

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080818\
 Data File : VN050472.D
 Acq On : 8 Aug 2018 20:37
 Operator : MD\SY
 Sample : J4380-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-28

Quant Time: Aug 09 09:48:19 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	814981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1238827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1034320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	389132	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	506411	46.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.02%	
35) Dibromofluoromethane	7.59	113	467504	47.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.06%	
50) Toluene-d8	10.09	98	1672767	44.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.52%	
62) 4-Bromofluorobenzene	12.40	95	480469	37.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	75.44%	

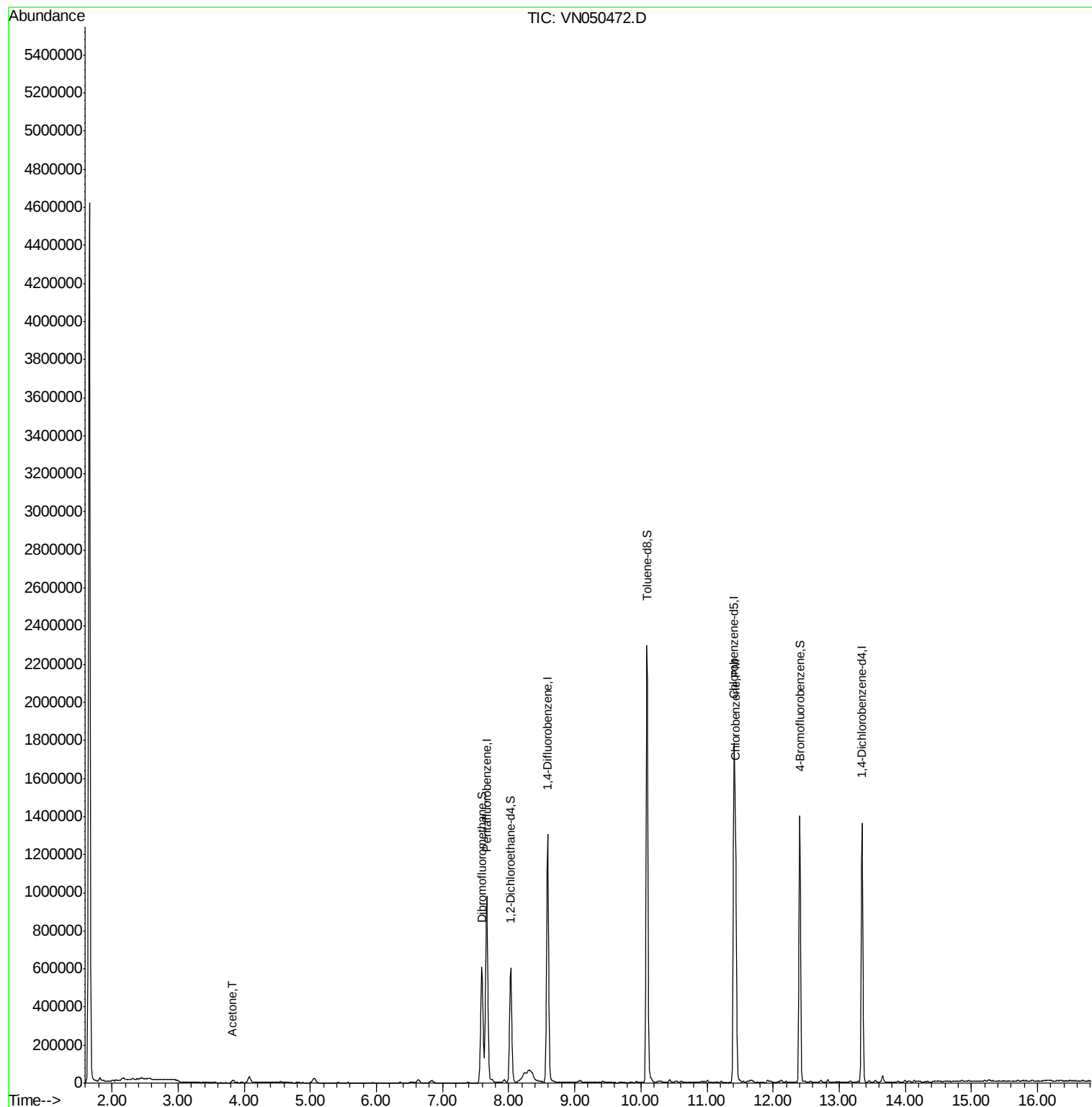
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	21808	6.37	ug/l	99
65) Chlorobenzene	11.44	112	662484	25.55	ug/l	100

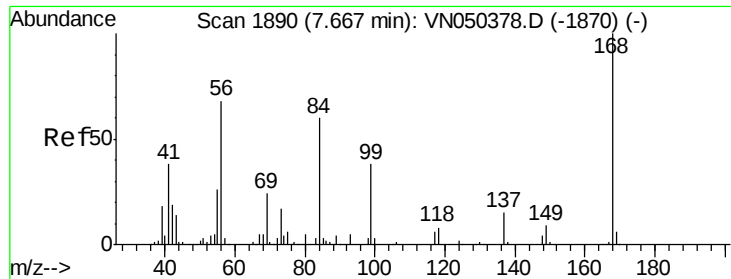
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050472.D

Acq: 8 Aug 2018 20:37

Instrument :

MSVOA_N

ClientSampled :

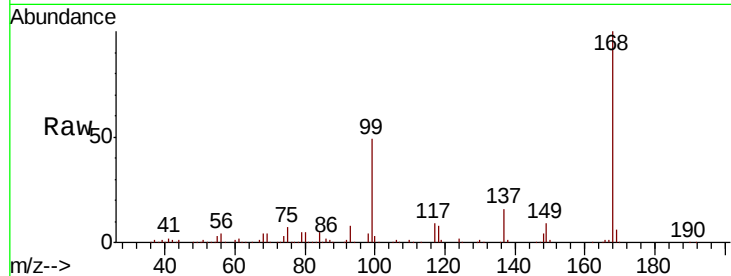
MW-28

Tot Ion:168 Resp: 814981

Ion Ratio Lower Upper

168 100

99 49.1 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

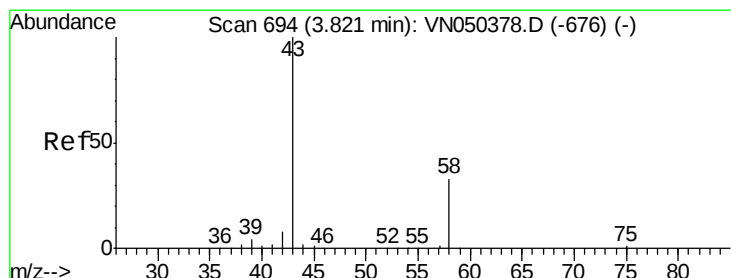
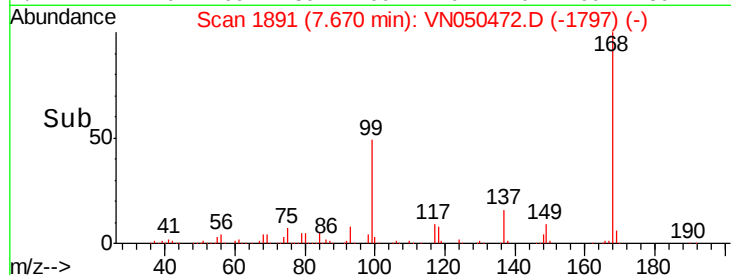
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.37 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050472.D

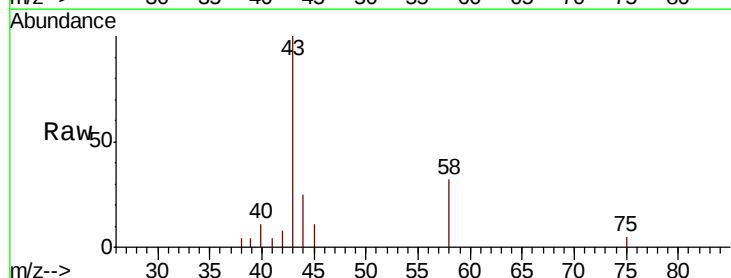
Acq: 8 Aug 2018 20:37

Tgt Ion: 43 Resp: 21808

Ion Ratio Lower Upper

43 100

58 31.6 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050378.D (-676) (-)

3.82

8000

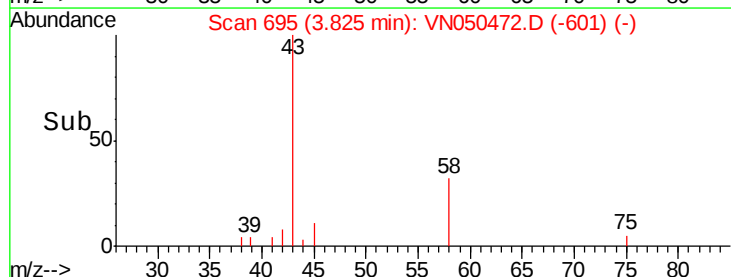
6000

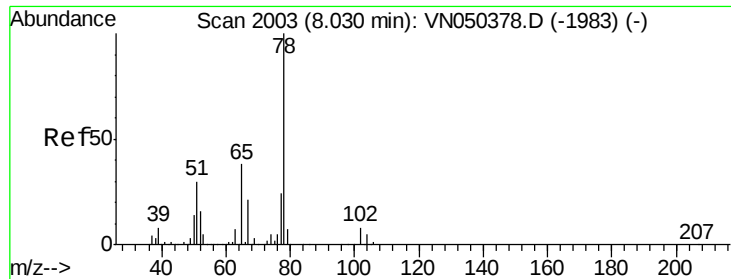
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.51 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050472.D

Acq: 8 Aug 2018 20:37

Instrument :

MSVOA_N

ClientSampleId :

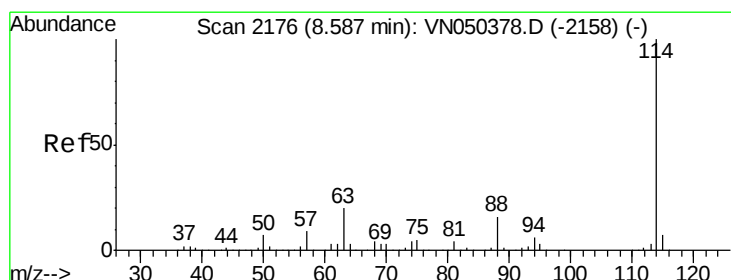
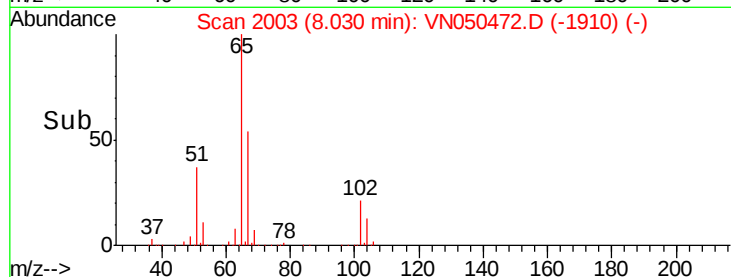
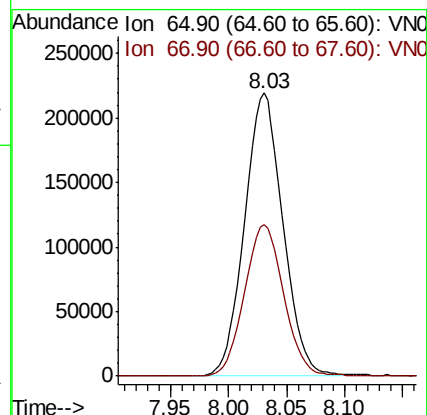
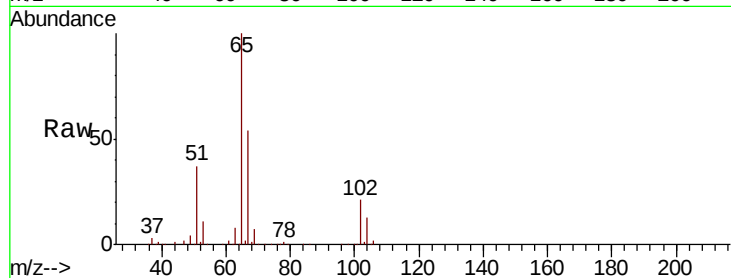
MW-28

Tot Ion: 65 Resp: 506411

Ion Ratio Lower Upper

65 100

67 54.8 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050472.D

Acq: 8 Aug 2018 20:37

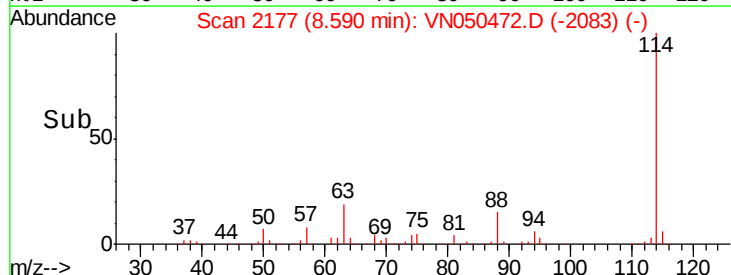
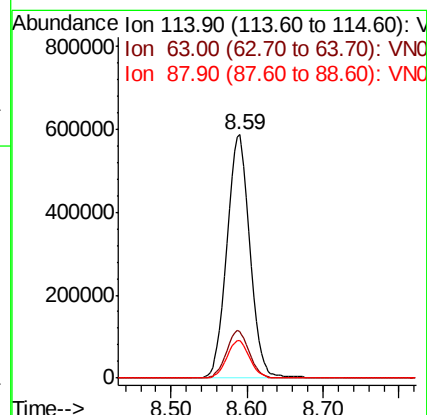
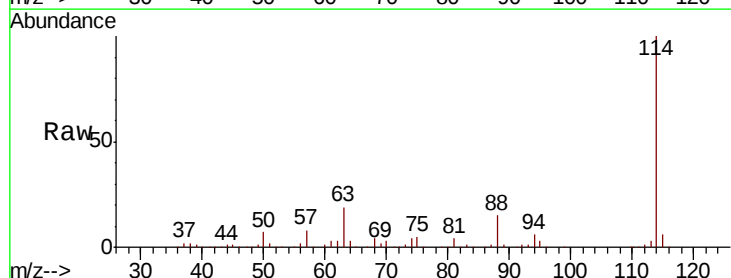
Tgt Ion: 114 Resp: 1238827

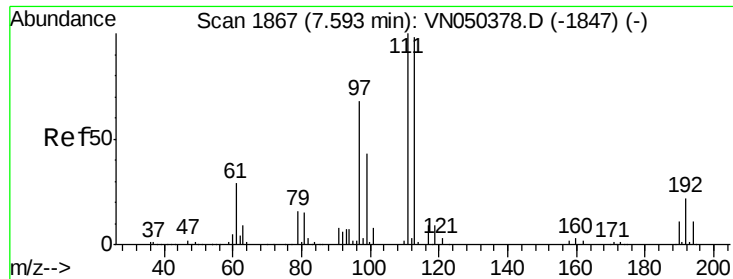
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 15.4 0.0 31.2

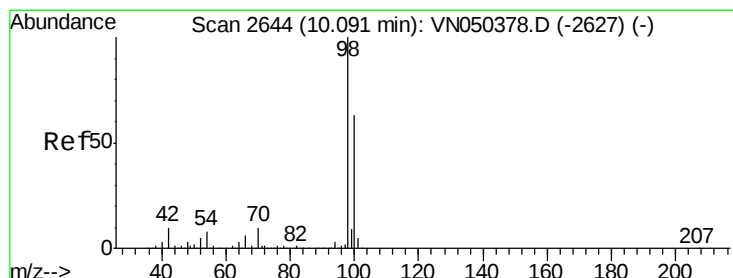
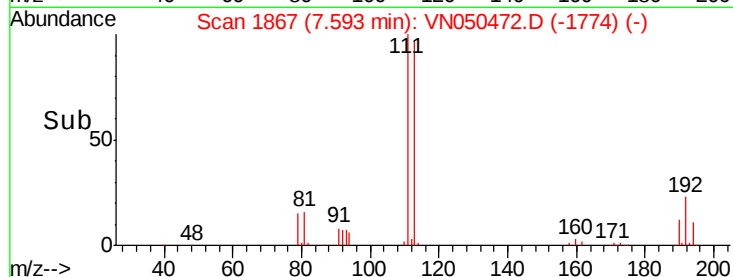
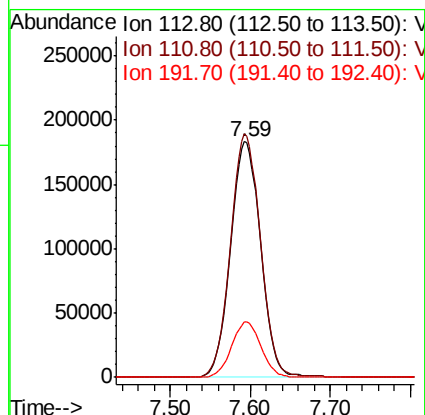
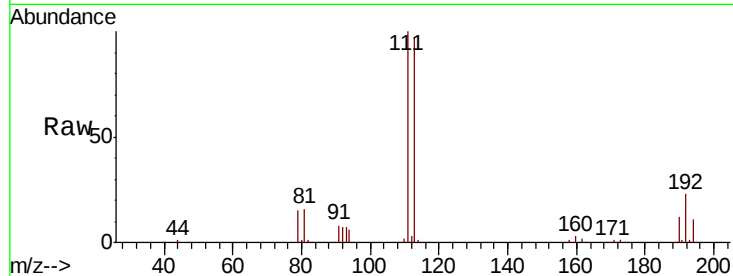




#35
 Dibromofluoromethane
 Concen: 47.03 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050472.D
 Acq: 8 Aug 2018 20:37

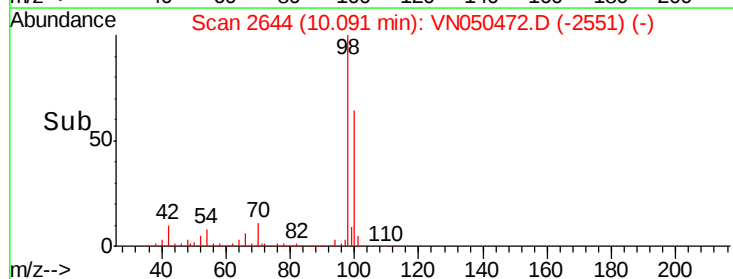
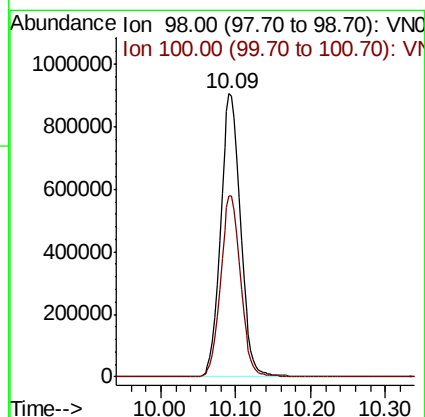
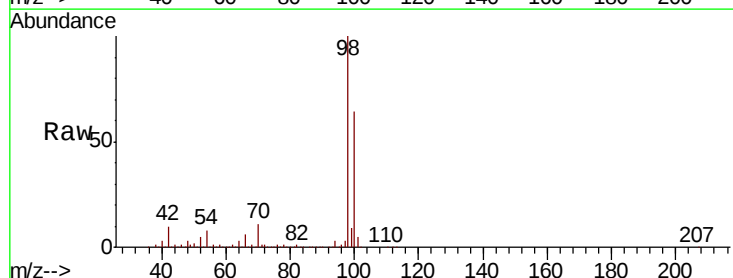
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-28

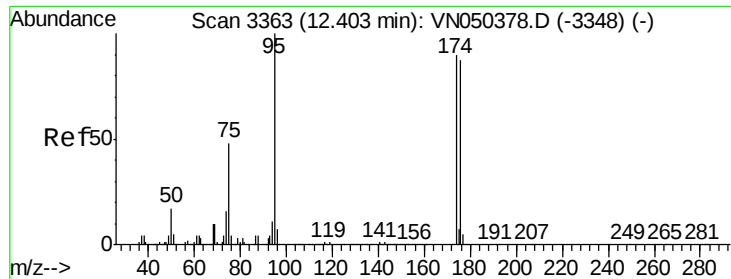
Tot Ion:113 Resp: 467504
 Ion Ratio Lower Upper
 113 100
 111 102.8 80.7 121.1
 192 23.0 17.8 26.6



#50
 Toluene-d8
 Concen: 44.76 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. -0.00 min
 Lab File: VN050472.D
 Acq: 8 Aug 2018 20:37

Tgt Ion: 98 Resp: 1672767
 Ion Ratio Lower Upper
 98 100
 100 64.1 50.7 76.1

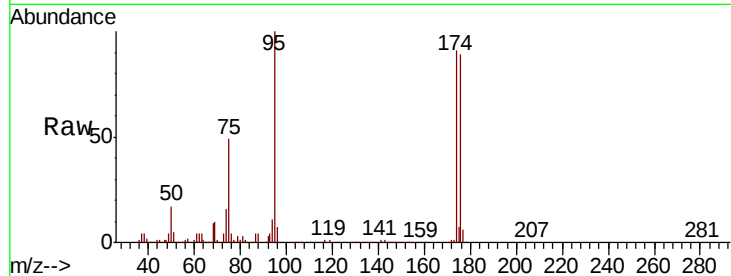




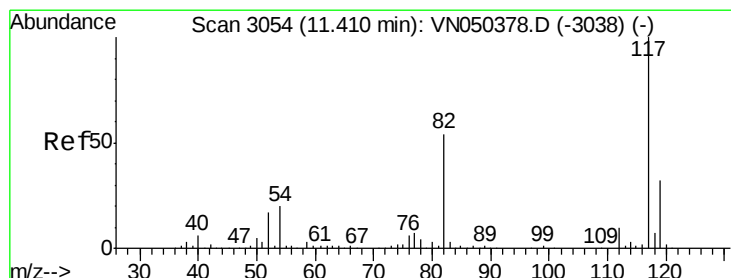
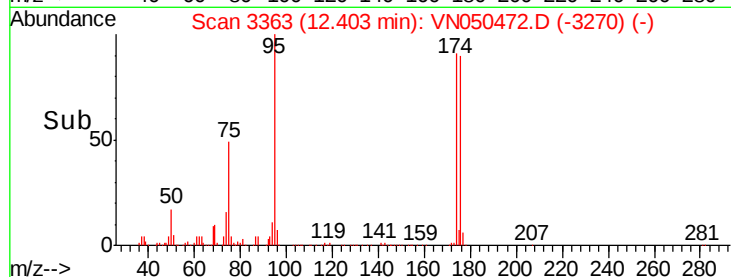
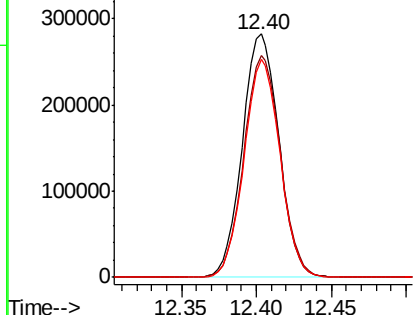
#62
4-Bromofluorobenzene
Concen: 37.72 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050472.D
Acq: 8 Aug 2018 20:37

Instrument :
MSVOA_N
ClientSampleId :
MW-28

Tot Ion: 95 Resp: 480469
Ion Ratio Lower Upper
95 100
174 91.2 0.0 178.2
176 88.1 0.0 173.4

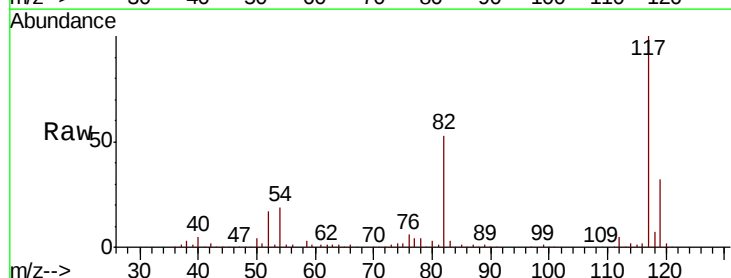


Abundance Ion 94.90 (94.60 to 95.60): VN050378.D (-3348) (-)
Ion 173.80 (173.50 to 174.50): VN050378.D (-3348) (-)
Ion 175.80 (175.50 to 176.50): VN050378.D (-3348) (-)

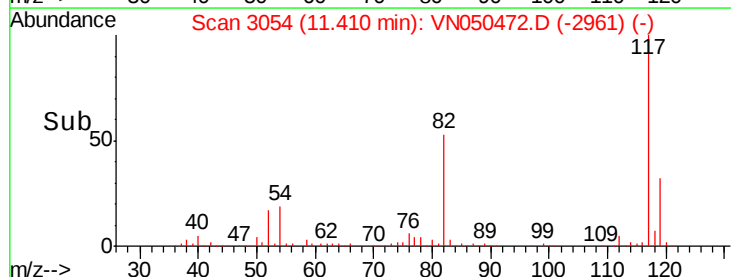
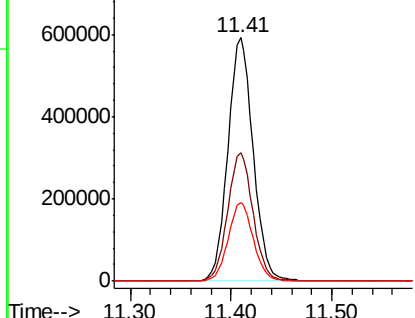


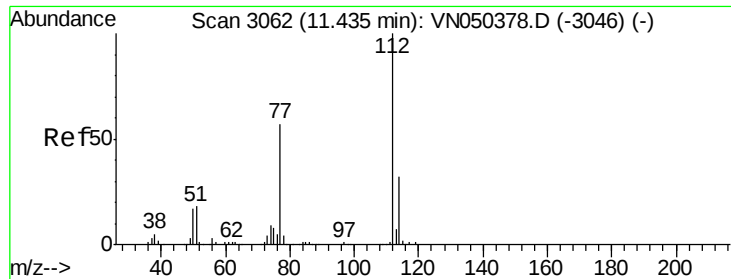
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050472.D
Acq: 8 Aug 2018 20:37

Tgt Ion: 117 Resp: 1034320
Ion Ratio Lower Upper
117 100
82 52.9 43.7 65.5
119 32.5 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): VN050378.D (-3038) (-)
Ion 82.00 (81.70 to 82.70): VN050378.D (-3038) (-)
Ion 118.90 (118.60 to 119.60): VN050378.D (-3038) (-)

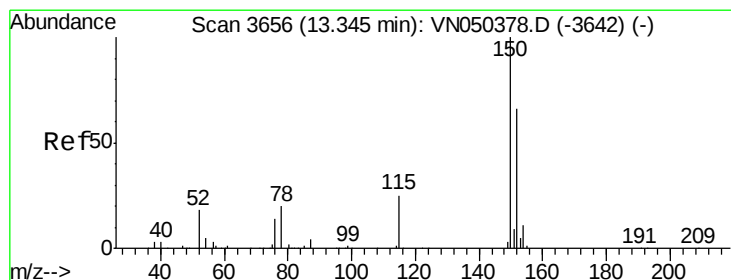
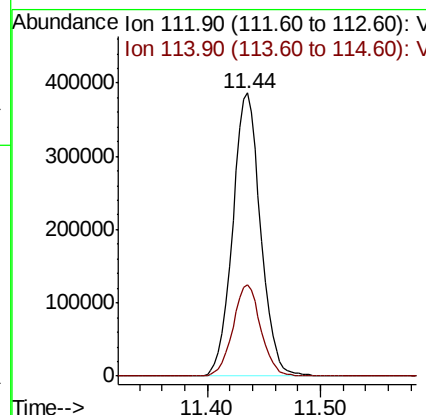
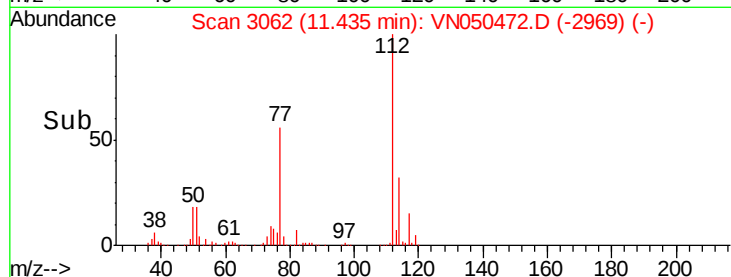
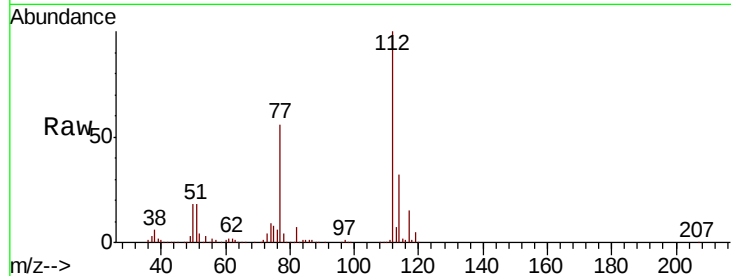




#65
Chlorobenzene
Concen: 25.55 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN050472.D
Acq: 8 Aug 2018 20:37

Instrument :
MSVOA_N
ClientSampled :
MW-28

Tot Ion:112 Resp: 662484
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050472.D
Acq: 8 Aug 2018 20:37

Tgt Ion:152 Resp: 389132
Ion Ratio Lower Upper
152 100
115 55.9 27.8 83.3
150 157.5 0.0 348.6

