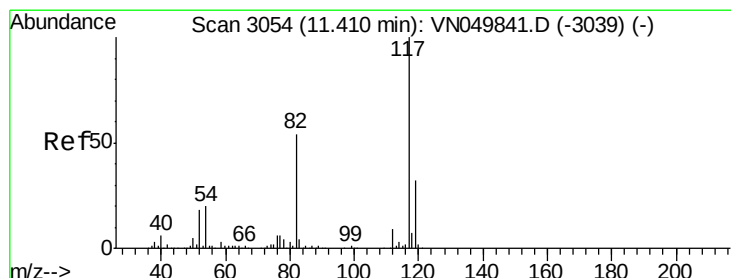
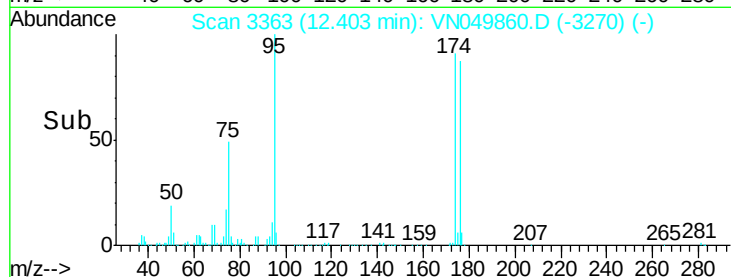
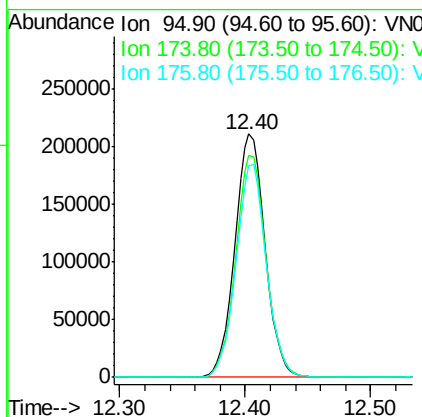
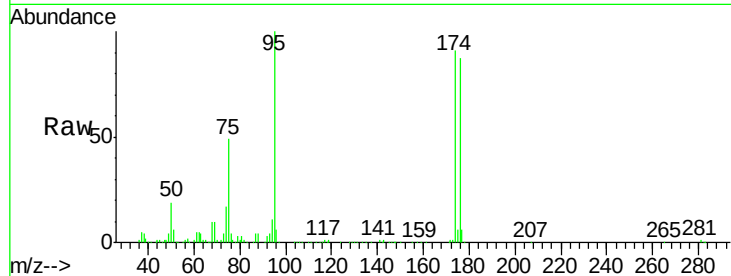




#62
4-Bromofluorobenzene
Concen: 38.34 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049860.D
Acq: 17 Jul 2018 21:20

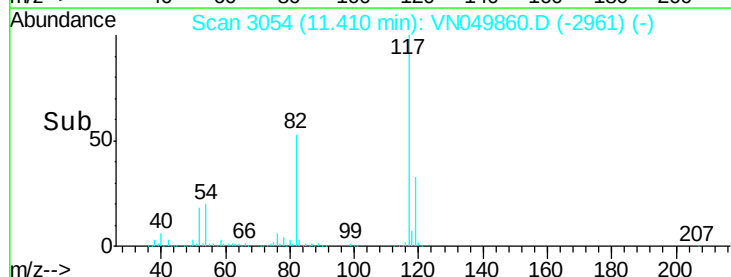
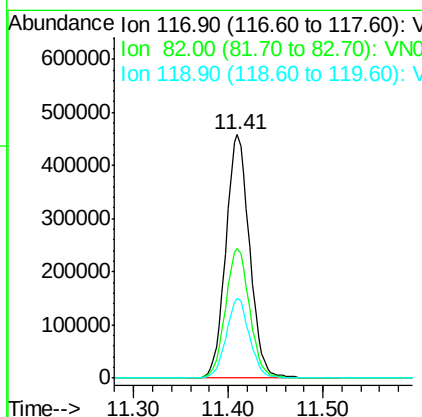
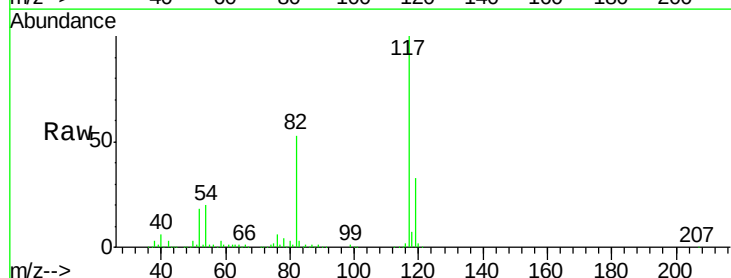
Instrument :
MSVOA_N
ClientSampleId :
PB111173ZHE#04

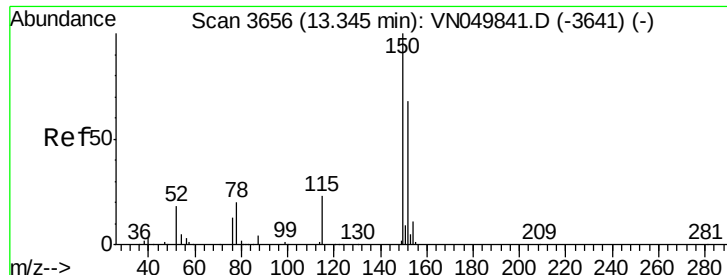
Tot Ion: 95 Resp: 352423
Ion Ratio Lower Upper
95 100
174 92.0 0.0 179.6
176 87.5 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049860.D
Acq: 17 Jul 2018 21:20

Tgt Ion: 117 Resp: 798353
Ion Ratio Lower Upper
117 100
82 53.4 41.9 62.9
119 33.0 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: VN049860.D

Acq: 17 Jul 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

PB111173ZHE#04

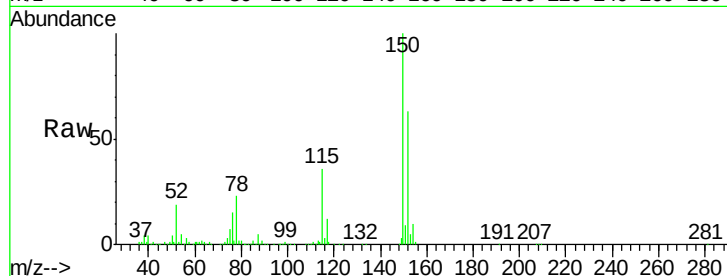
Tot Ion:152 Resp: 299452

Ion Ratio Lower Upper

152 100

115 55.6 28.1 84.2

150 158.0 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

