

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080919\
 Data File : VN057158.D
 Acq On : 9 Aug 2019 19:59
 Operator : JC/SP
 Sample : K4262-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4R 080819

Quant Time: Aug 10 08:18:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

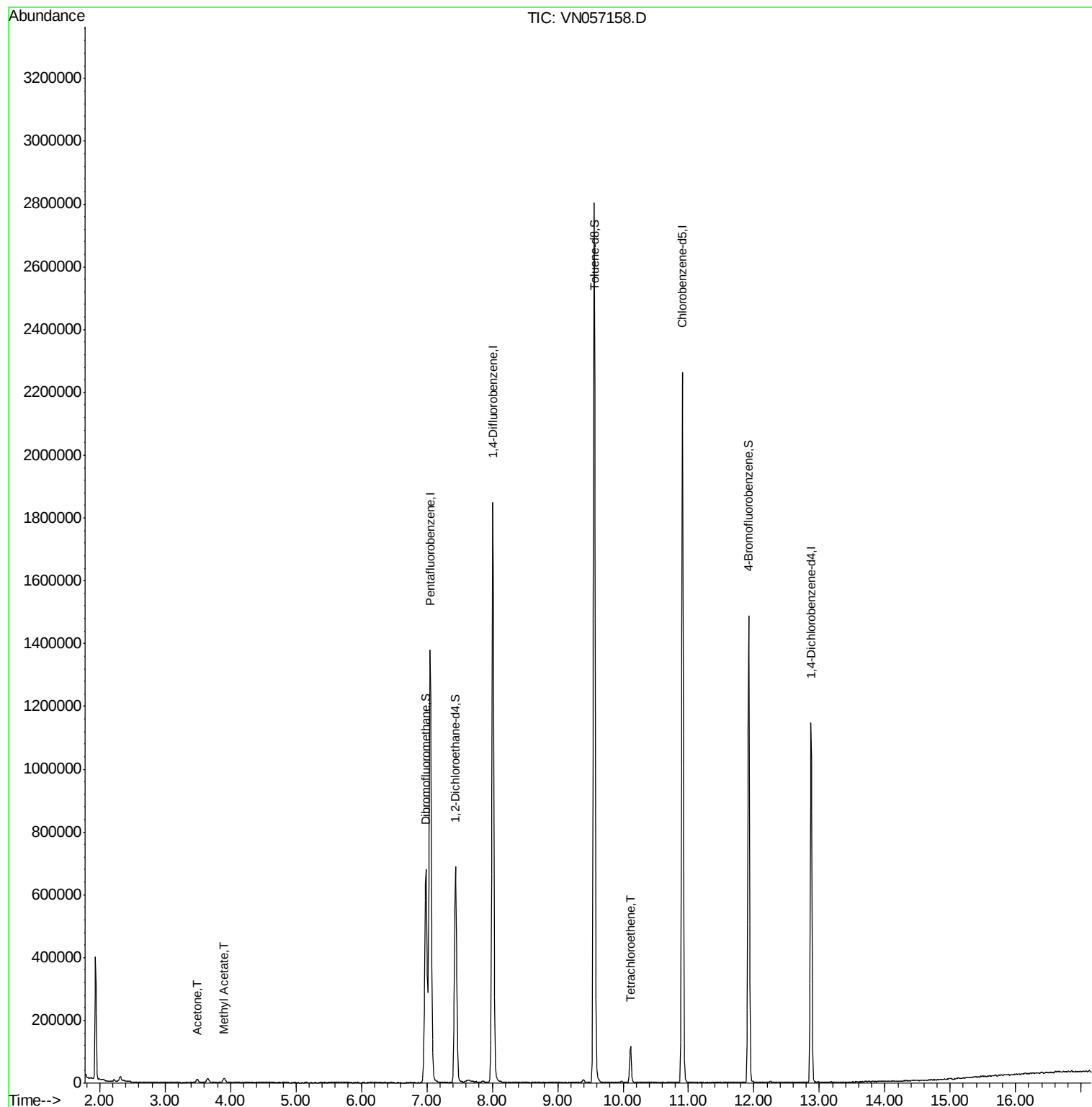
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1317076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1838149	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1464116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	346215	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	608760	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.88%	
35) Dibromofluoromethane	6.99	113	553788	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
50) Toluene-d8	9.56	98	2122911	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	11.92	95	526357	37.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.04%	
Target Compounds						
16) Acetone	3.48	43	12698	3.104	ug/l	90
18) Methyl Acetate	3.90	43	24320	1.356	ug/l	98
64) Tetrachloroethene	10.11	164	31487	2.586	ug/l	98

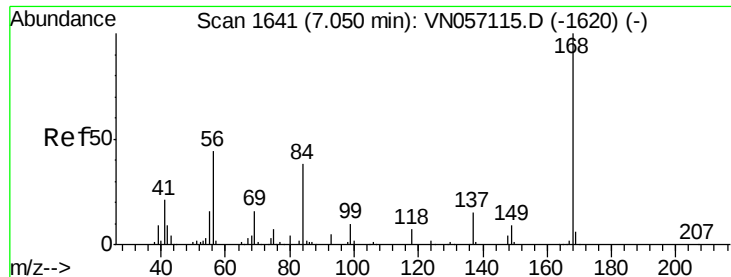
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057158.D

Acq: 9 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

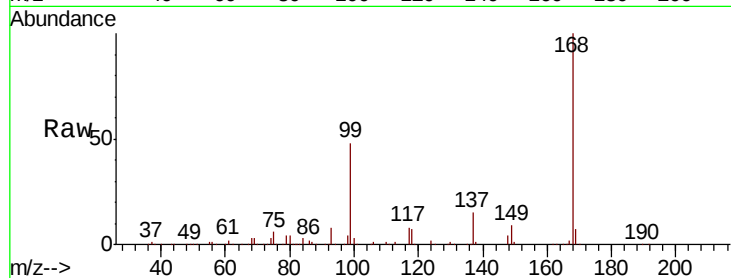
MW-4R 080819

Tot Ion:168 Resp: 1317076

Ion Ratio Lower Upper

168 100

99 48.4 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057115.D (-1620) (-)

Ion 98.90 (98.60 to 99.60): VN057115.D (-1620) (-)

7.05

600000

500000

400000

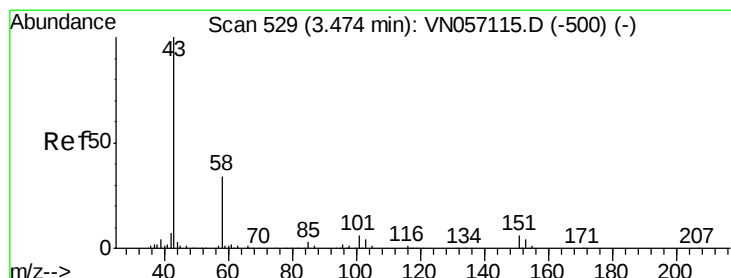
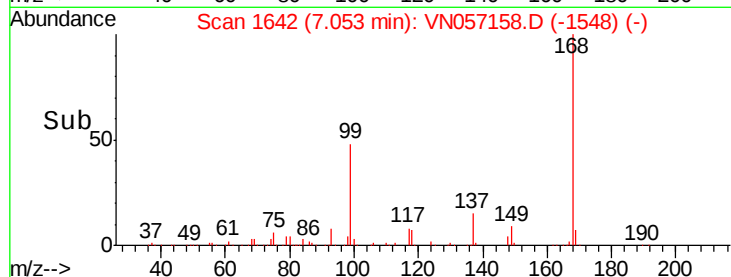
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.104 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057158.D

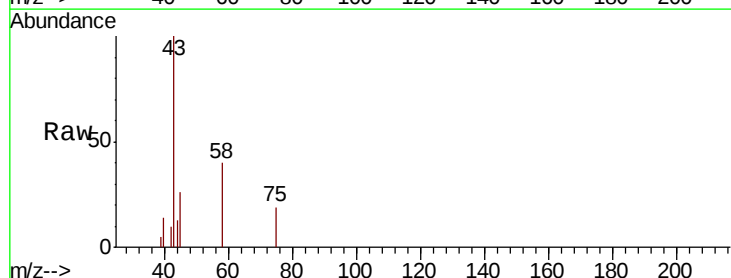
Acq: 9 Aug 2019 19:59

Tgt Ion: 43 Resp: 12698

Ion Ratio Lower Upper

43 100

58 40.1 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN057115.D (-500) (-)

Ion 58.00 (57.70 to 58.70): VN057115.D (-500) (-)

3.48

5000

4000

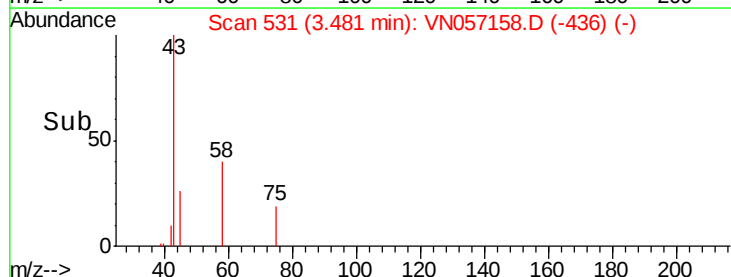
3000

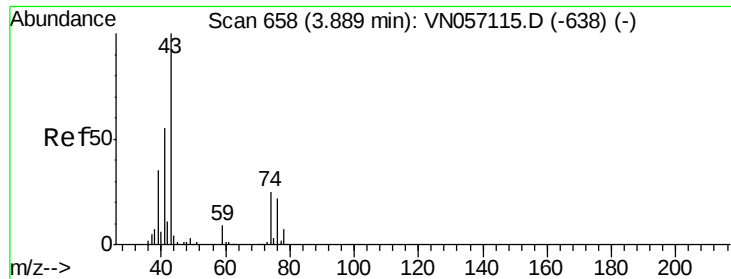
2000

1000

0

Time-->

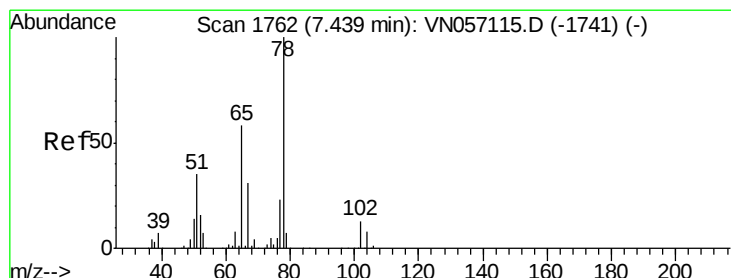
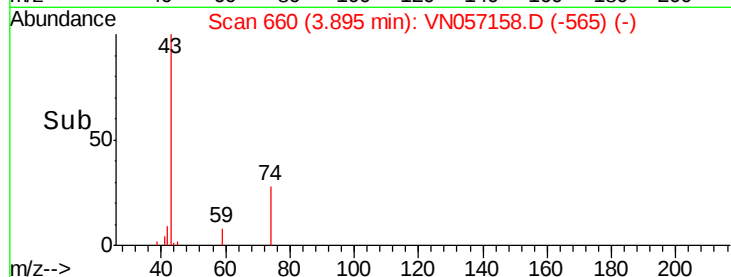
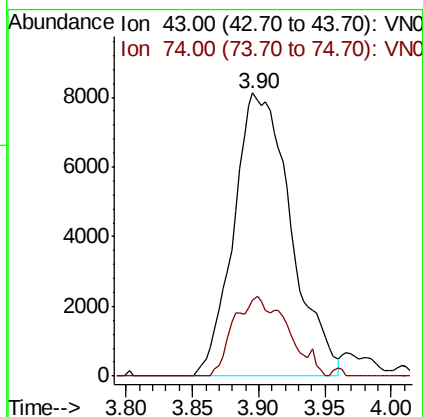
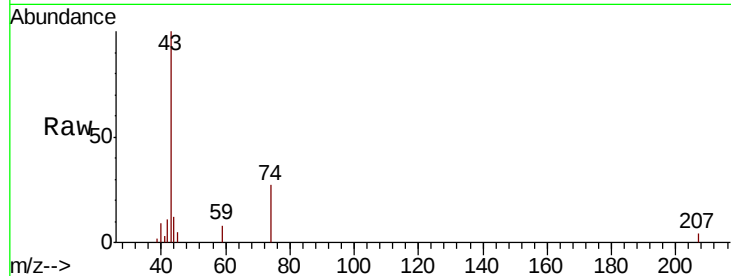




#18
Methvl Acetate
Concen: 1.356 ug/l
RT: 3.90 min Scan# 660
Delta R.T. 0.01 min
Lab File: VN057158.D
Acq: 9 Aug 2019 19:59

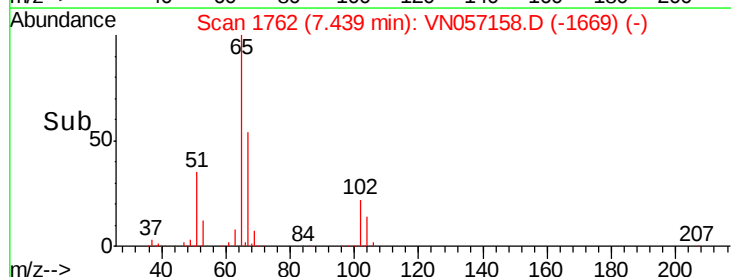
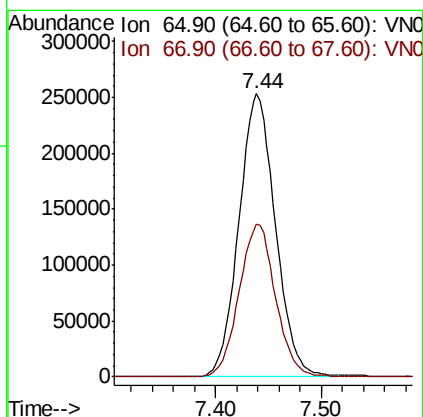
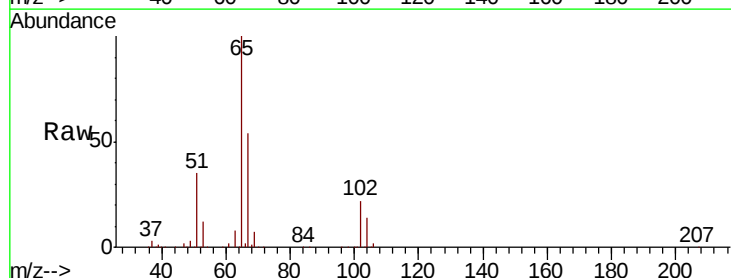
Instrument :
MSVOA_N
ClientSampleId :
MW-4R_080819

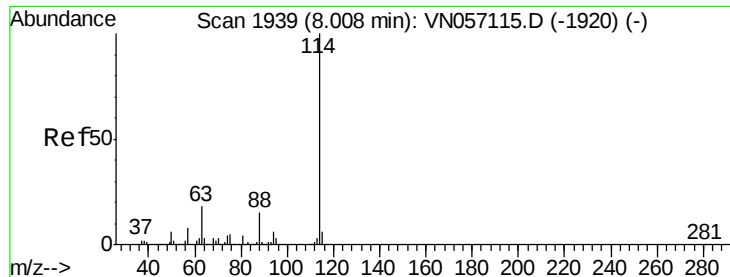
Tot Ion: 43 Resp: 24320
Ion Ratio Lower Upper
43 100
74 26.5 20.2 30.4



#33
1,2-Dichloroethane-d4
Concen: 44.943 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VN057158.D
Acq: 9 Aug 2019 19:59

Tgt Ion: 65 Resp: 608760
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.2

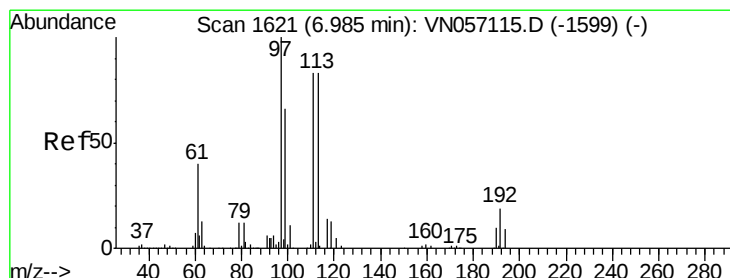
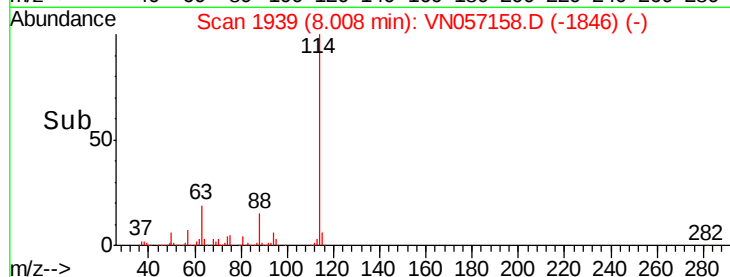
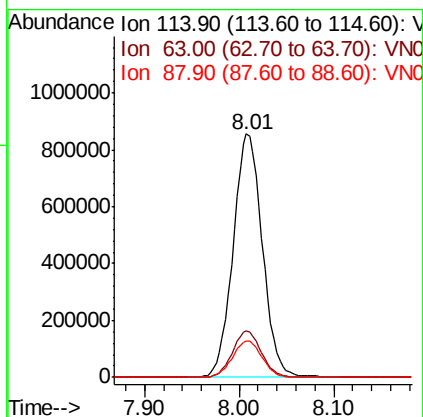
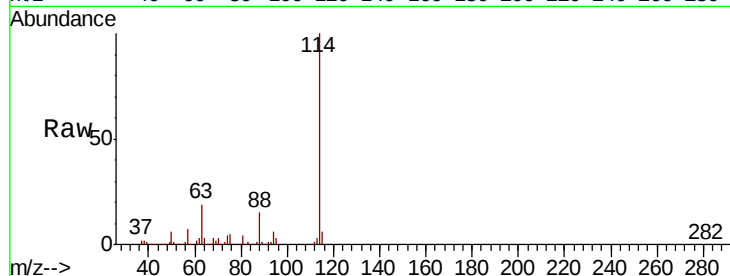




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057158.D
 Acq: 9 Aug 2019 19:59

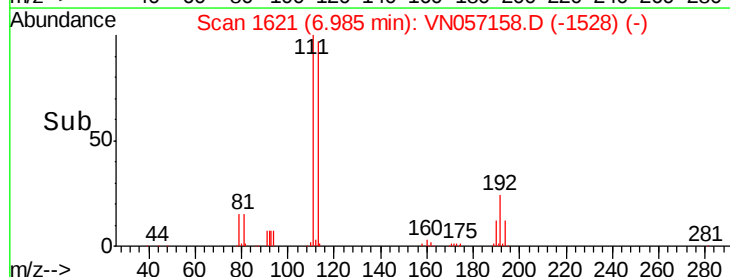
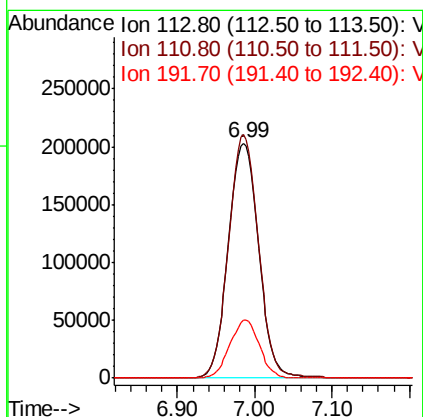
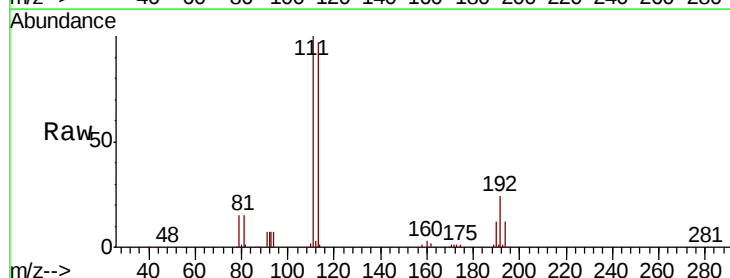
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4R_080819

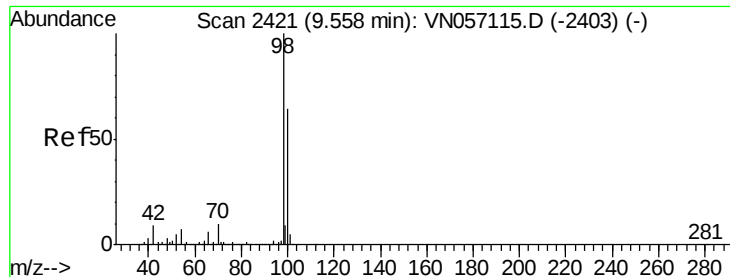
Tot Ion:114 Resp: 1838149
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 36.2
 88 15.1 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 48.011 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057158.D
 Acq: 9 Aug 2019 19:59

Tgt Ion:113 Resp: 553788
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.3 121.9
 192 24.1 19.0 28.4

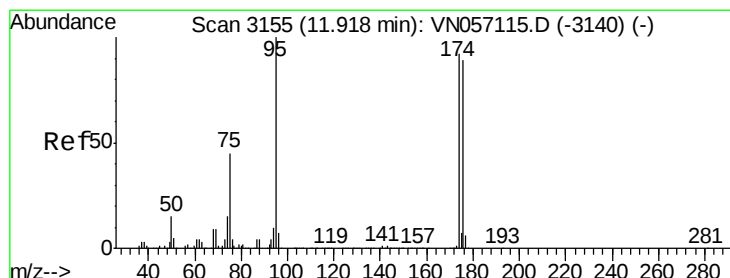
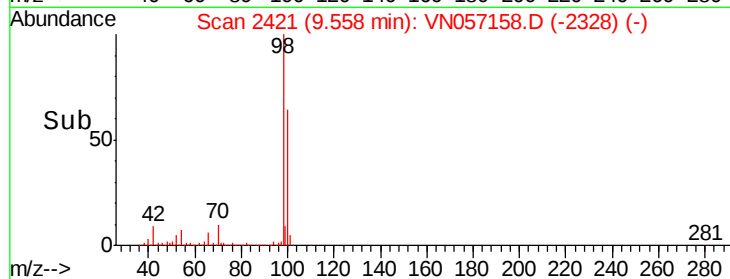
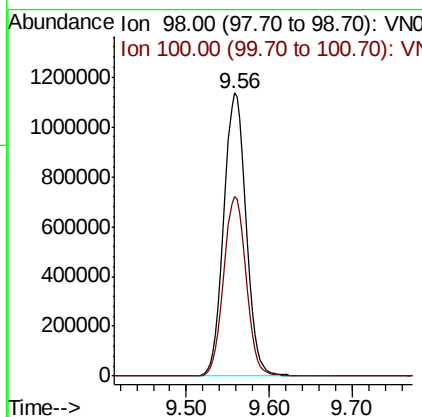
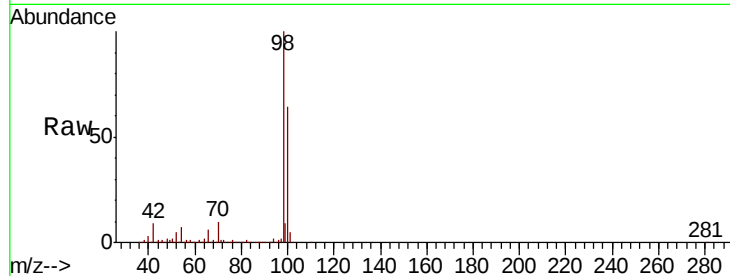




#50
Toluene-d8
Concen: 48.106 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057158.D
Acq: 9 Aug 2019 19:59

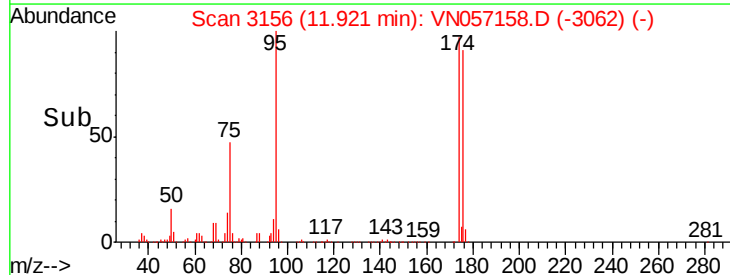
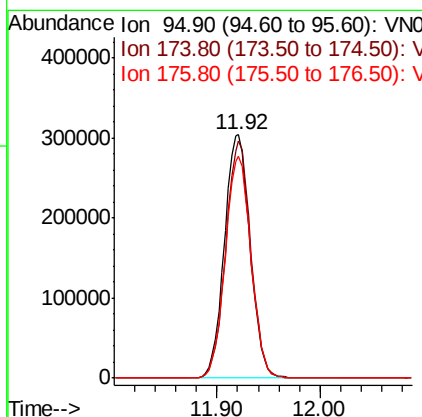
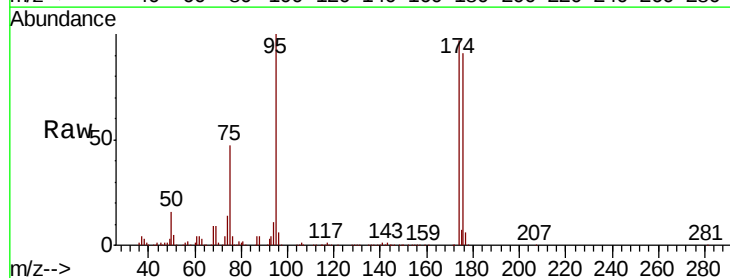
Instrument :
MSVOA_N
ClientSampleId :
MW-4R_080819

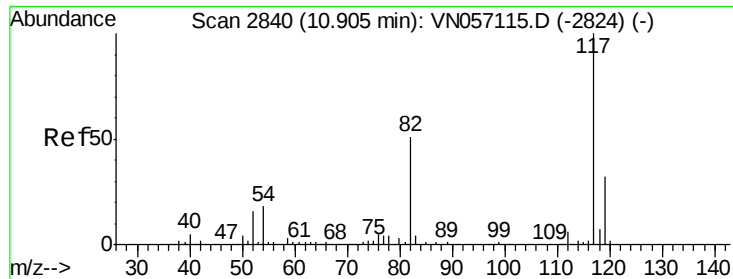
Tot Ion: 98 Resp: 2122911
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 37.018 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057158.D
Acq: 9 Aug 2019 19:59

Tgt Ion: 95 Resp: 526357
Ion Ratio Lower Upper
95 100
174 95.5 0.0 185.0
176 91.3 0.0 181.2

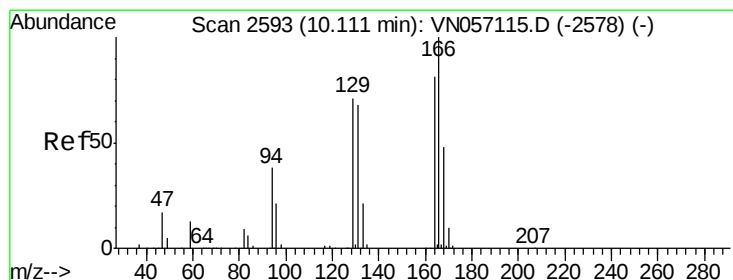
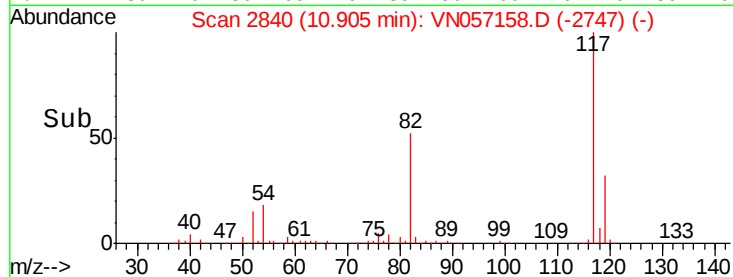
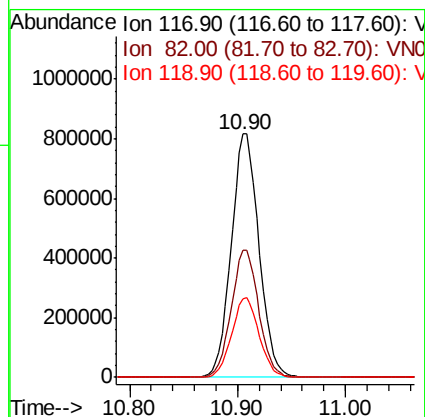
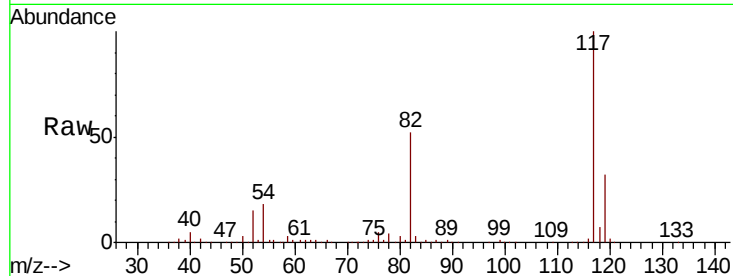




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN057158.D
Acq: 9 Aug 2019 19:59

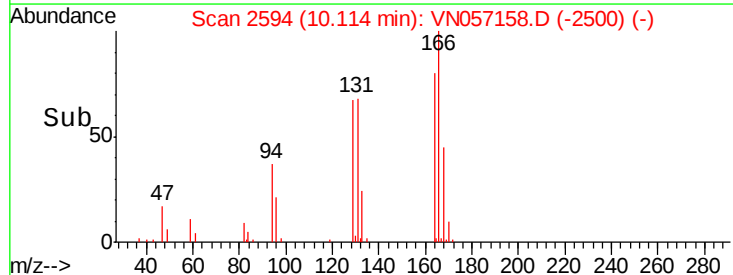
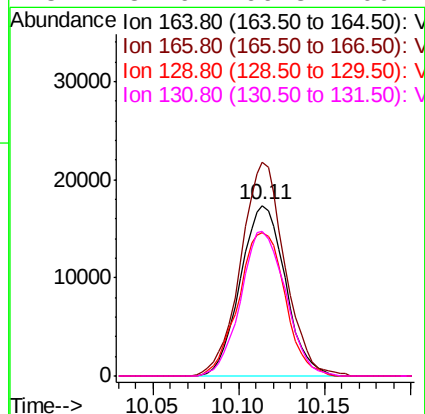
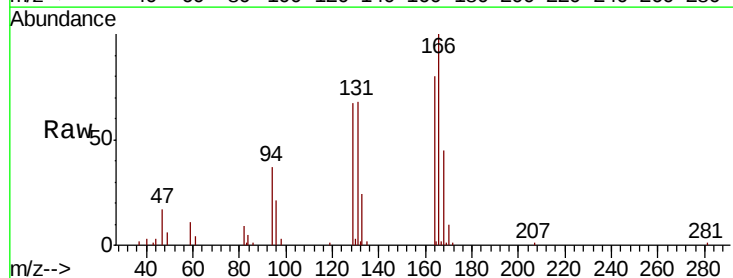
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MSVOA_N
ClientSampled :
MW-4R 080819

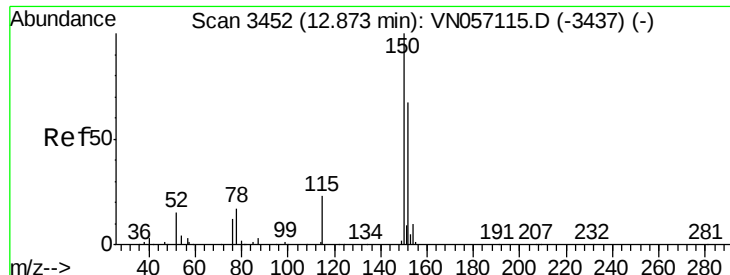
Tot Ion:117 Resp: 1464116
Ion Ratio Lower Upper
117 100
82 52.3 40.8 61.2
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 2.586 ug/l
RT: 10.11 min Scan# 2594
Delta R.T. 0.00 min
Lab File: VN057158.D
Acq: 9 Aug 2019 19:59

Tgt Ion:164 Resp: 31487
Ion Ratio Lower Upper
164 100
166 125.0 98.3 147.5
129 83.8 69.8 104.6
131 84.6 66.8 100.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.87 min Scan# 3452

Delta R.T. -0.00 min

Lab File: VN057158.D

Acq: 9 Aug 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

MW-4R 080819

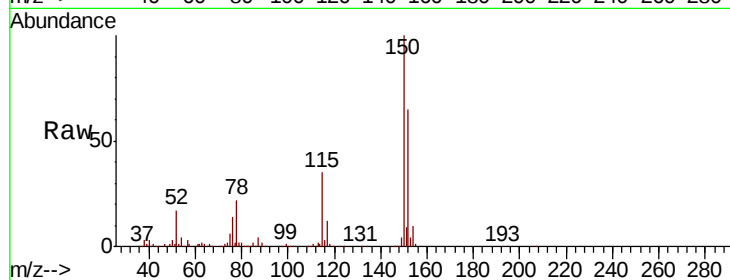
Tot Ion:152 Resp: 346215

Ion Ratio Lower Upper

152 100

115 53.8 27.5 82.5

150 154.1 0.0 341.6



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

