

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073018\
 Data File : VN050197.D
 Acq On : 30 Jul 2018 19:17
 Operator : MD\SY
 Sample : J4221-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ECMW-01

Quant Time: Jul 31 15:25:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	657130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1078546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	900456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	340782	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	466430	50.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.74%	
35) Dibromofluoromethane	7.59	113	413831	46.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.98%	
50) Toluene-d8	10.09	98	1452879	44.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.76%	
62) 4-Bromofluorobenzene	12.40	95	411021	38.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	77.12%	

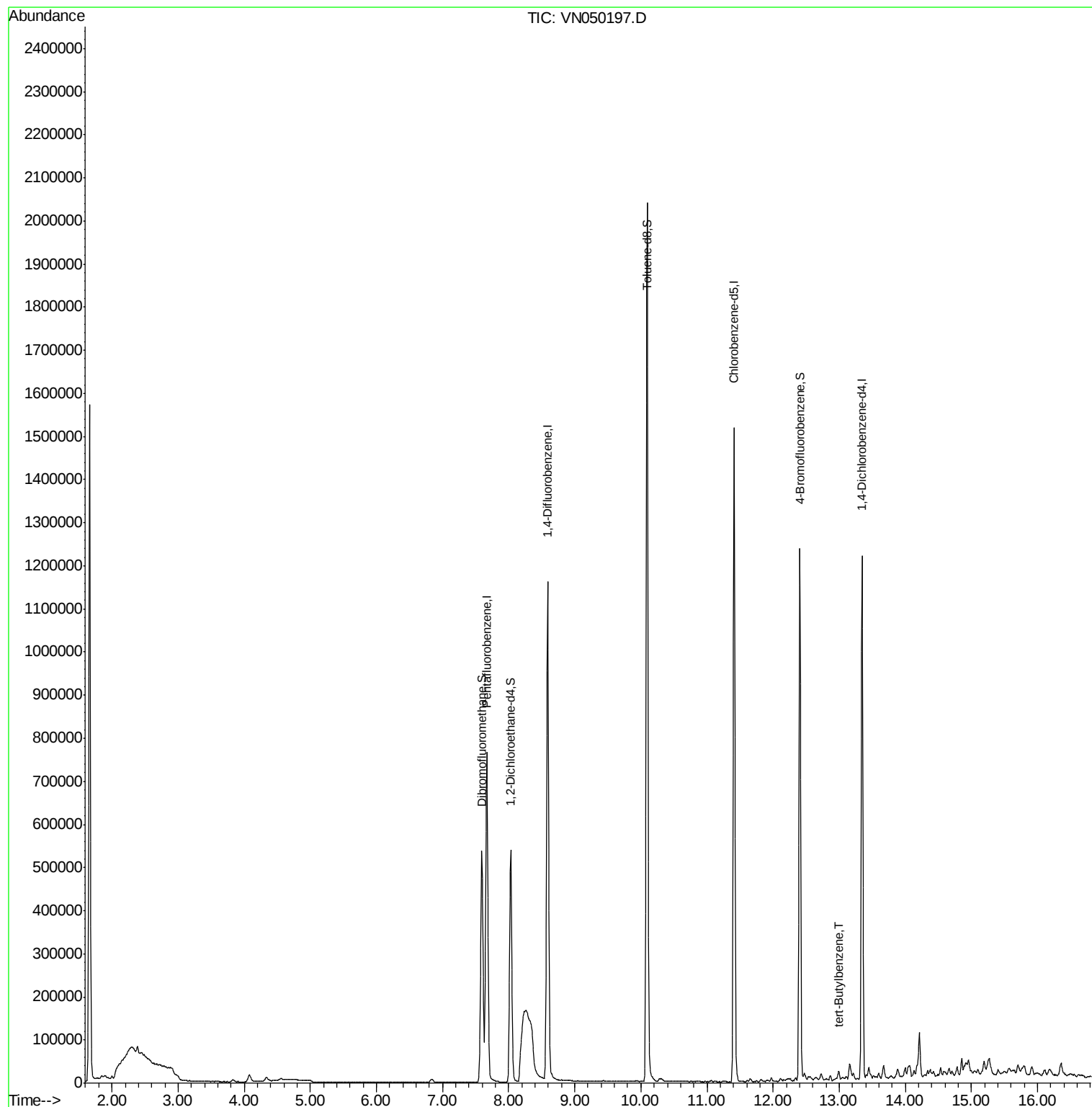
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
83) tert-Butylbenzene	12.99	119	8350	0.46	ug/l	98

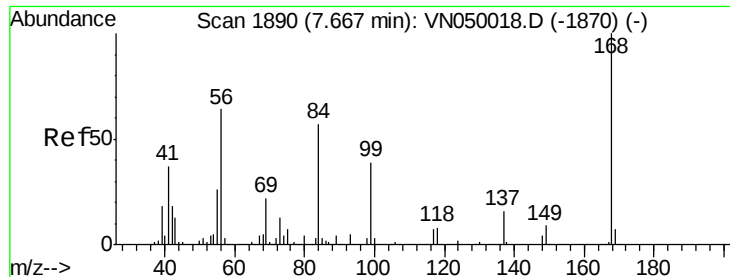
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050197.D

Acq: 30 Jul 2018 19:17

Instrument :

MSVOA_N

ClientSampleId :

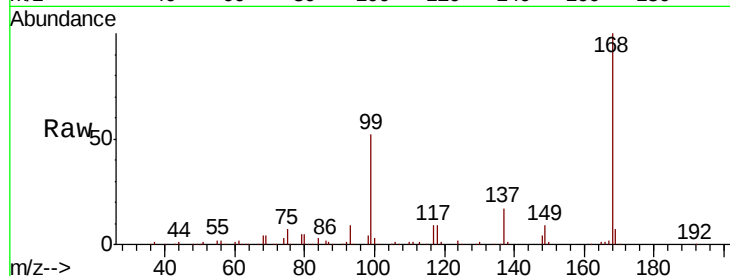
ECMW-01

Tot Ion:168 Resp: 657130

Ion Ratio Lower Upper

168 100

99 51.6 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

300000

250000

200000

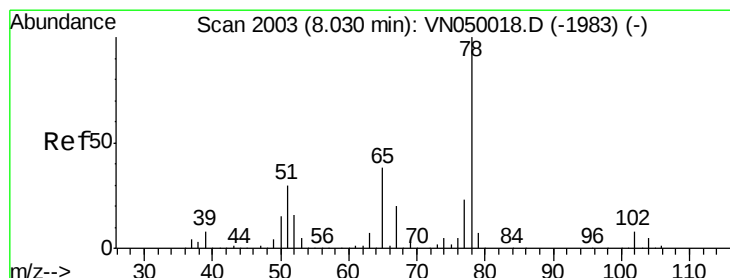
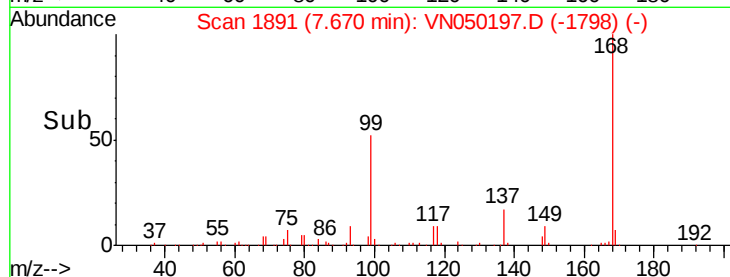
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.87 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050197.D

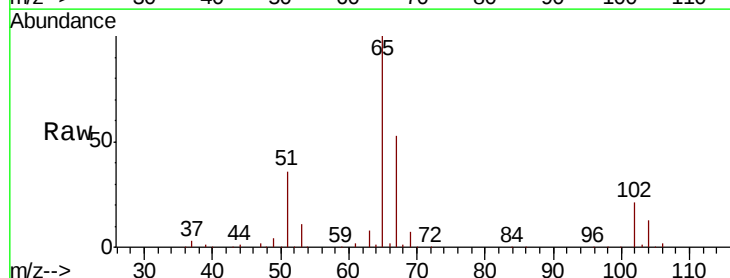
Acq: 30 Jul 2018 19:17

Tgt Ion: 65 Resp: 466430

Ion Ratio Lower Upper

65 100

67 53.3 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

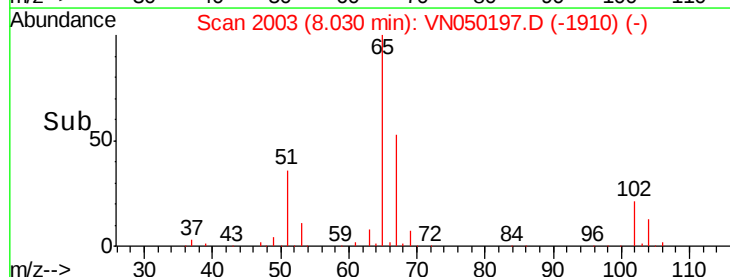
150000

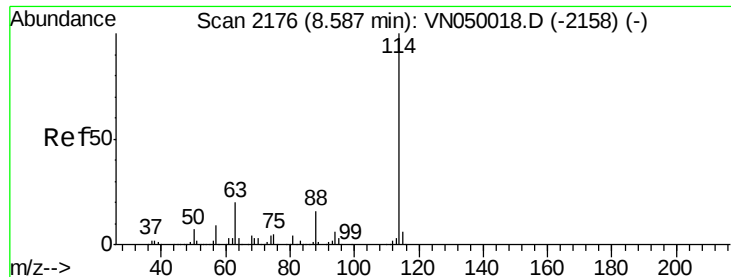
100000

50000

0

Time-->

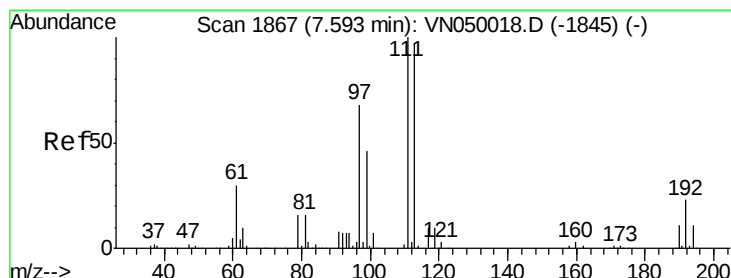
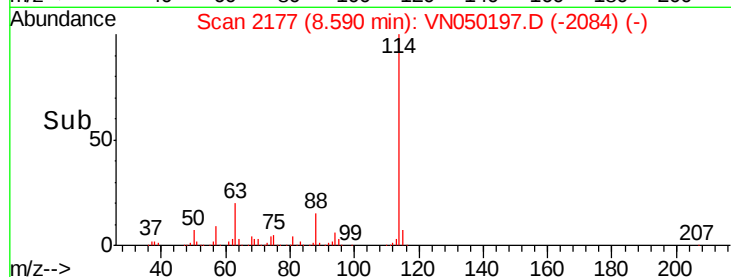
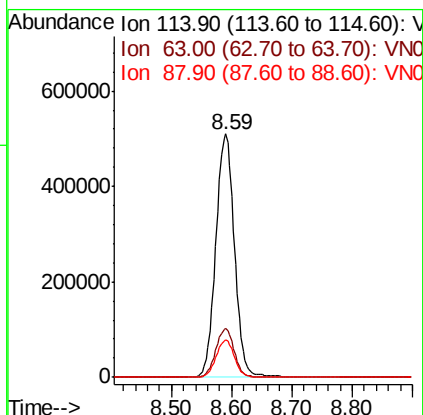
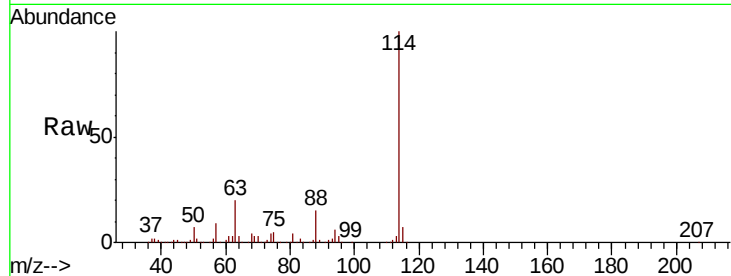




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050197.D
 Acq: 30 Jul 2018 19:17

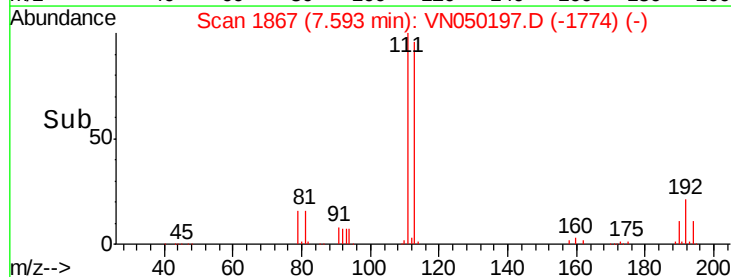
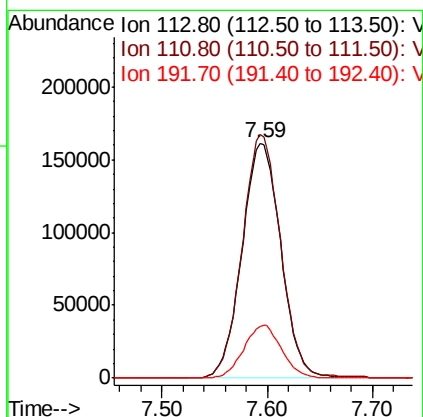
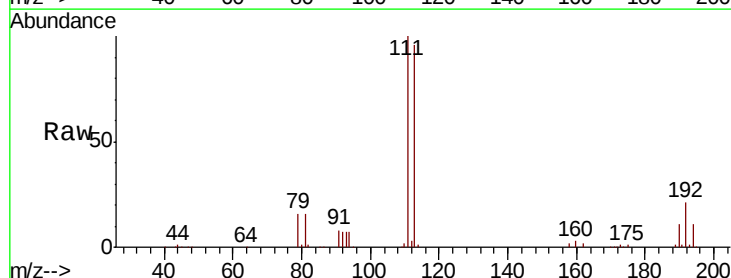
Instrument :
 MSVOA_N
 ClientSampleId :
 ECMW-01

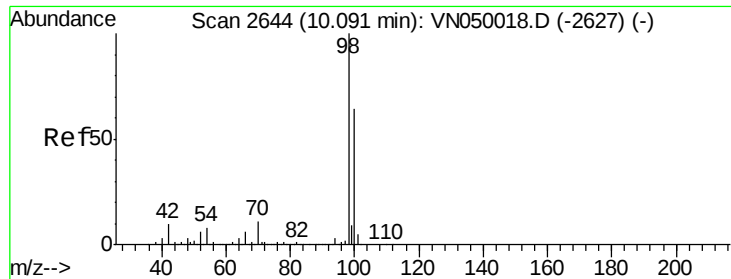
Tot Ion:114 Resp: 1078546
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.3 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 46.99 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050197.D
 Acq: 30 Jul 2018 19:17

Tgt Ion:113 Resp: 413831
 Ion Ratio Lower Upper
 113 100
 111 102.6 80.7 121.1
 192 22.1 17.8 26.6





#50

Toluene-d8

Concen: 44.88 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050197.D

Acq: 30 Jul 2018 19:17

Instrument :

MSVOA_N

ClientSampleId :

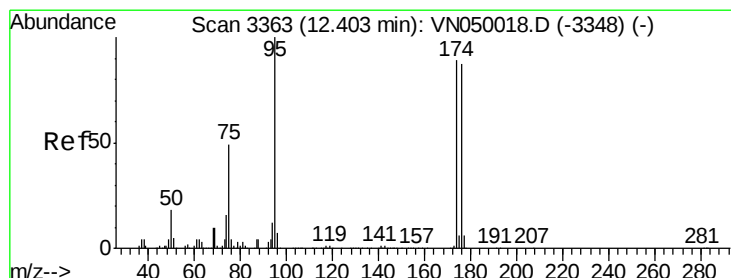
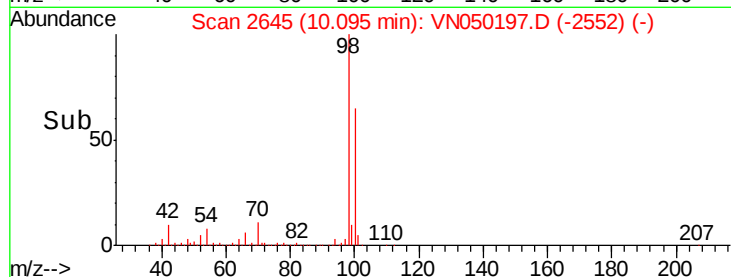
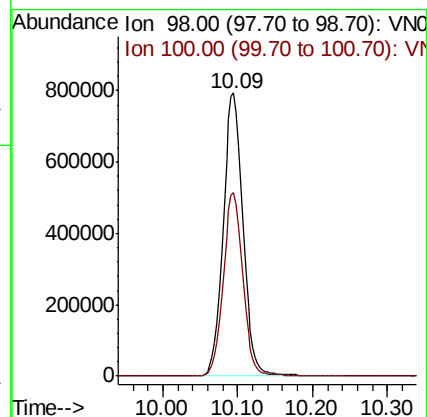
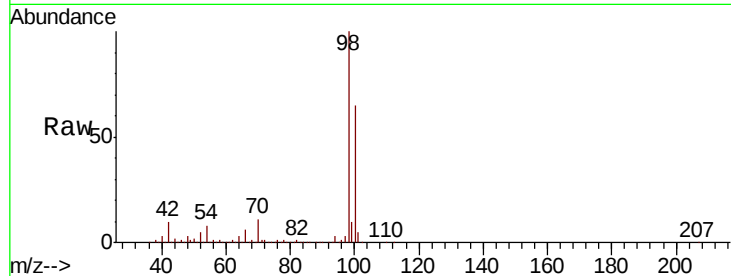
ECMW-01

Tot Ion: 98 Resp: 1452879

Ion Ratio Lower Upper

98 100

100 64.2 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 38.56 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050197.D

Acq: 30 Jul 2018 19:17

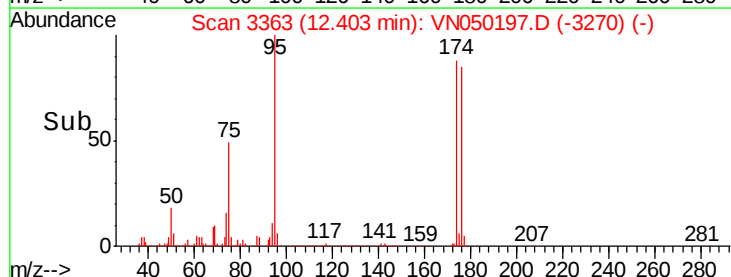
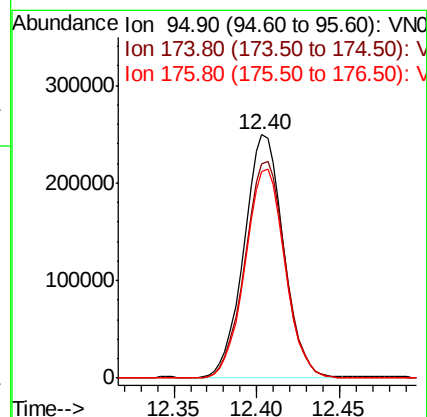
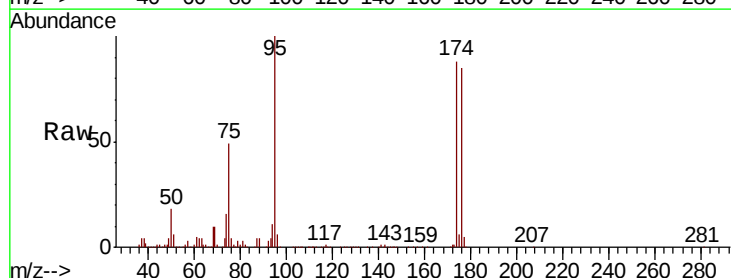
Tgt Ion: 95 Resp: 411021

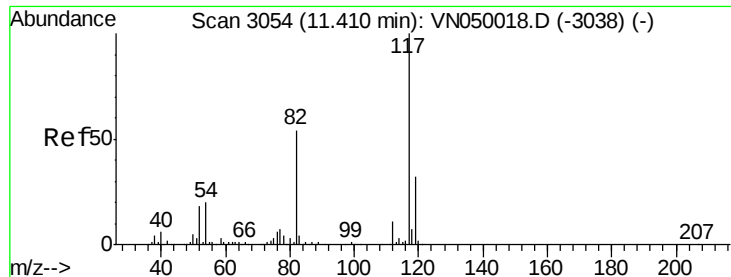
Ion Ratio Lower Upper

95 100

174 91.6 0.0 178.2

176 87.3 0.0 173.4

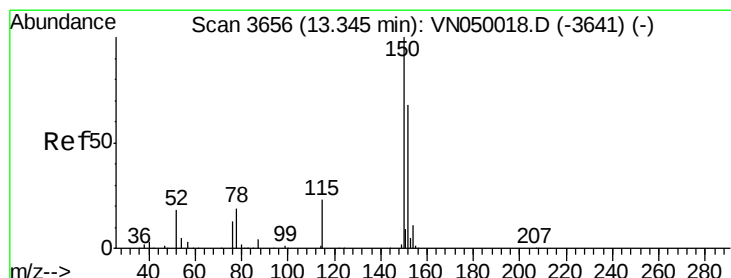
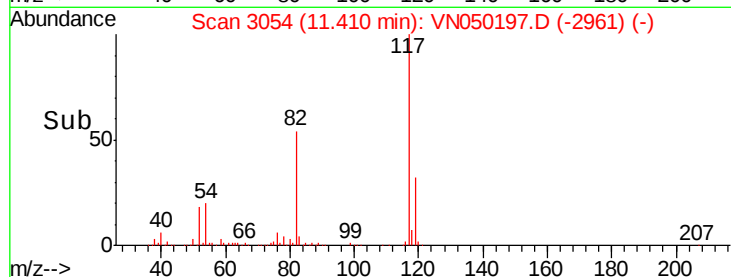
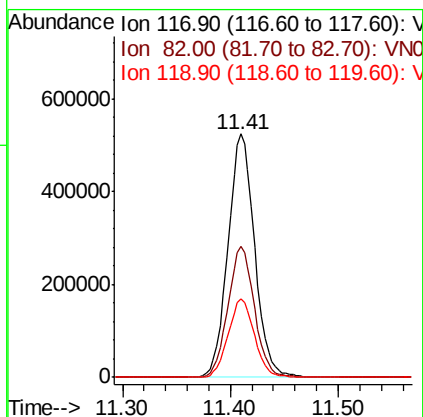
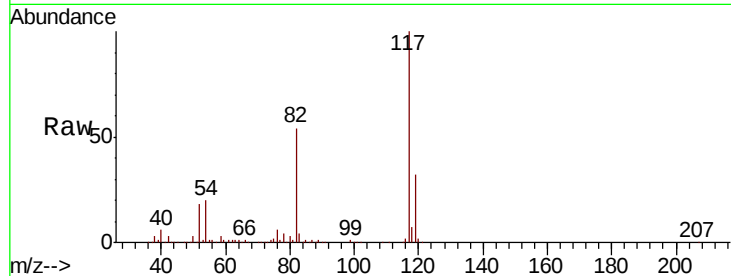




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050197.D
Acq: 30 Jul 2018 19:17

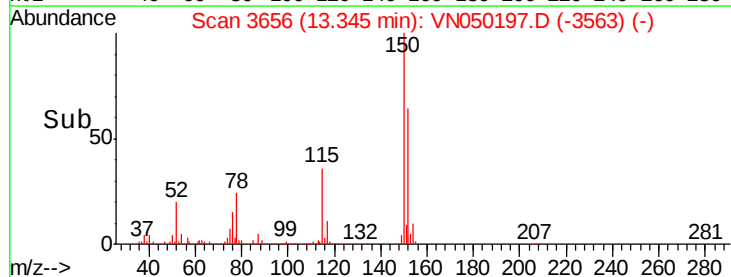
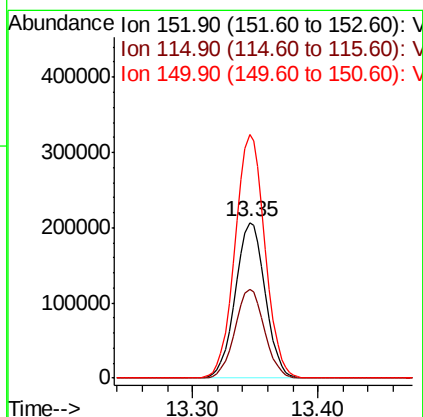
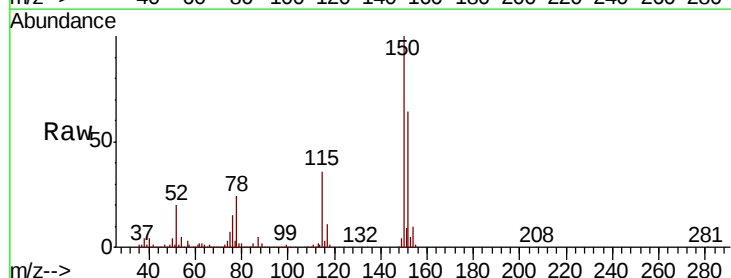
Instrument :
MSVOA_N
ClientSampleId :
ECMW-01

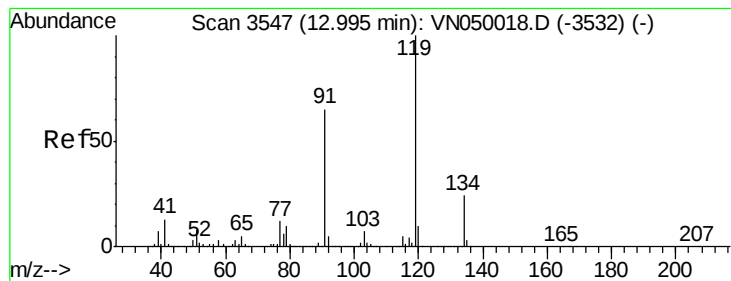
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.7	65.5
119	32.0	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050197.D
Acq: 30 Jul 2018 19:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	27.8	83.3
150	156.8	0.0	348.6





#83

tert-Butylbenzene

Concen: 0.46 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN050197.D

Acq: 30 Jul 2018 19:17

Instrument :

MSVOA_N

ClientSampleId :

ECMW-01

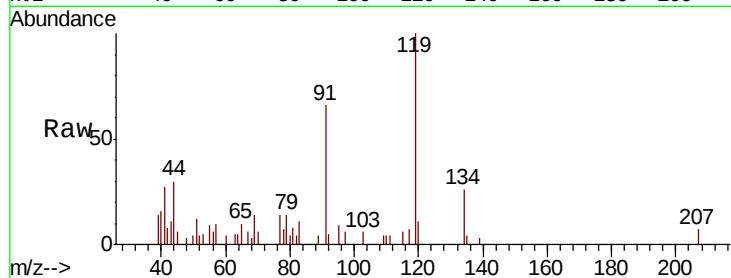
Tot Ion:119 Resp: 8350

Ion Ratio Lower Upper

119 100

91 63.9 32.1 96.3

134 22.8 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V

