

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071718\
 Data File : VN049855.D
 Acq On : 17 Jul 2018 19:10
 Operator : MD\SY
 Sample : PB111173ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111173ZHE#03

Quant Time: Jul 18 11:38:43 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	576842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	933772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	799634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	307931	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	405347	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
35) Dibromofluoromethane	7.59	113	357356	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
50) Toluene-d8	10.09	98	1259241	46.31	ug/l	0.00
Spiked Amount			Recovery	=	92.62%	
62) 4-Bromofluorobenzene	12.40	95	361991	39.75	ug/l	0.00
Spiked Amount			Recovery	=	79.50%	

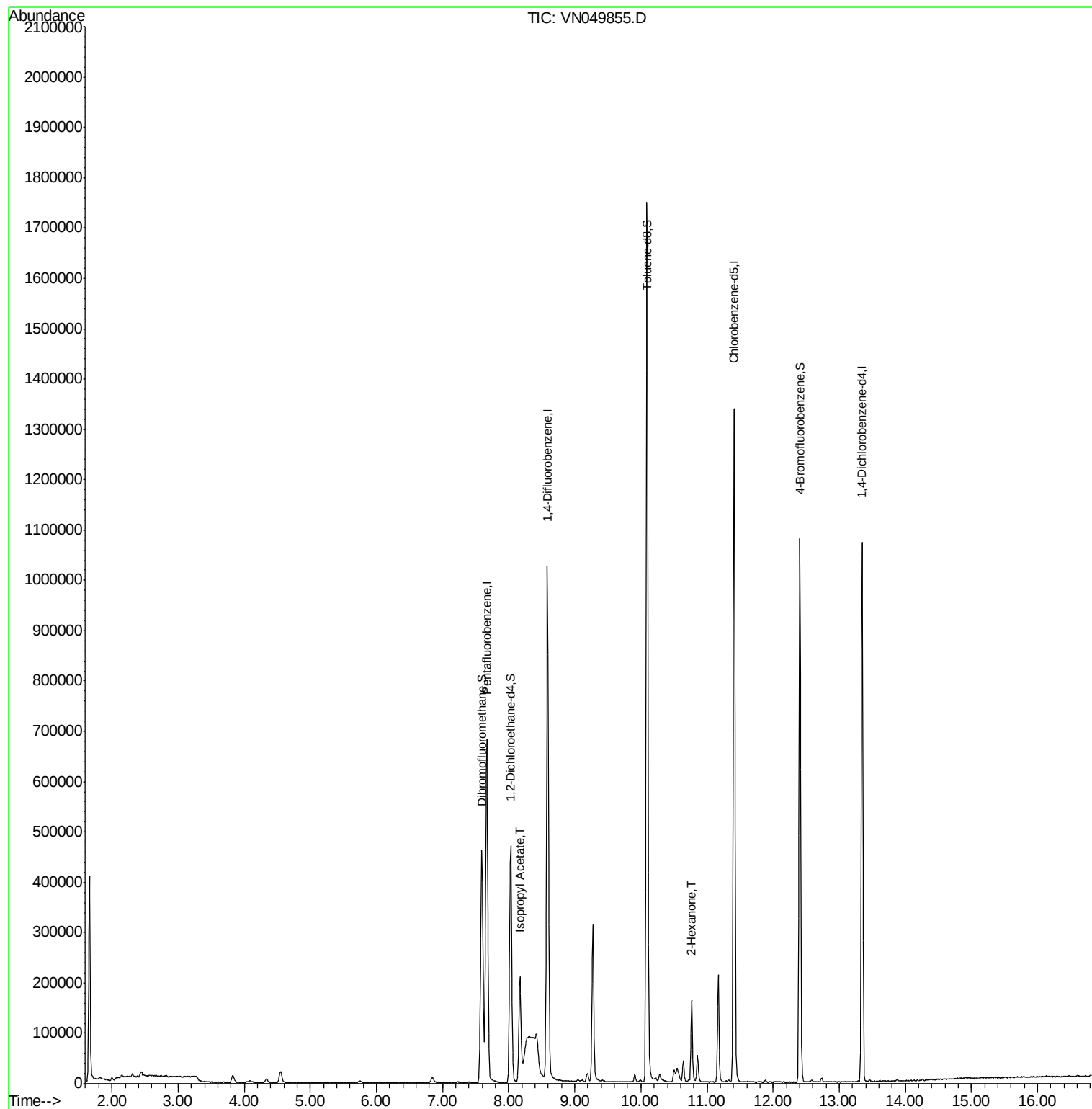
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
43) Isopropyl Acetate	8.17	43	253873	20.25	ug/l	99
59) 2-Hexanone	10.77	43	22964	4.54	ug/l	# 57

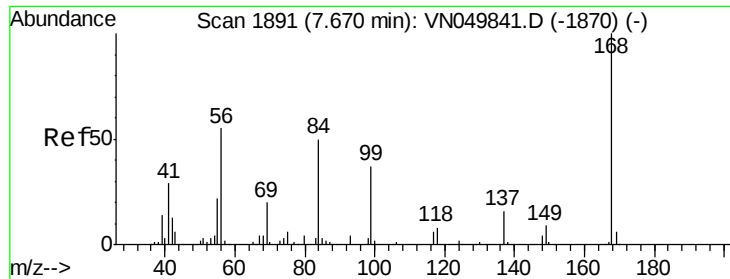
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049855.D

Acq: 17 Jul 2018 19:10

Instrument :

MSVOA_N

ClientSampleId :

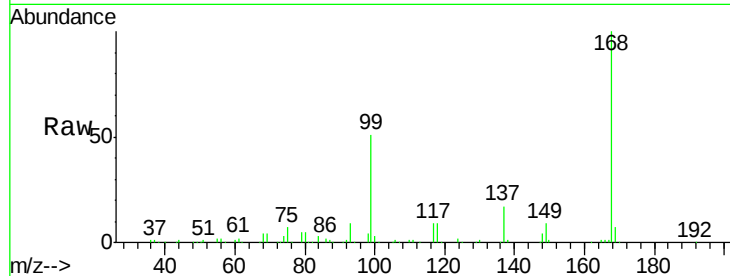
PB111173ZHE#03

Tot Ion:168 Resp: 576842

Ion Ratio Lower Upper

168 100

99 51.3 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

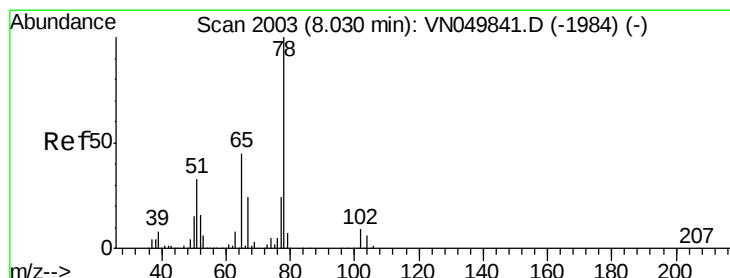
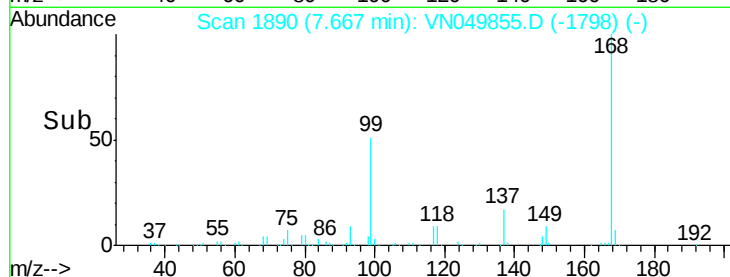
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.46 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN049855.D

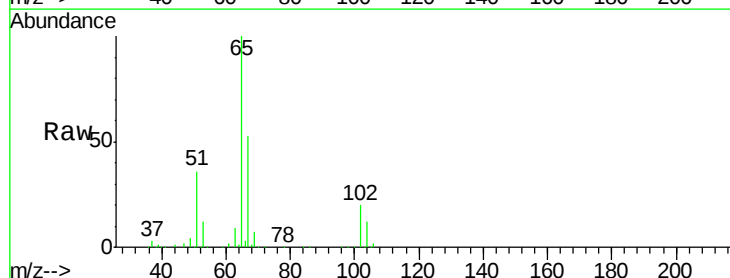
Acq: 17 Jul 2018 19:10

Tgt Ion: 65 Resp: 405347

Ion Ratio Lower Upper

65 100

67 53.3 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

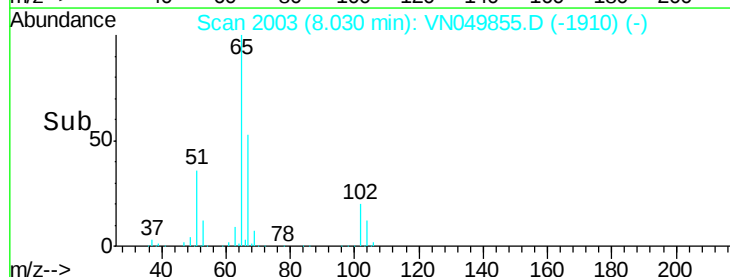
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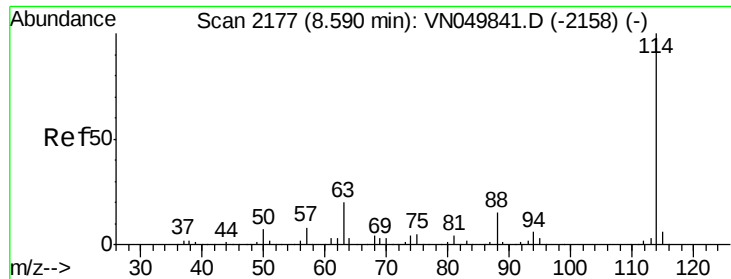
50000

0

7.90 8.00 8.10

Time-->

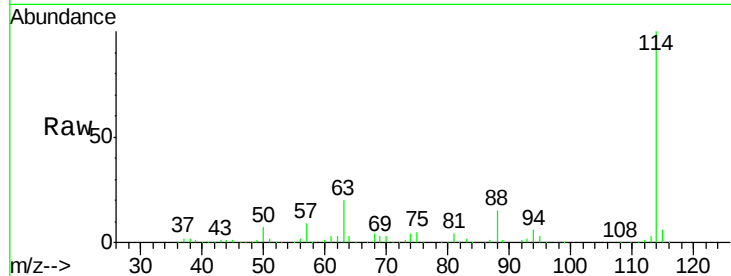




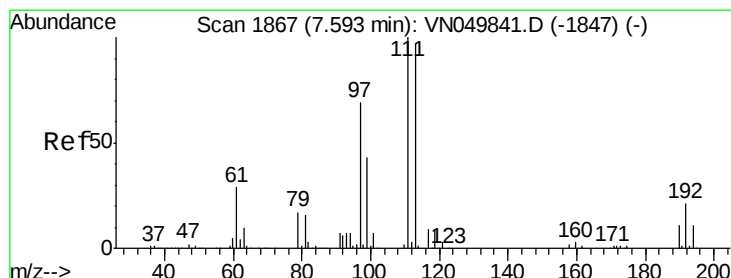
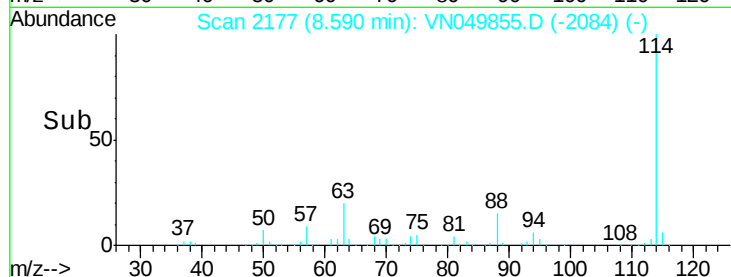
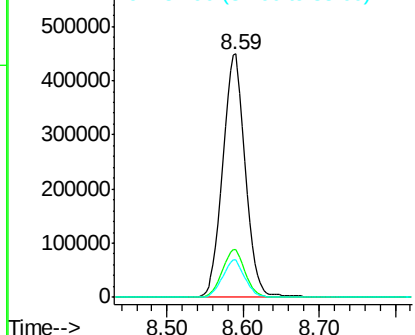
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VN049855.D
 Acq: 17 Jul 2018 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111173ZHE#03

Tot Ion:114 Resp: 933772
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.4 0.0 30.6

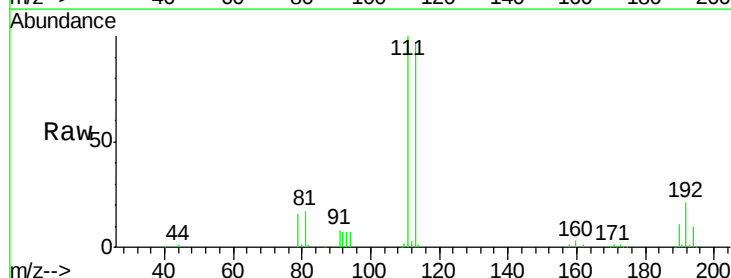


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

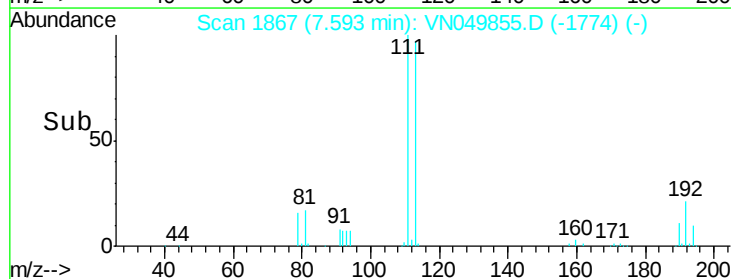
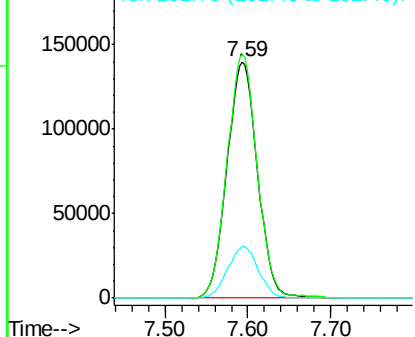


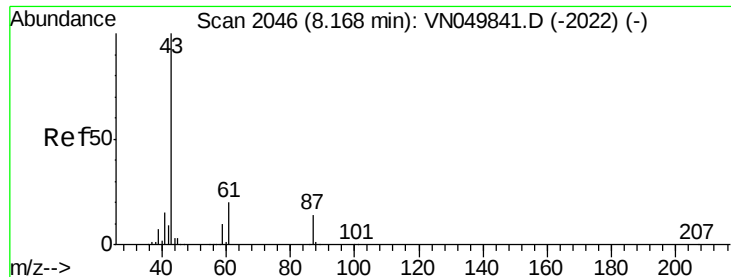
#35
 Dibromofluoromethane
 Concen: 48.25 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049855.D
 Acq: 17 Jul 2018 19:10

Tgt Ion:113 Resp: 357356
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.8 122.8
 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





#43

Isopropyl Acetate

Concen: 20.25 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VN049855.D

Acq: 17 Jul 2018 19:10

Instrument :

MSVOA_N

ClientSampleId :

PB111173ZHE#03

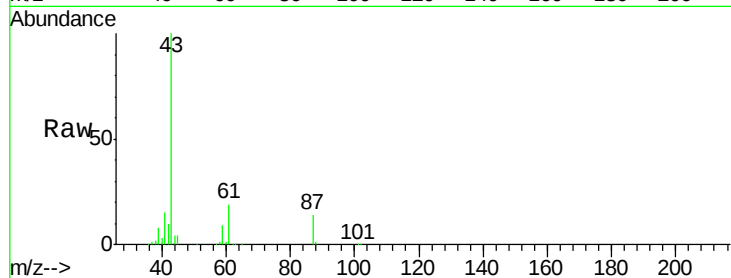
Tot Ion: 43 Resp: 253873

Ion Ratio Lower Upper

43 100

61 19.1 14.9 22.3

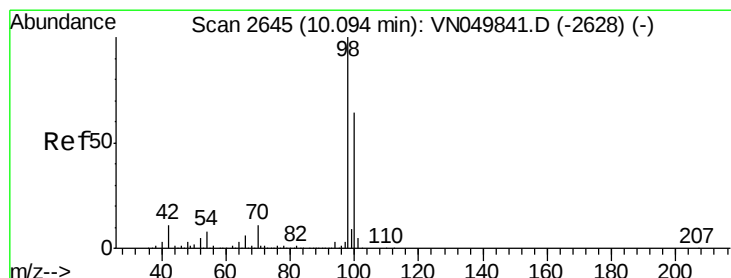
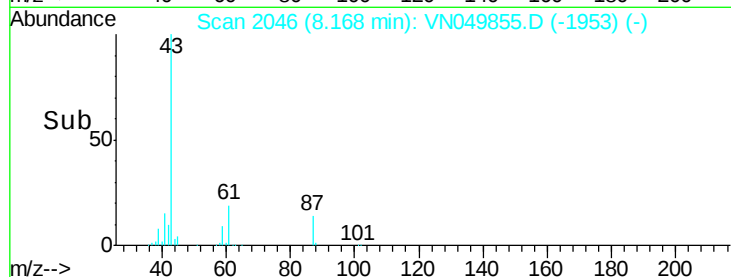
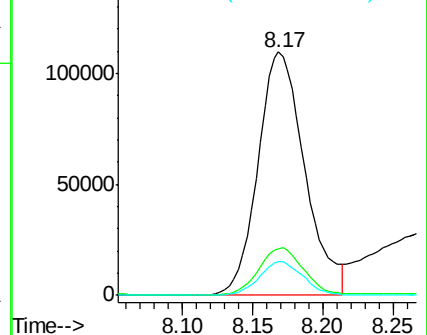
87 13.0 10.0 15.0



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: 46.31 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049855.D

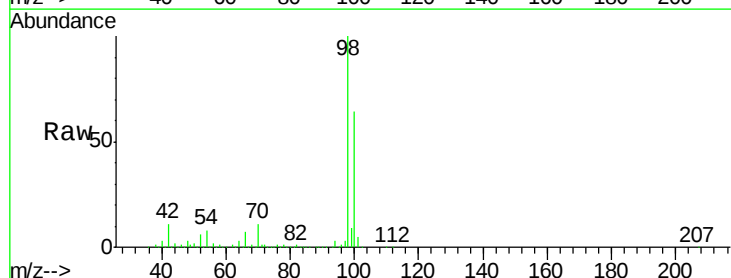
Acq: 17 Jul 2018 19:10

Tgt Ion: 98 Resp: 1259241

Ion Ratio Lower Upper

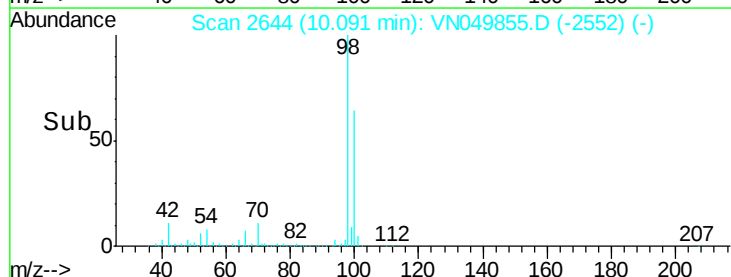
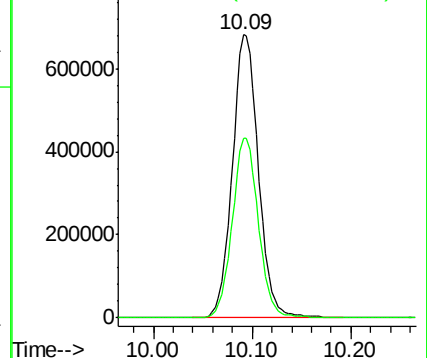
98 100

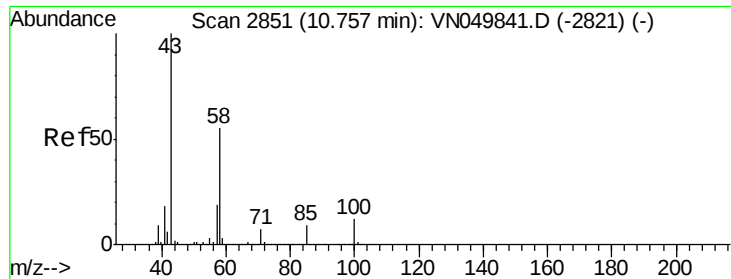
100 63.8 51.7 77.5



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

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

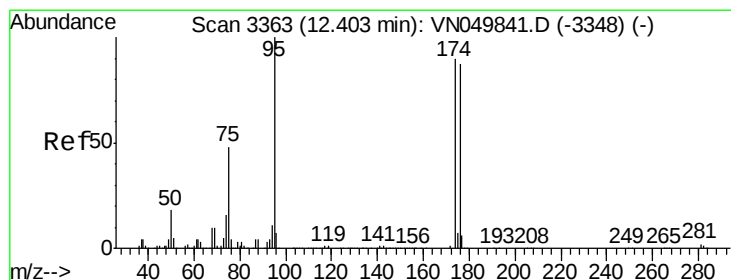
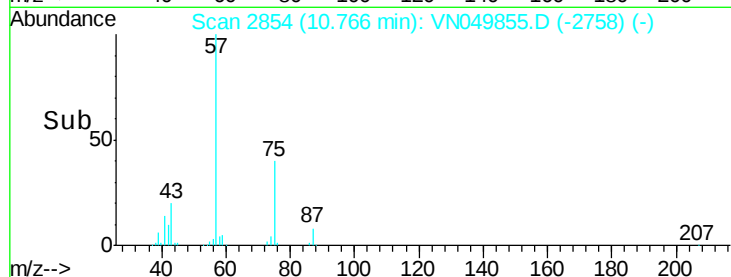
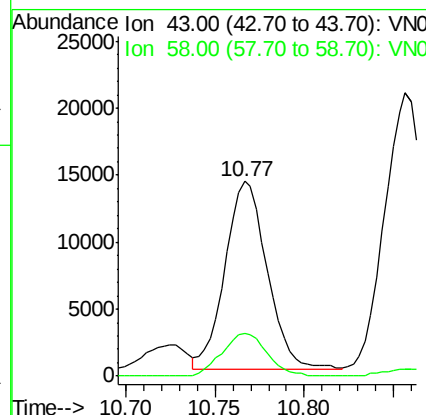
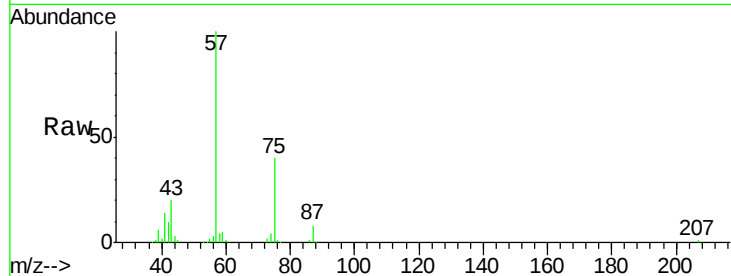




#59
2-Hexanone
Concen: 4.54 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049855.D
Acq: 17 Jul 2018 19:10

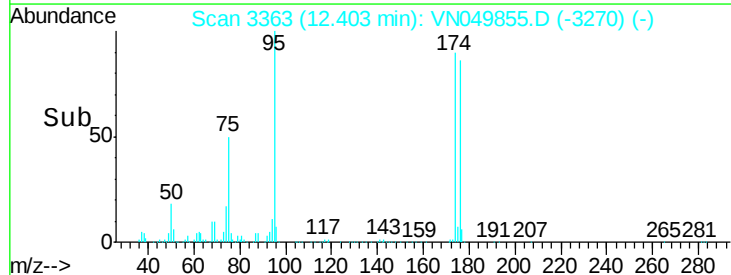
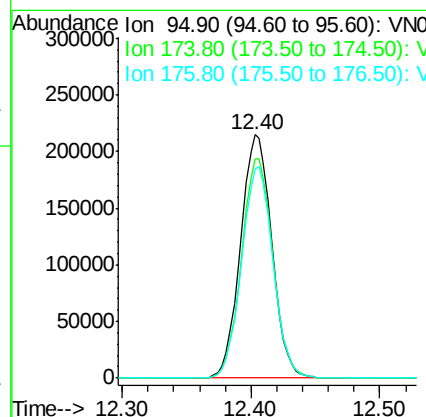
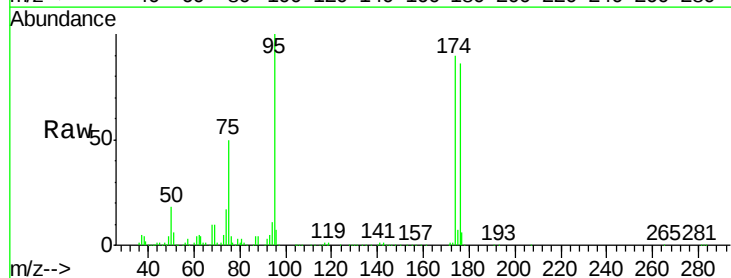
Instrument :
MSVOA_N
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PB111173ZHE#03

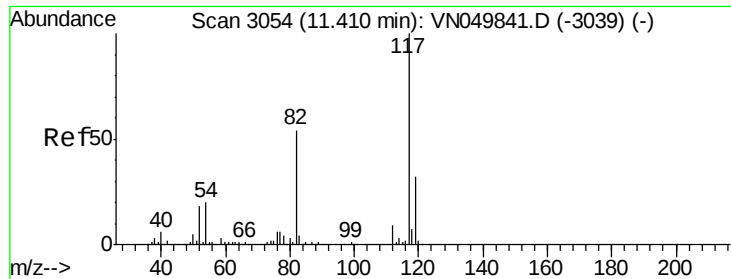
Tot Ion: 43 Resp: 22964
Ion Ratio Lower Upper
43 100
58 24.3 27.8 83.4#



#62
4-Bromofluorobenzene
Concen: 39.75 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049855.D
Acq: 17 Jul 2018 19:10

Tgt Ion: 95 Resp: 361991
Ion Ratio Lower Upper
95 100
174 90.7 0.0 179.6
176 87.2 0.0 174.0

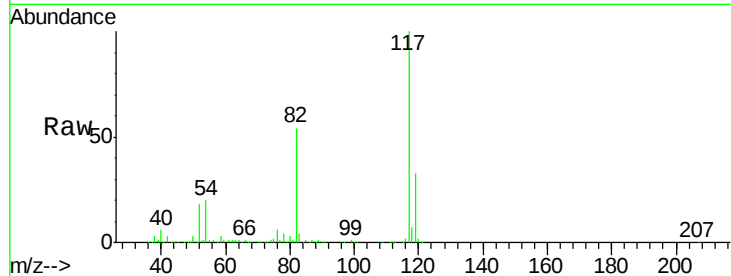




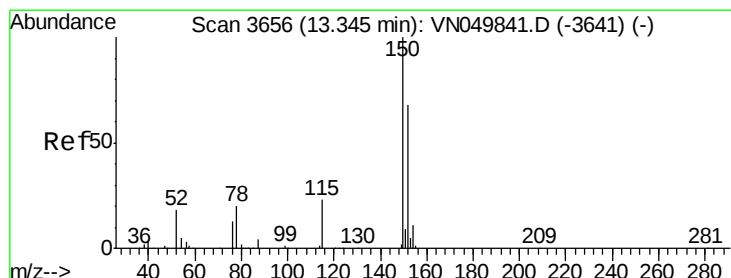
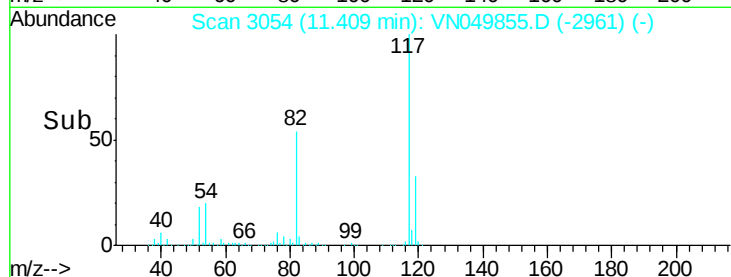
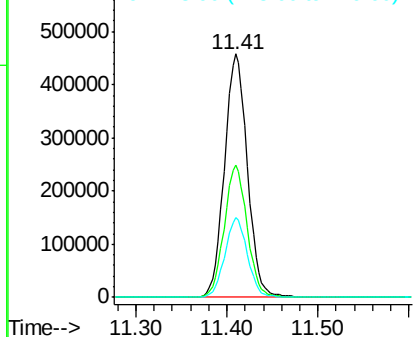
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049855.D
Acq: 17 Jul 2018 19:10

Instrument :
MSVOA_N
ClientSampleId :
PB111173ZHE#03

Tot Ion:117 Resp: 799634
Ion Ratio Lower Upper
117 100
82 54.5 41.9 62.9
119 32.5 25.4 38.2

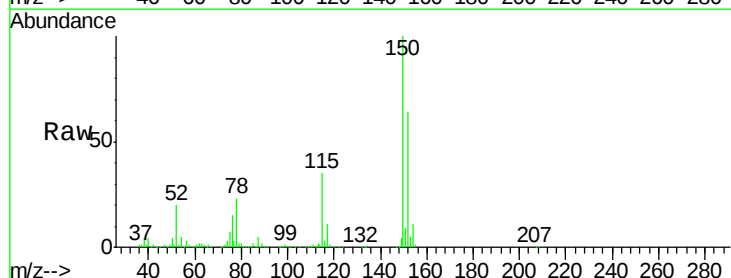


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049855.D
Acq: 17 Jul 2018 19:10

Tgt Ion:152 Resp: 307931
Ion Ratio Lower Upper
152 100
115 54.9 28.1 84.2
150 156.0 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

