

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050634.D
 Acq On : 15 Aug 2018 5:10
 Operator : MD\SY
 Sample : J4465-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 953-MW-20(22)

Quant Time: Aug 15 14:40:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

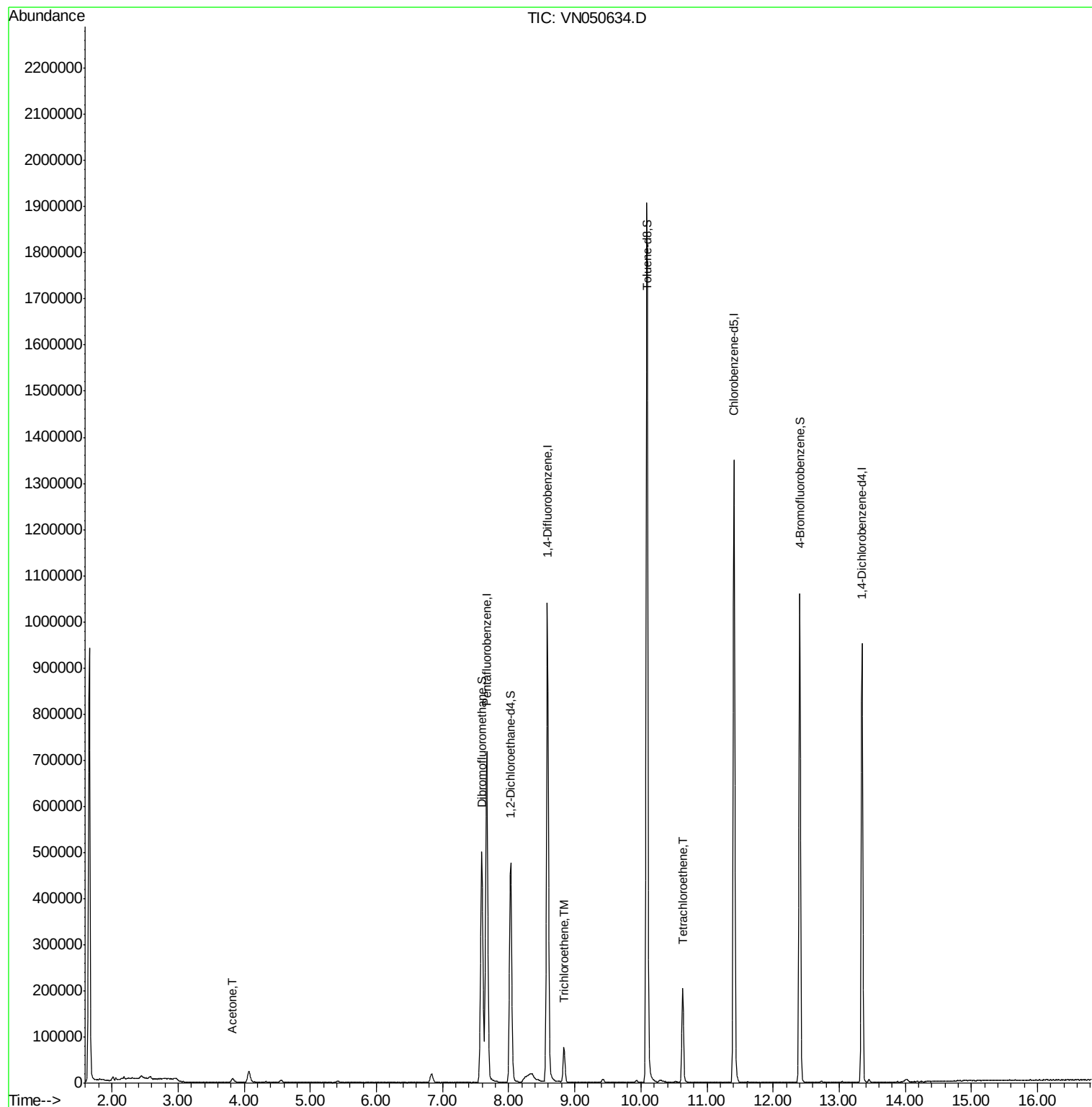
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	617472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	962341	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	834080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	276354	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	410541	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
35) Dibromofluoromethane	7.59	113	389256	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	10.09	98	1381819	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.40	95	357342	37.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.82%	
Target Compounds						
16) Acetone	3.82	43	16501	7.08	ug/l	96
44) Trichloroethene	8.84	130	28216	3.23	ug/l	98
64) Tetrachloroethene	10.63	164	52445	6.77	ug/l	98

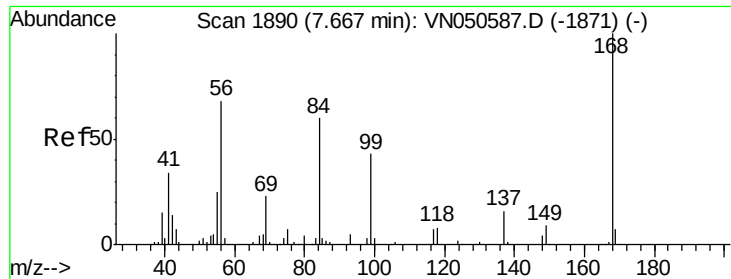
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050634.D

Acq: 15 Aug 2018 5:10

Instrument :

MSVOA_N

ClientSampleId :

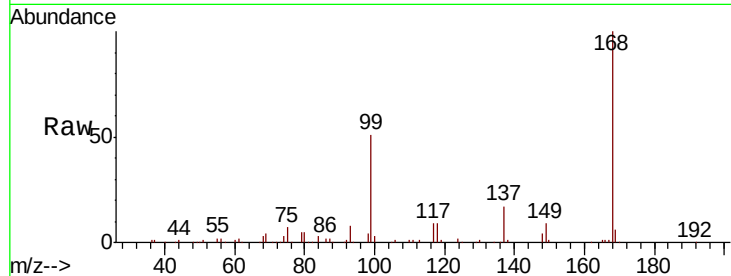
953-MW-20(22)

Tot Ion:168 Resp: 617472

Ion Ratio Lower Upper

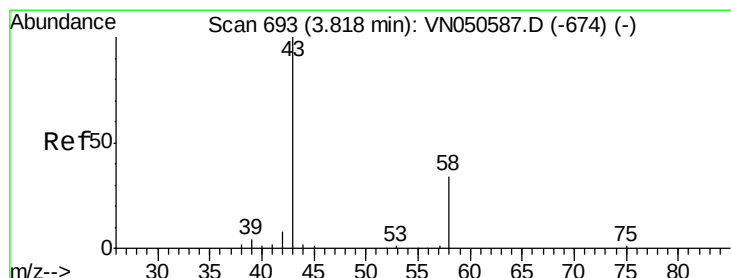
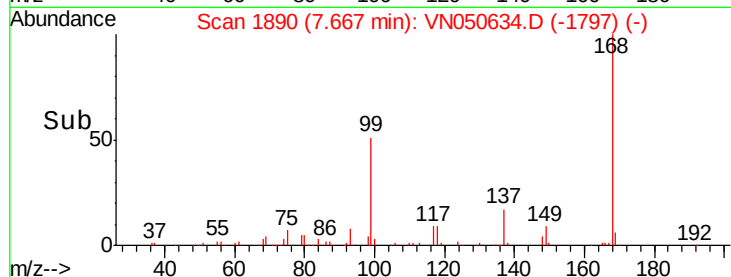
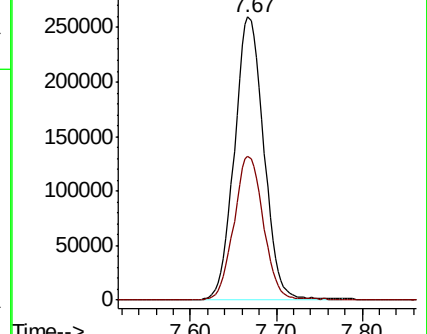
168 100

99 50.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)



#16

Acetone

Concen: 7.08 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050634.D

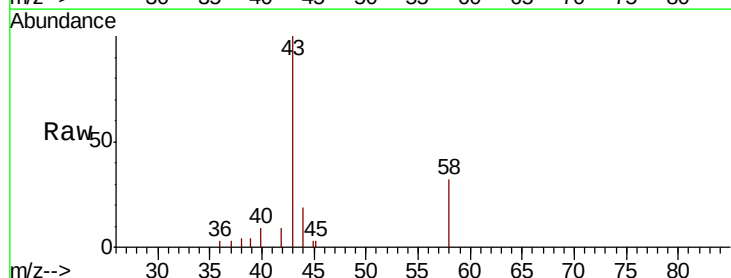
Acq: 15 Aug 2018 5:10

Tgt Ion: 43 Resp: 16501

Ion Ratio Lower Upper

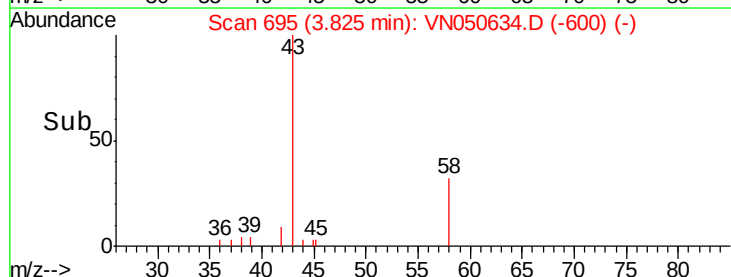
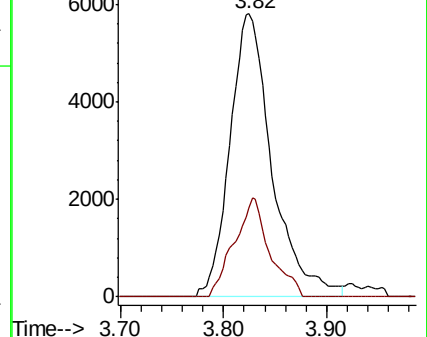
43 100

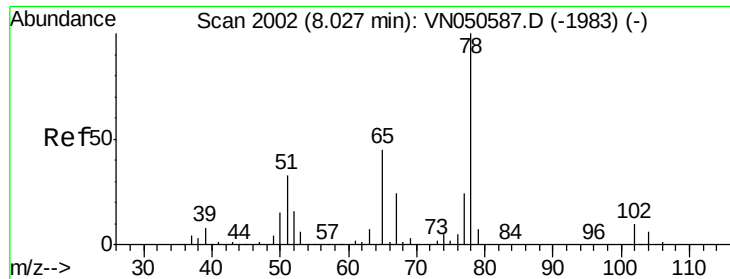
58 31.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN050587.D (-674) (-)





#33

1,2-Dichloroethane-d4

Concen: 52.75 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050634.D

Acq: 15 Aug 2018 5:10

Instrument :

MSVOA_N

ClientSampleId :

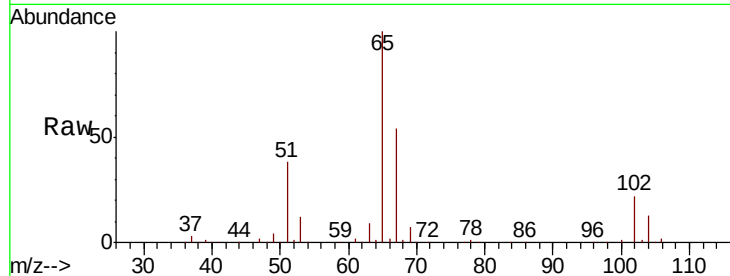
953-MW-20(22)

Tot Ion: 65 Resp: 410541

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN050587.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050587.D (-1983) (-)

8.03

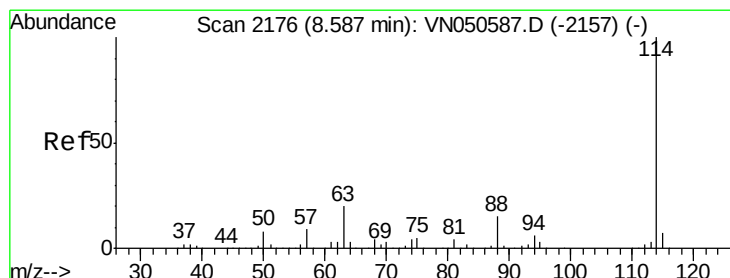
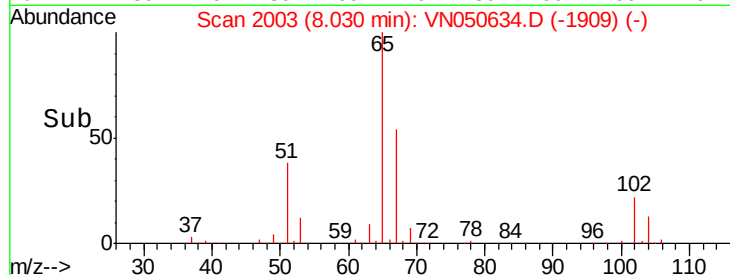
150000

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: VN050634.D

Acq: 15 Aug 2018 5:10

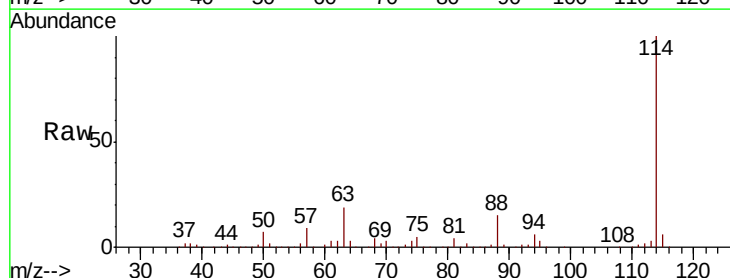
Tgt Ion: 114 Resp: 962341

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 15.2 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN050587.D (-2157) (-)

Ion 63.00 (62.70 to 63.70): VN050587.D (-2157) (-)

Ion 87.90 (87.60 to 88.60): VN050587.D (-2157) (-)

8.59

600000

500000

400000

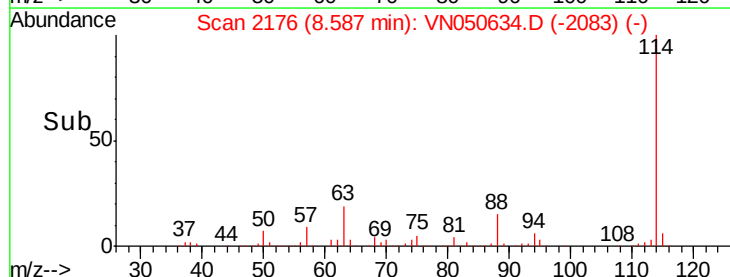
300000

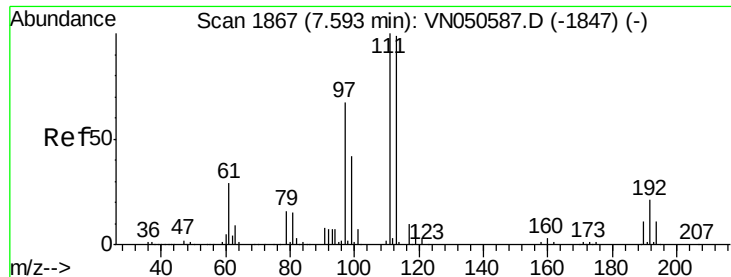
200000

100000

0

Time-->

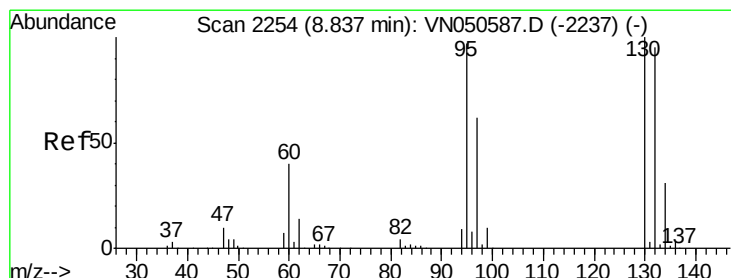
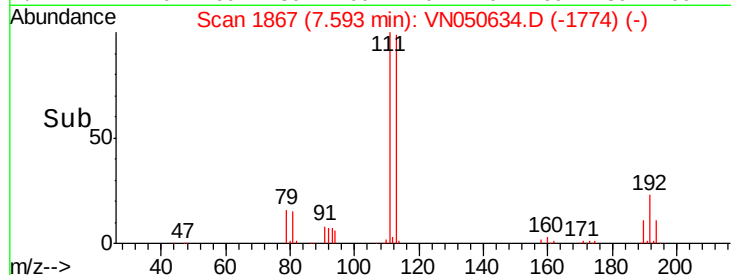
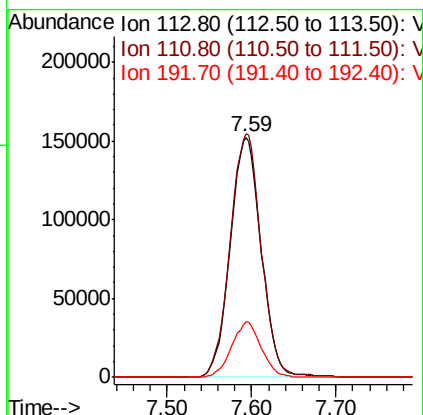
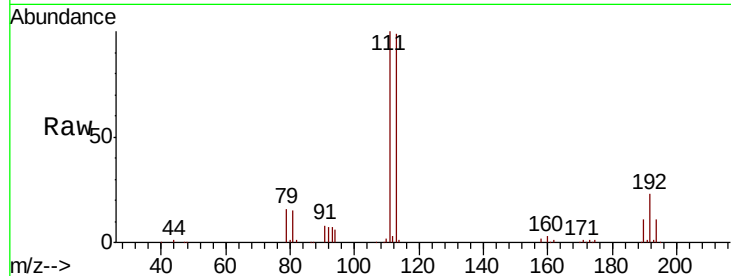




#35
 Dibromofluoromethane
 Concen: 50.66 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050634.D
 Acq: 15 Aug 2018 5:10

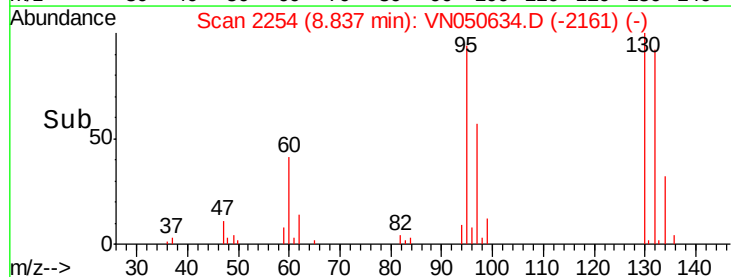
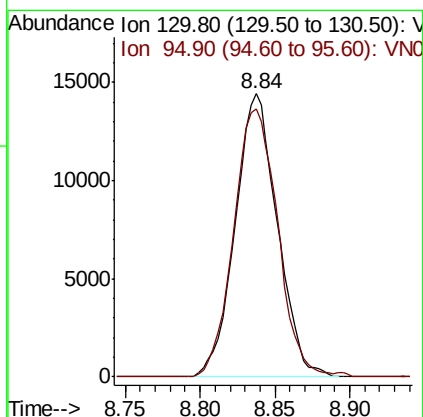
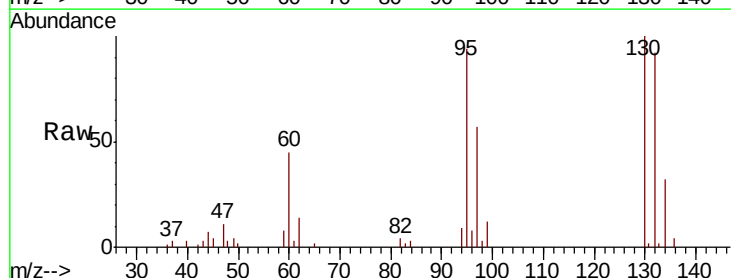
Instrument :
 MSVOA_N
 ClientSampleId :
 953-MW-20(22)

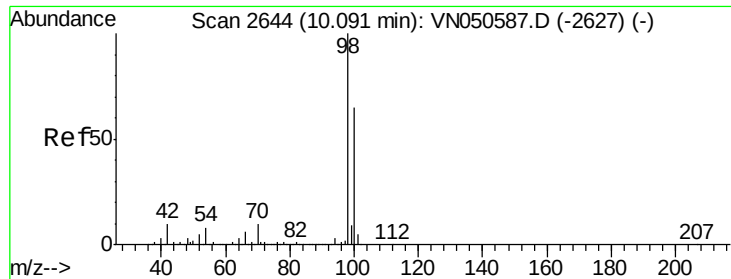
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.0	121.6
192	22.3	17.6	26.4



#44
 Trichloroethene
 Concen: 3.23 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VN050634.D
 Acq: 15 Aug 2018 5:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	193.8

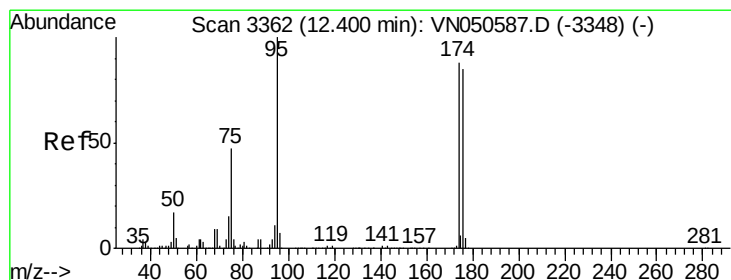
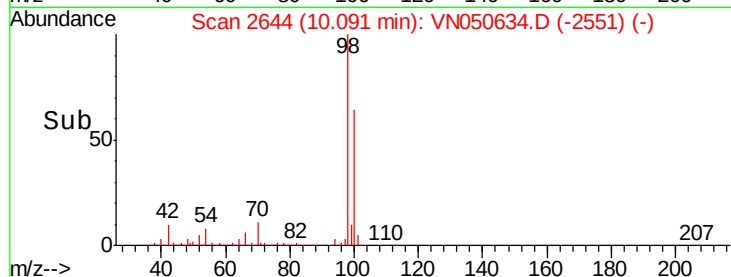
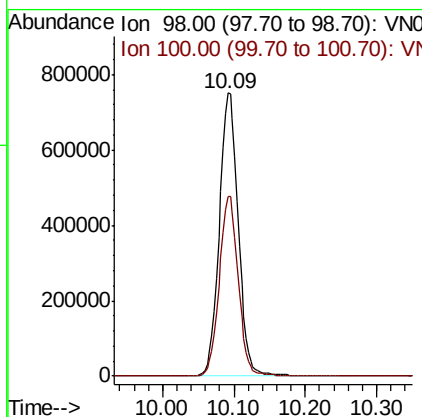
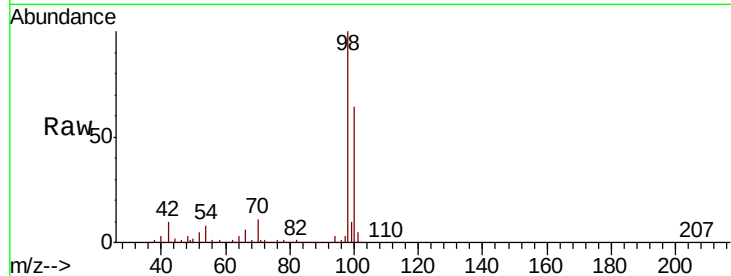




#50
Toluene-d8
Concen: 47.79 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050634.D
Acq: 15 Aug 2018 5:10

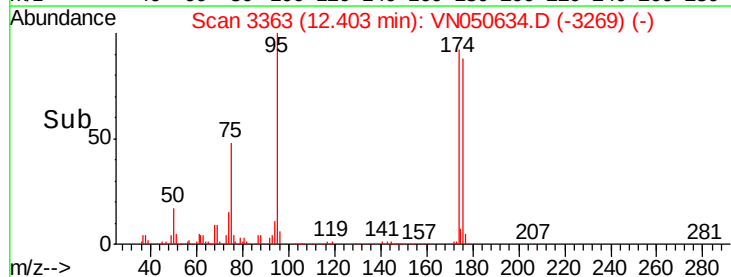
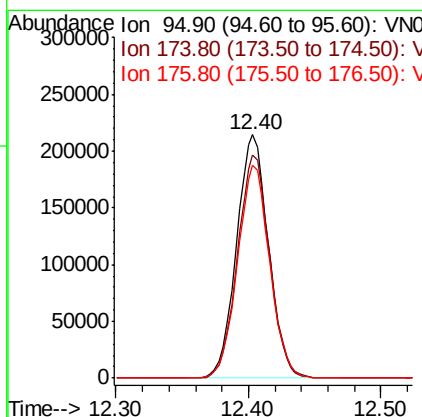
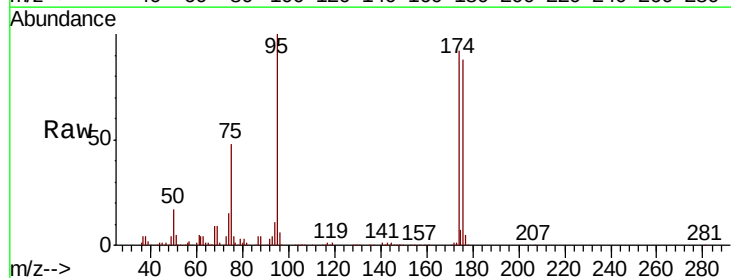
Instrument :
MSVOA_N
ClientSampleId :
953-MW-20(22)

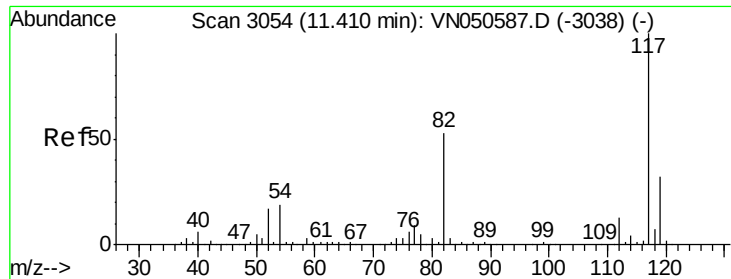
Tot Ion: 98 Resp: 1381819
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 37.41 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050634.D
Acq: 15 Aug 2018 5:10

Tgt Ion: 95 Resp: 357342
Ion Ratio Lower Upper
95 100
174 92.6 0.0 177.8
176 88.2 0.0 175.0

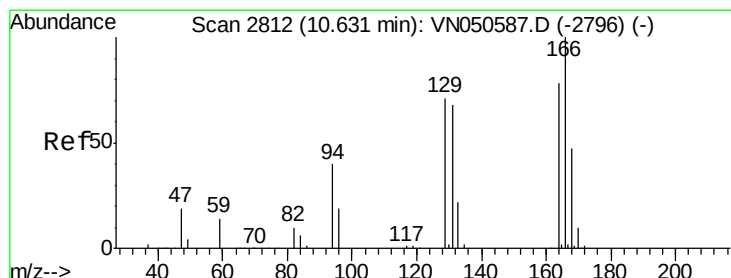
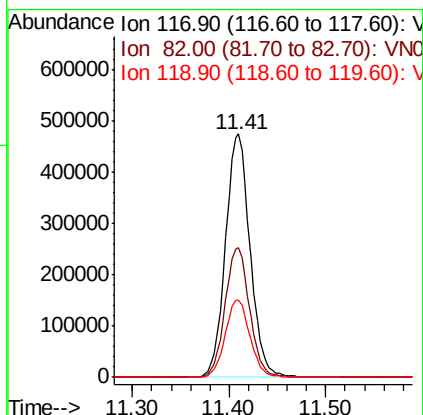
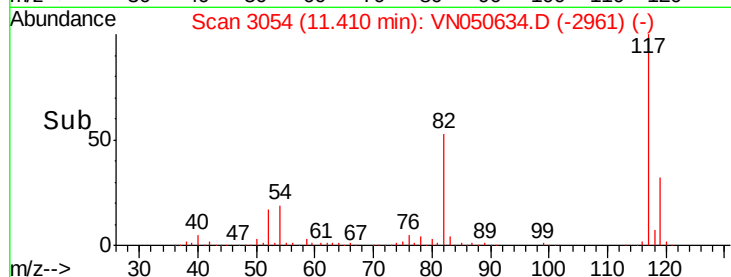
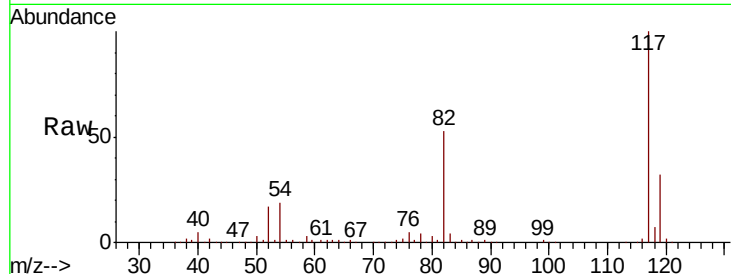




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050634.D
Acq: 15 Aug 2018 5:10

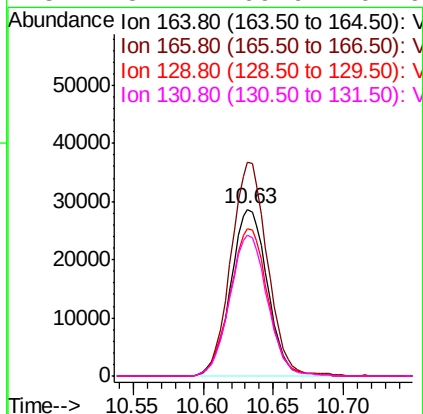
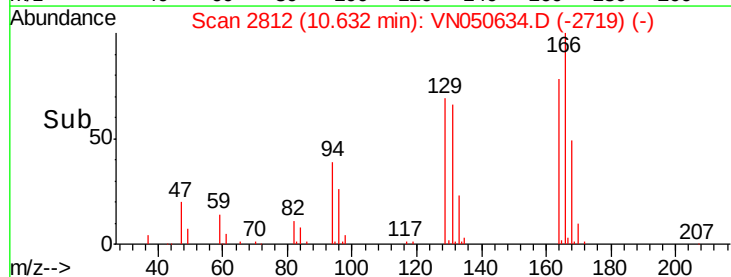
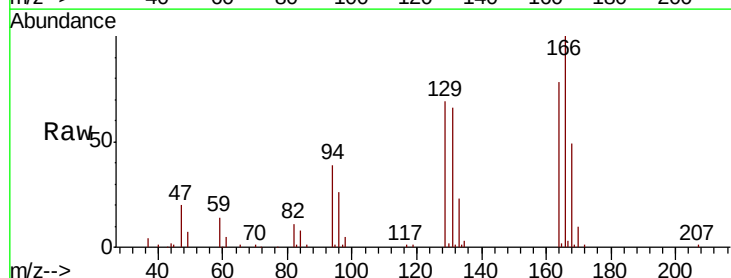
Instrument :
MSVOA_N
ClientSampleId :
953-MW-20(22)

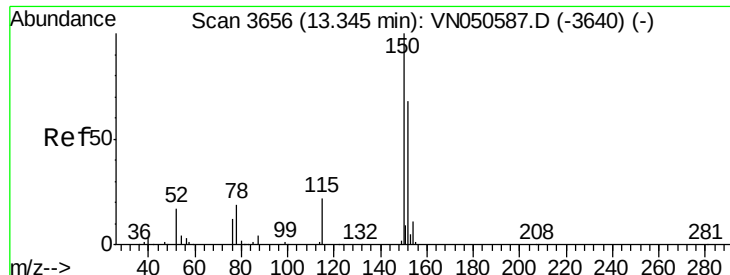
Tot Ion:117 Resp: 834080
Ion Ratio Lower Upper
117 100
82 53.1 42.4 63.6
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 6.77 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050634.D
Acq: 15 Aug 2018 5:10

Tgt Ion:164 Resp: 52445
Ion Ratio Lower Upper
164 100
166 128.0 102.1 153.1
129 88.5 72.7 109.1
131 84.4 69.9 104.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050634.D

Acq: 15 Aug 2018 5:10

Instrument :

MSVOA_N

ClientSampleId :

953-MW-20(22)

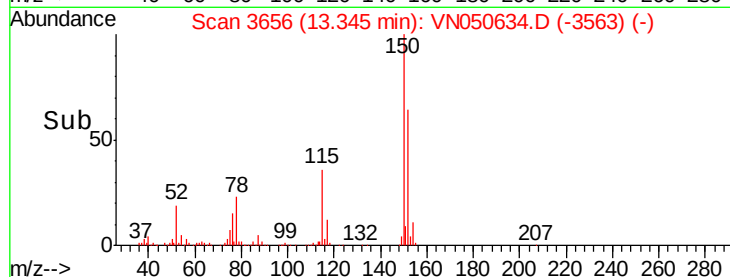
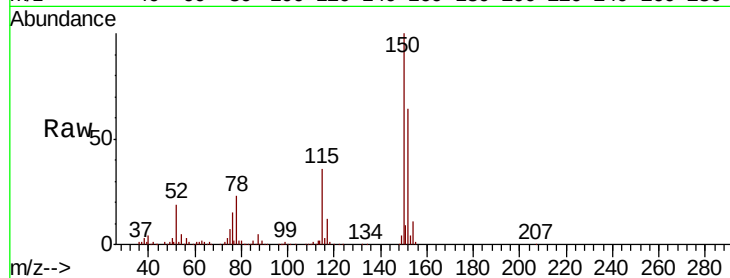
Tot Ion:152 Resp: 276354

Ion Ratio Lower Upper

152 100

115 55.6 28.1 84.2

150 156.1 0.0 347.8



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

