

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050408.D
 Acq On : 7 Aug 2018 2:13
 Operator : MD\SY
 Sample : J4366-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SV30518L

Quant Time: Aug 07 09:48:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	639876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1028061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	881163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	347900	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	447422	52.33	ug/l	0.00
Spiked Amount						
			Recovery	=	104.66%	
35) Dibromofluoromethane	7.59	113	402112	48.75	ug/l	0.00
Spiked Amount						
			Recovery	=	97.50%	
50) Toluene-d8	10.09	98	1422186	45.85	ug/l	0.00
Spiked Amount						
			Recovery	=	91.70%	
62) 4-Bromofluorobenzene	12.40	95	400979	37.93	ug/l	0.00
Spiked Amount						
			Recovery	=	75.86%	

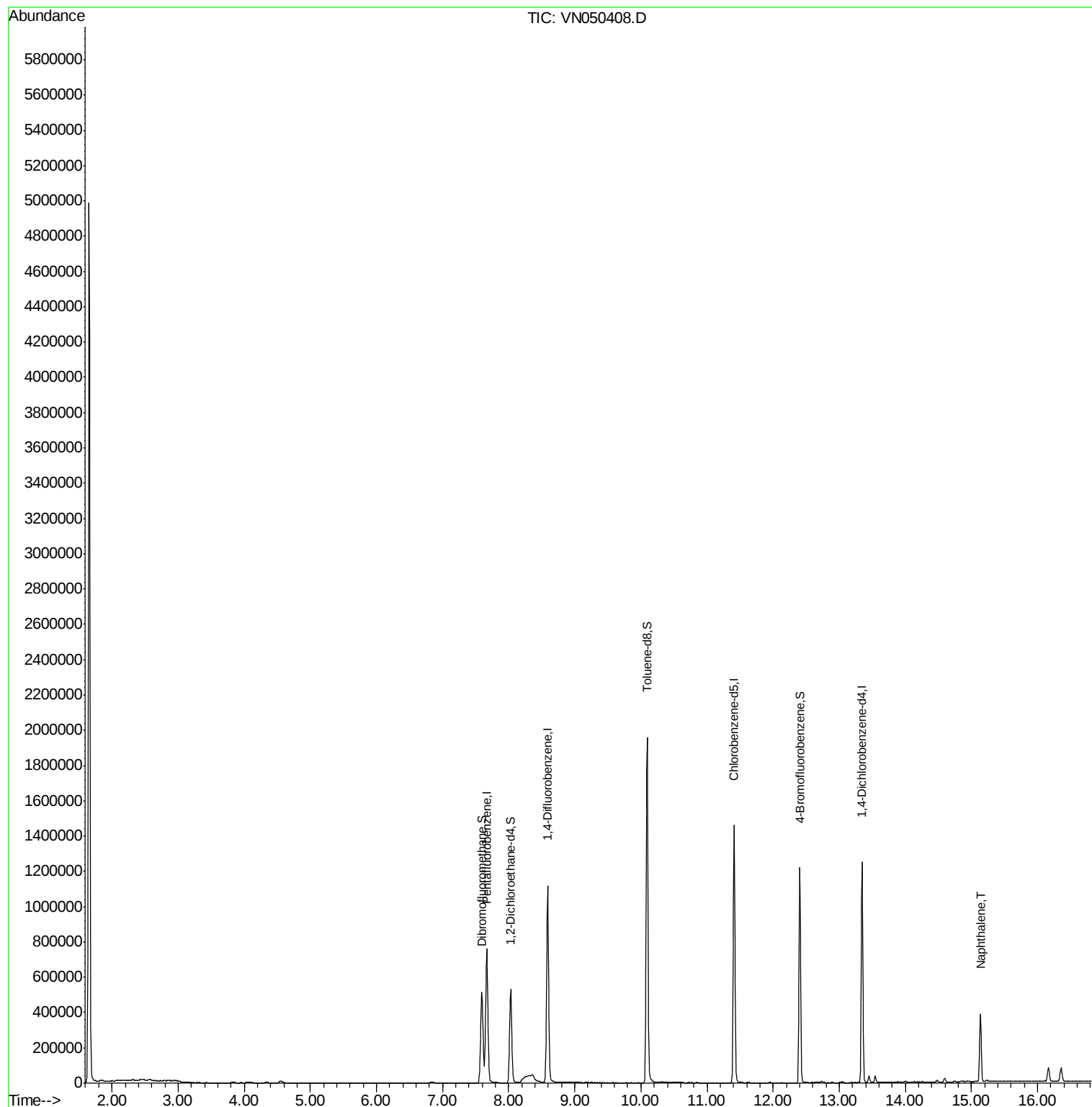
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
95) Naphthalene	15.14	128	331621	21.88	ug/l	99

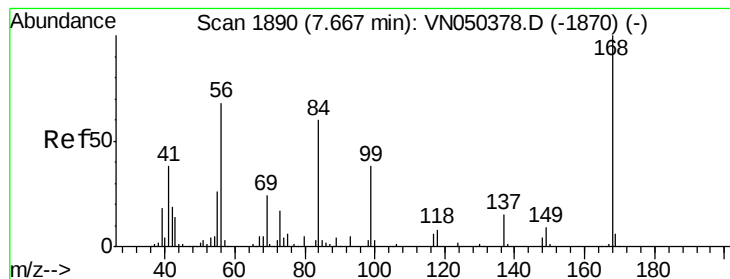
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050408.D

Acq: 7 Aug 2018 2:13

Instrument :

MSVOA_N

ClientSampleId :

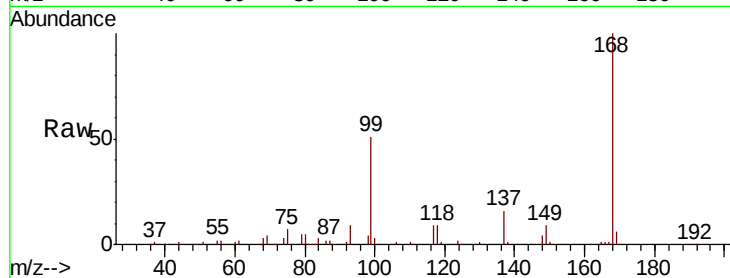
SV30518L

Tot Ion:168 Resp: 639876

Ion Ratio Lower Upper

168 100

99 50.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.67

250000

200000

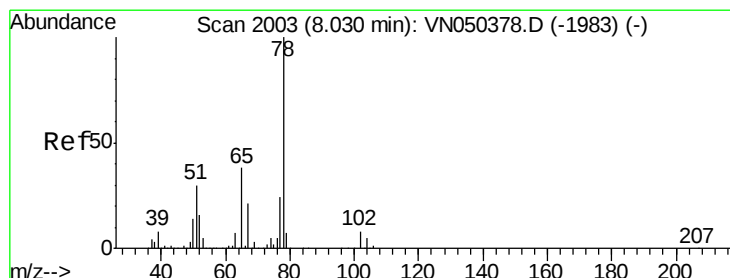
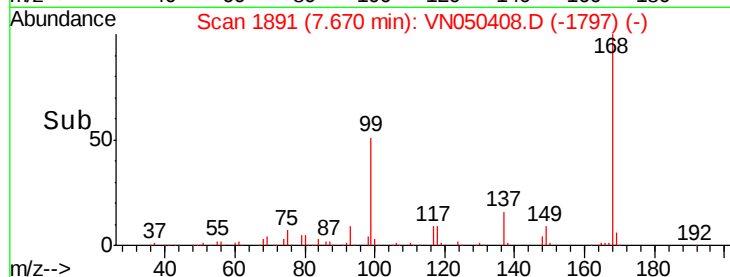
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.33 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050408.D

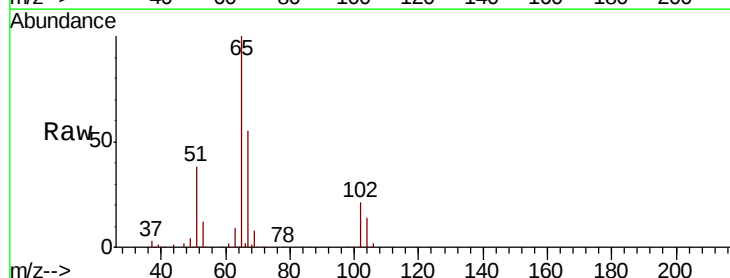
Acq: 7 Aug 2018 2:13

Tgt Ion: 65 Resp: 447422

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050378.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050378.D (-1983) (-)

8.03

200000

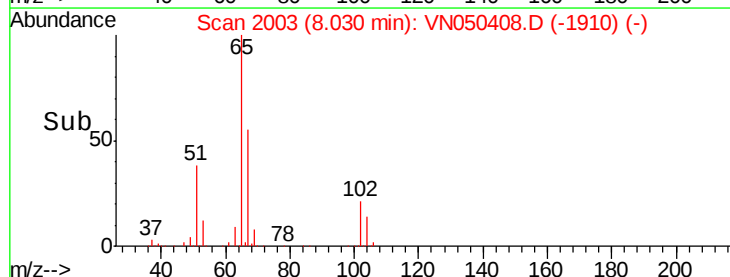
150000

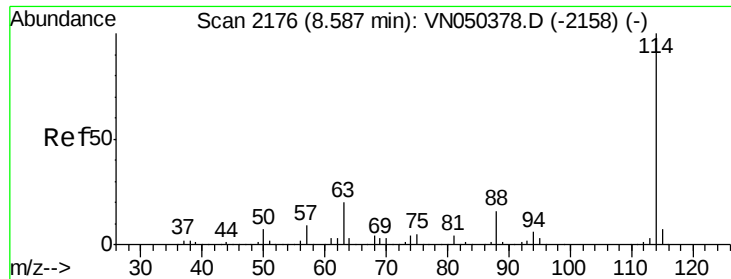
100000

50000

0

Time-->

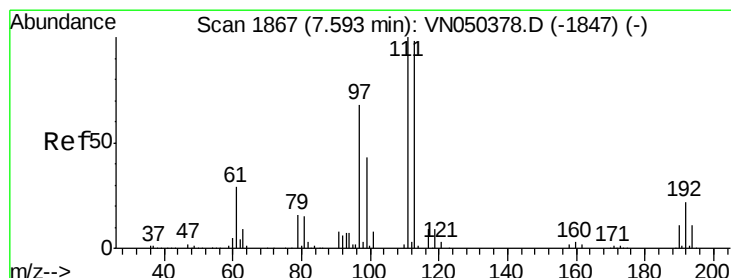
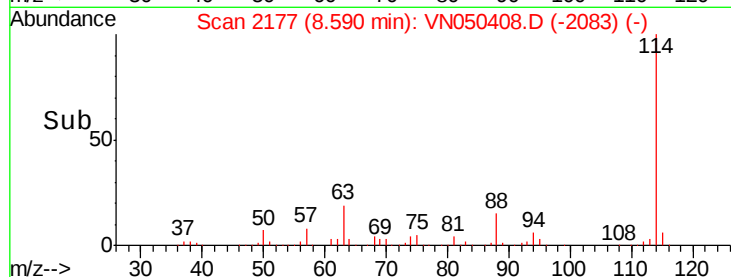
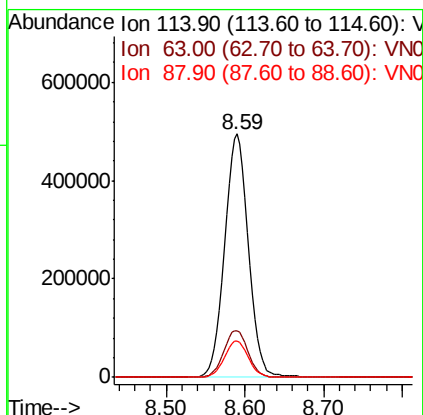
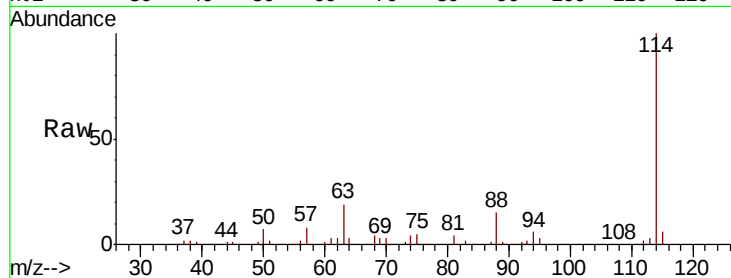




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050408.D
 Acq: 7 Aug 2018 2:13

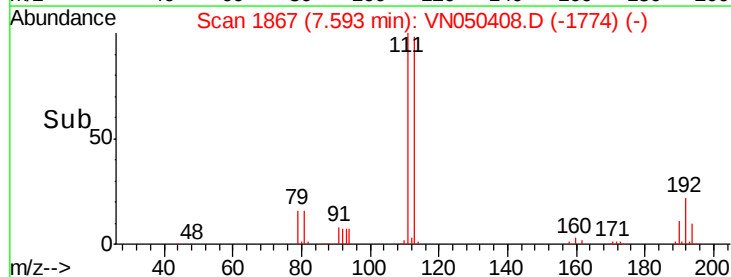
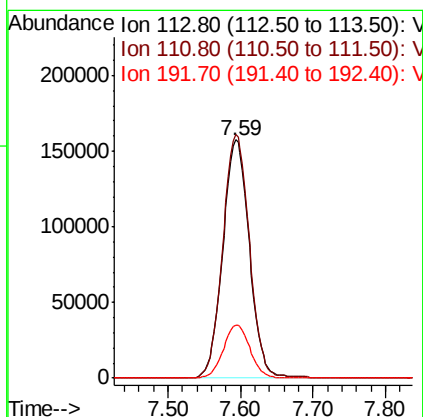
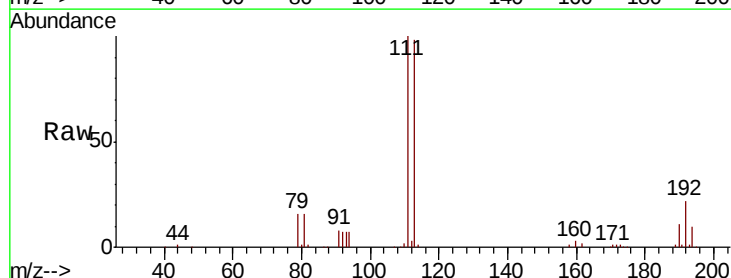
Instrument :
 MSVOA_N
 ClientSampleId :
 SV30518L

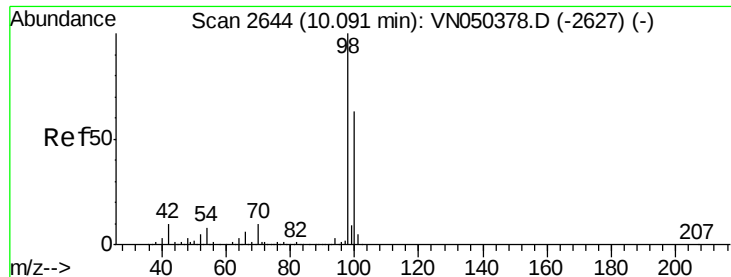
Tot Ion:114 Resp: 1028061
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.1 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 48.75 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050408.D
 Acq: 7 Aug 2018 2:13

Tgt Ion:113 Resp: 402112
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.7 121.1
 192 22.3 17.8 26.6





#50

Toluene-d8

Concen: 45.85 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050408.D

Acq: 7 Aug 2018 2:13

Instrument :

MSVOA_N

ClientSampled :

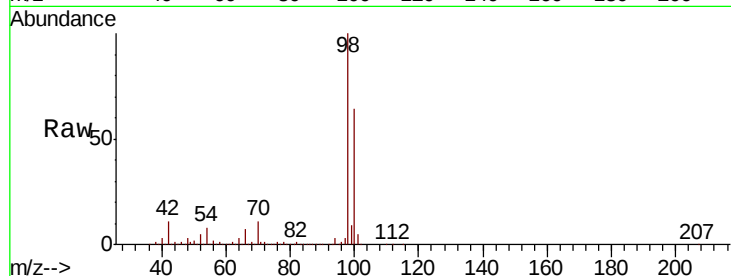
SV30518L

Tot Ion: 98 Resp: 1422186

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050378.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050378.D (-2627) (-)

10.09

800000

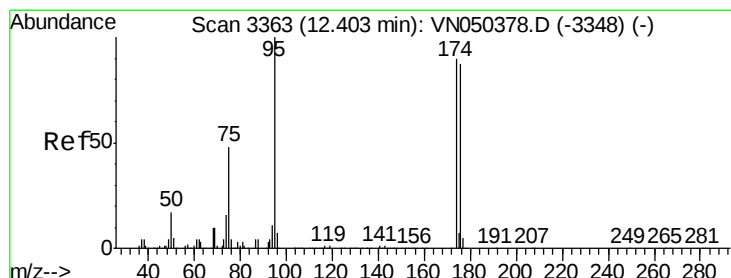
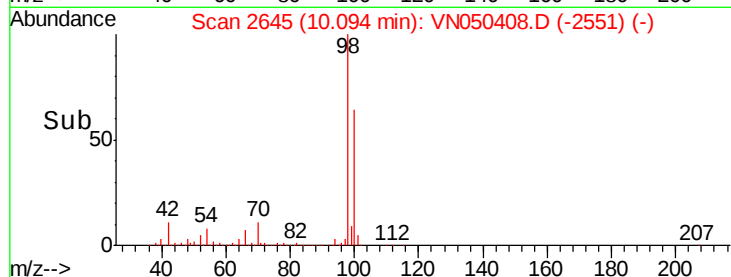
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 37.93 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050408.D

Acq: 7 Aug 2018 2:13

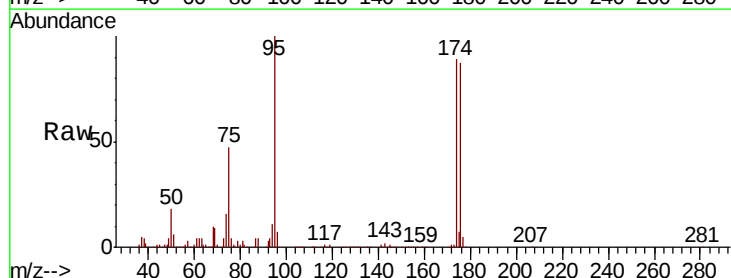
Tgt Ion: 95 Resp: 400979

Ion Ratio Lower Upper

95 100

174 90.7 0.0 178.2

176 87.9 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050378.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050378.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050378.D (-3348) (-)

12.40

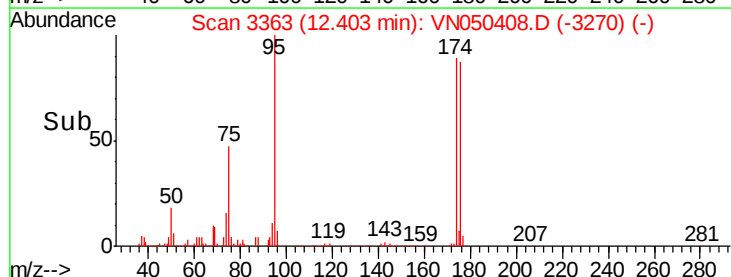
300000

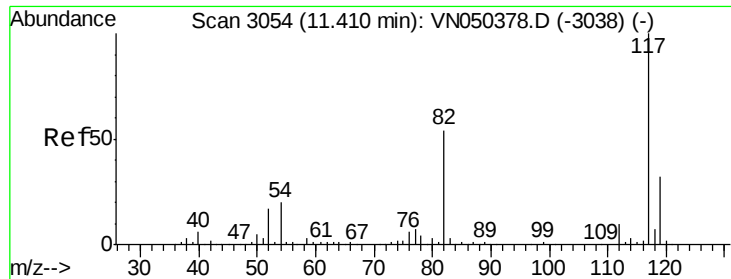
200000

100000

0

Time-->

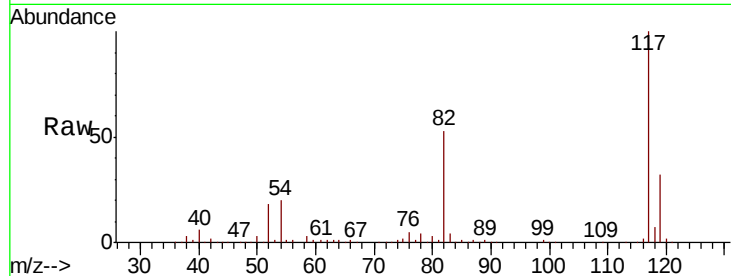




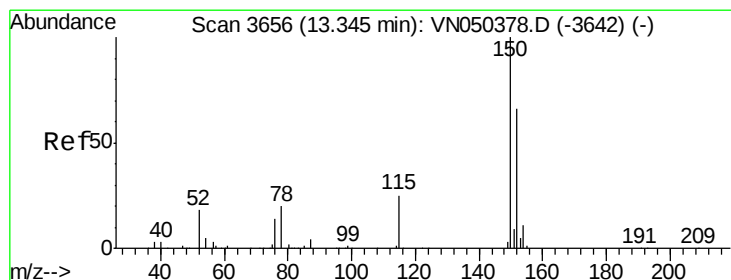
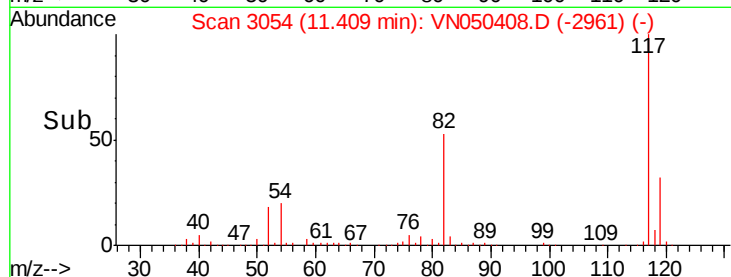
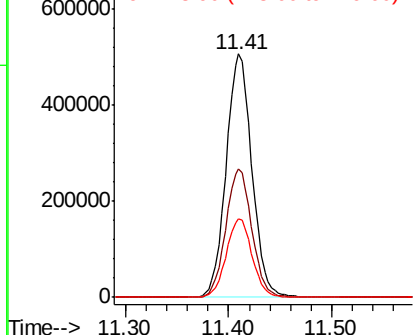
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050408.D
Acq: 7 Aug 2018 2:13

Instrument :
MSVOA_N
ClientSampleId :
SV30518L

Tot Ion:117 Resp: 881163
Ion Ratio Lower Upper
117 100
82 52.9 43.7 65.5
119 32.2 26.1 39.1

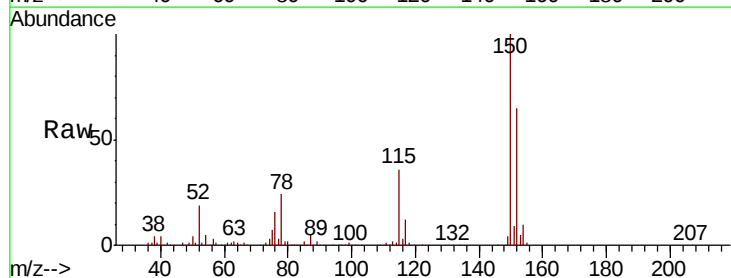


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

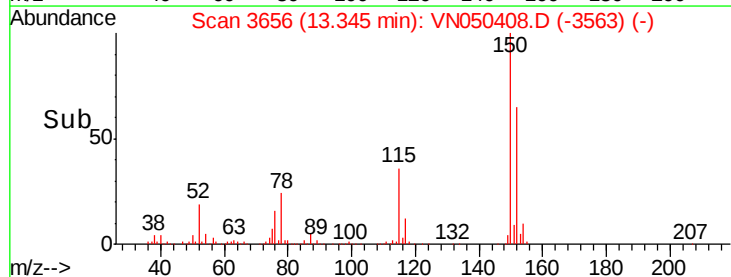
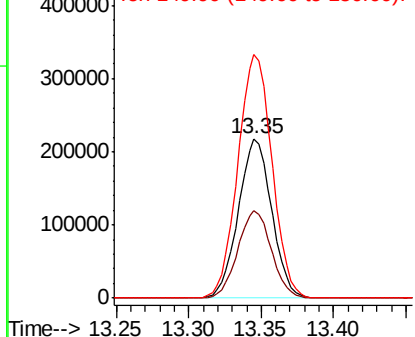


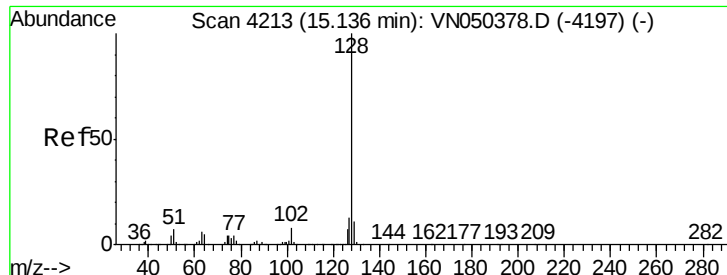
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050408.D
Acq: 7 Aug 2018 2:13

Tgt Ion:152 Resp: 347900
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.3
150 156.5 0.0 348.6



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





#95

Naphthalene

Concen: 21.88 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050408.D

Acq: 7 Aug 2018 2:13

Instrument :

MSVOA_N

ClientSampleId :

SV30518L

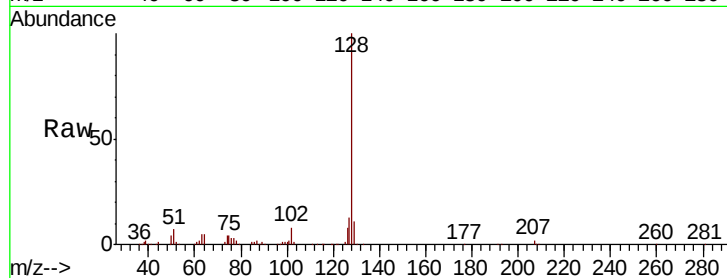
Tot Ion:128 Resp: 331621

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 10.9 8.8 13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

