

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057215.D
 Acq On : 12 Aug 2019 15:13
 Operator : JC/SP
 Sample : K4262-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-19D_080819

Quant Time: Aug 14 09:38:23 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

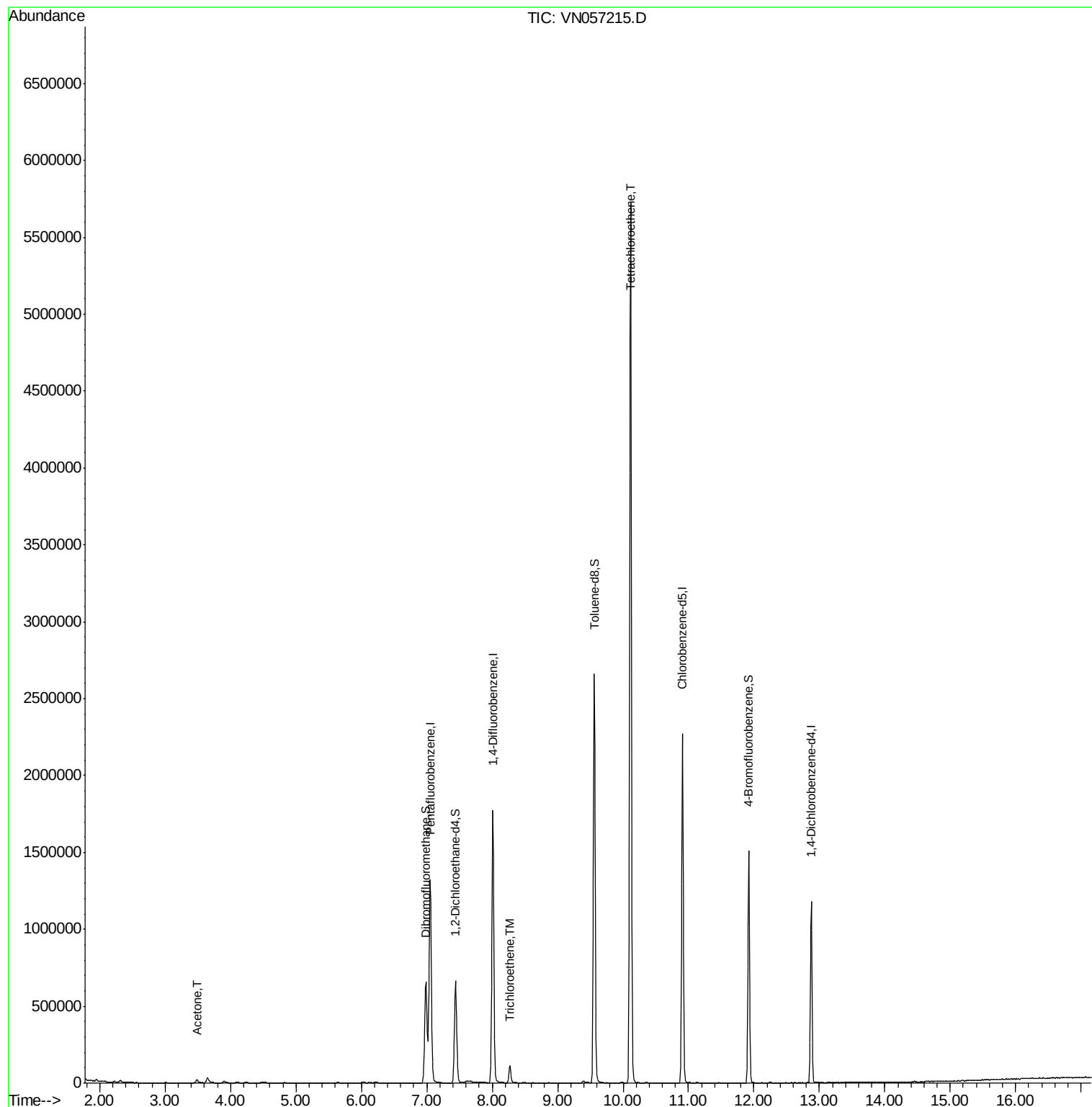
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1262779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1764321	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1461846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	348856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	592284	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
35) Dibromofluoromethane	6.99	113	538923	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	9.56	98	2019650	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
62) 4-Bromofluorobenzene	11.92	95	521738	38.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.46%	
Target Compounds						
16) Acetone	3.48	43	25741	6.563	ug/l	96
44) Trichloroethene	8.27	130	47183	3.662	ug/l	96
64) Tetrachloroethene	10.11	164	1489074	122.483	ug/l	95

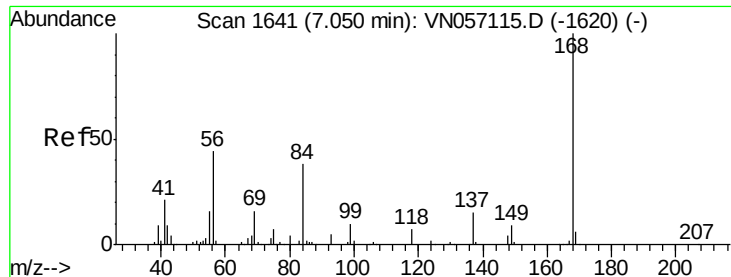
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057215.D

Acq: 12 Aug 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

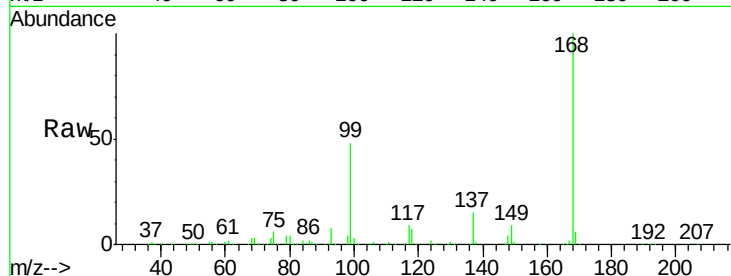
MW-19D_080819

Tot Ion:168 Resp: 1262779

Ion Ratio Lower Upper

168 100

99 48.0 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.05

500000

400000

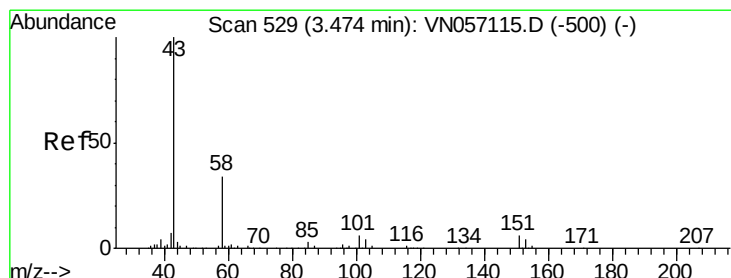
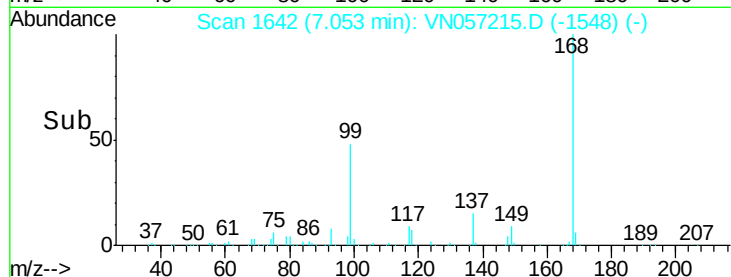
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.563 ug/l

RT: 3.48 min Scan# 532

Delta R.T. 0.01 min

Lab File: VN057215.D

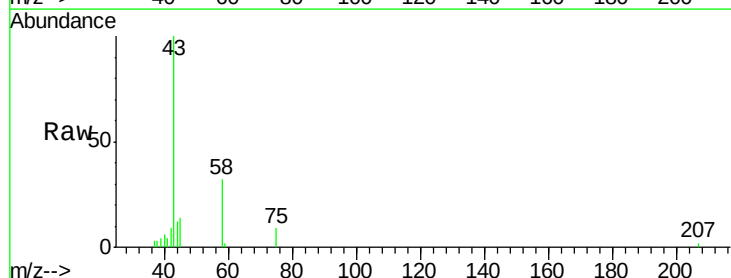
Acq: 12 Aug 2019 15:13

Tgt Ion: 43 Resp: 25741

Ion Ratio Lower Upper

43 100

58 32.3 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.48

12000

10000

8000

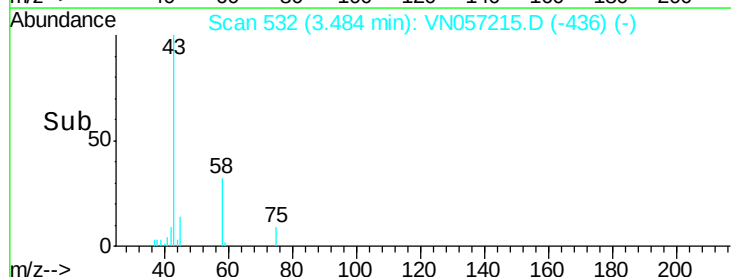
6000

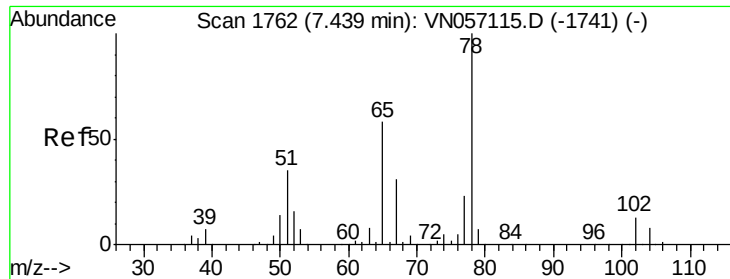
4000

2000

0

Time-->

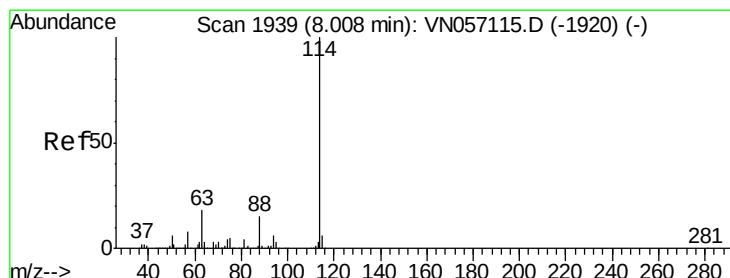
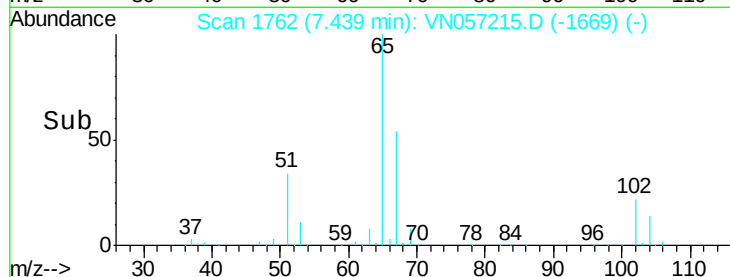
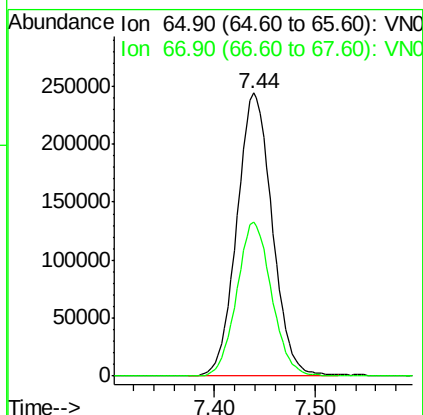
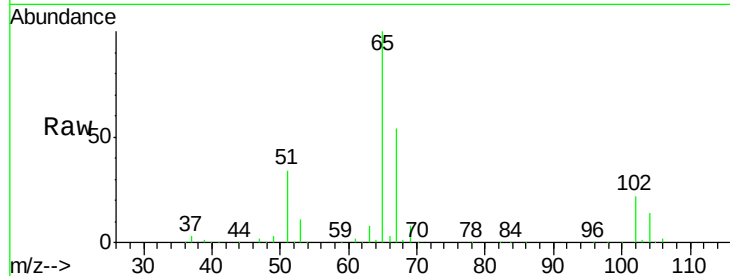




#33
 1,2-Dichloroethane-d4
 Concen: 45.607 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057215.D
 Acq: 12 Aug 2019 15:13

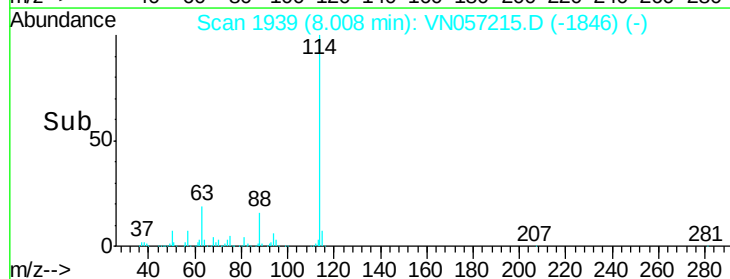
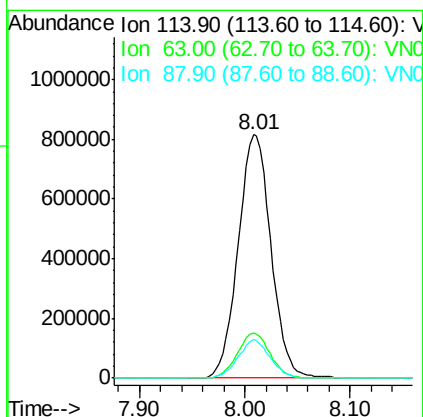
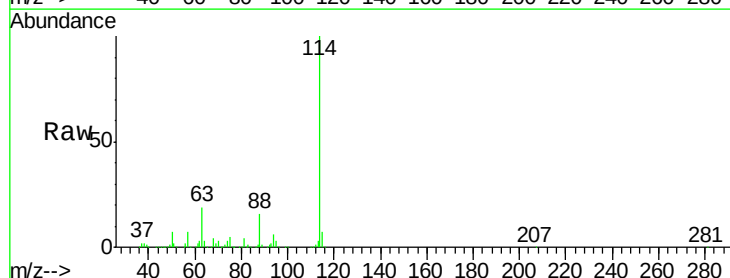
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-19D_080819

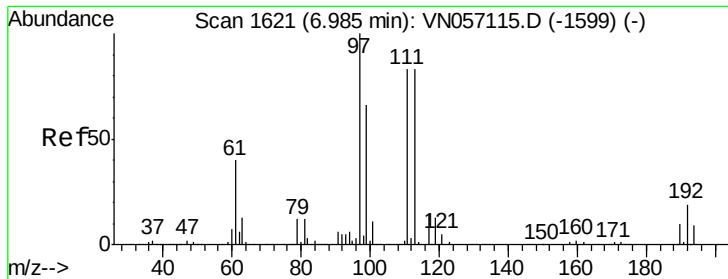
Tot Ion: 65 Resp: 592284
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057215.D
 Acq: 12 Aug 2019 15:13

Tgt Ion: 114 Resp: 1764321
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.2
 88 15.7 0.0 30.0

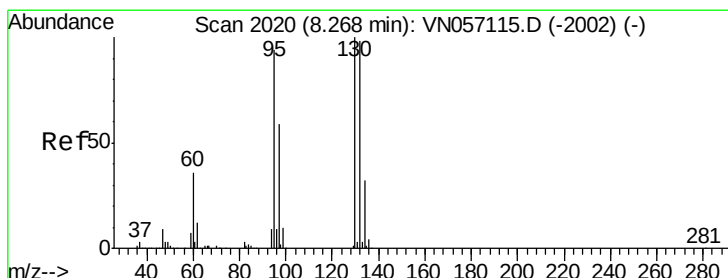
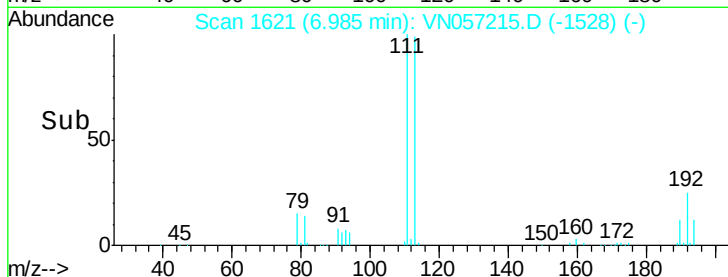
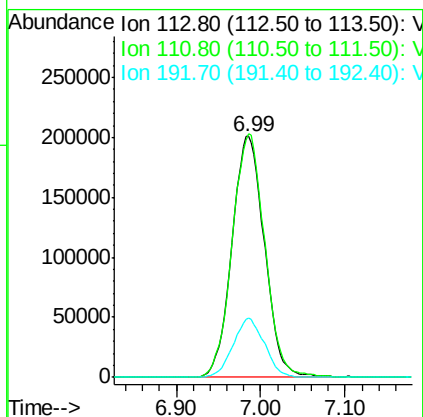
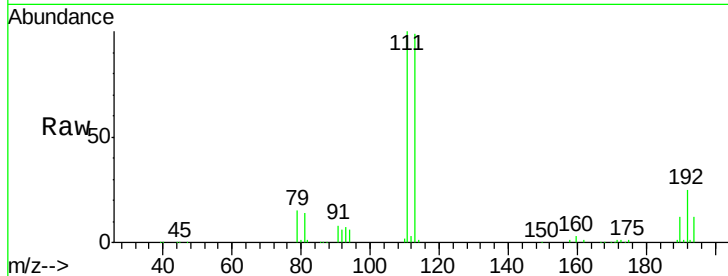




#35
 Dibromofluoromethane
 Concen: 48.677 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057215.D
 Acq: 12 Aug 2019 15:13

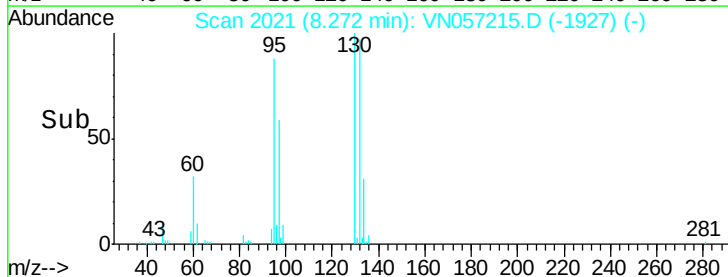
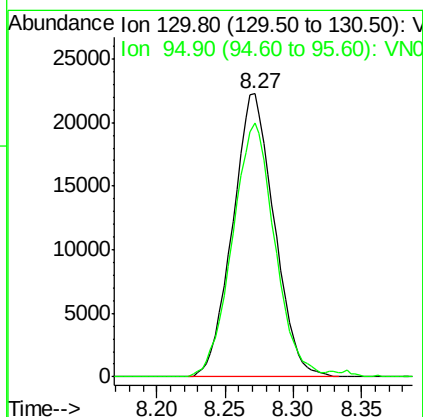
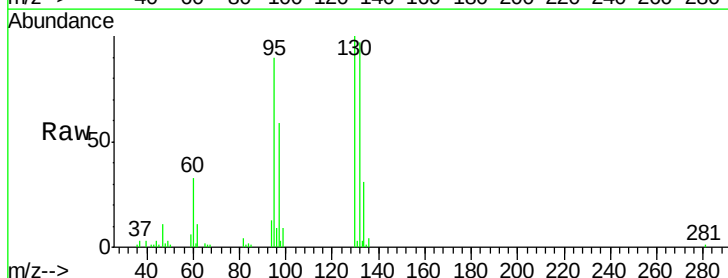
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-19D_080819

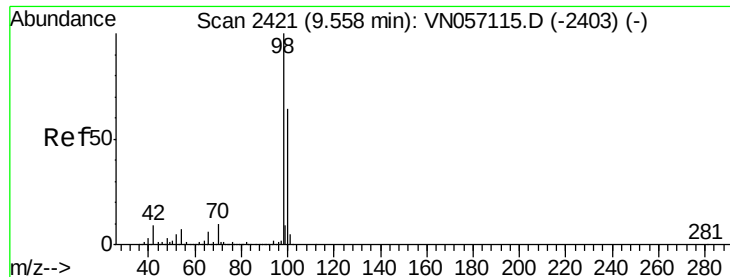
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.3	121.9
192	23.7	19.0	28.4



#44
 Trichloroethene
 Concen: 3.662 ug/l
 RT: 8.27 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: VN057215.D
 Acq: 12 Aug 2019 15:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	187.4

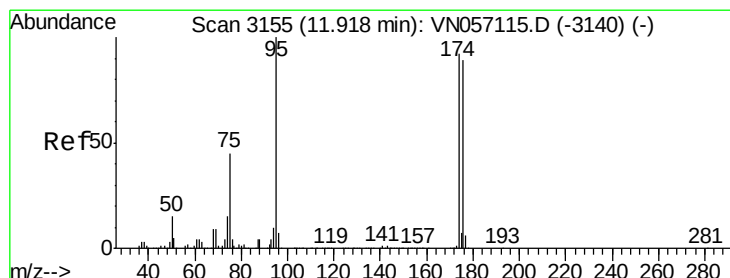
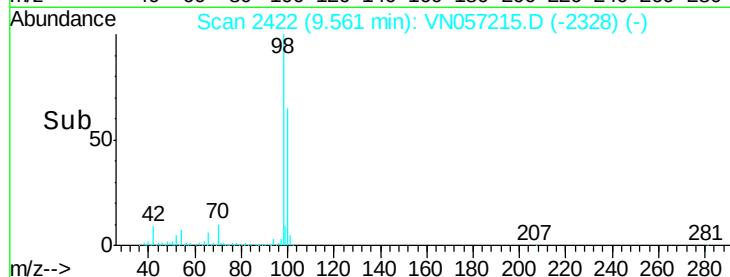
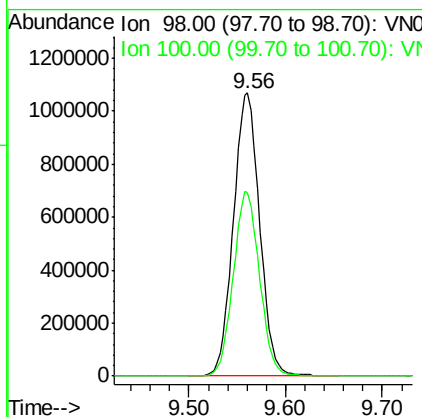
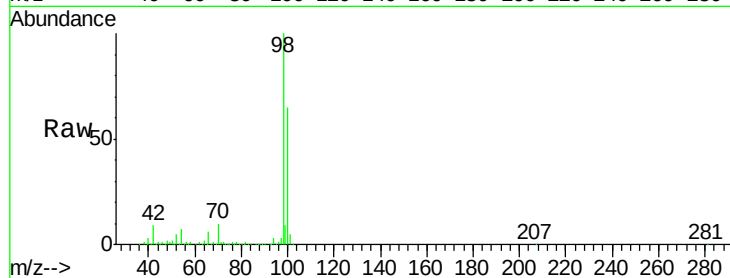




#50
Toluene-d8
Concen: 47.681 ug/l
RT: 9.56 min Scan# 2422
Delta R.T. 0.00 min
Lab File: VN057215.D
Acq: 12 Aug 2019 15:13

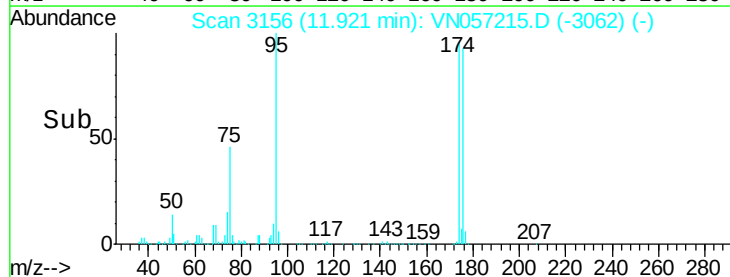
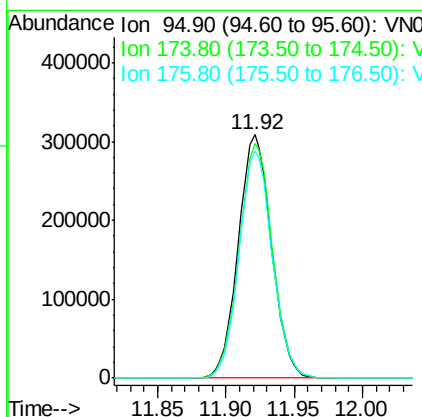
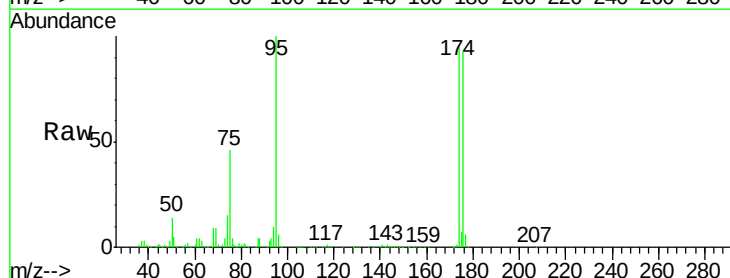
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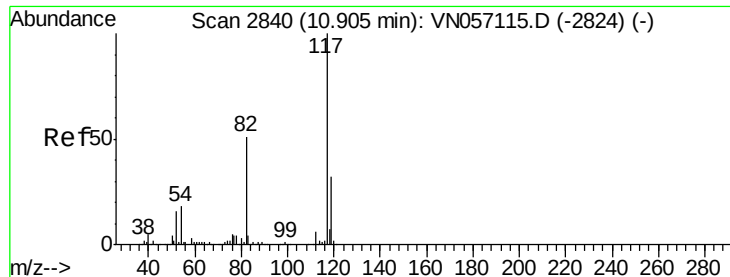
Tot Ion: 98 Resp: 2019650
Ion Ratio Lower Upper
98 100
100 65.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 38.229 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057215.D
Acq: 12 Aug 2019 15:13

Tgt Ion: 95 Resp: 521738
Ion Ratio Lower Upper
95 100
174 97.1 0.0 185.0
176 93.2 0.0 181.2

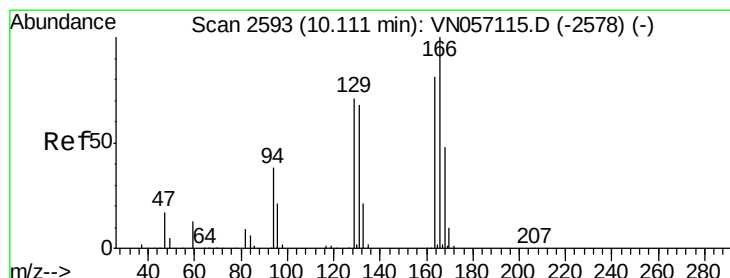
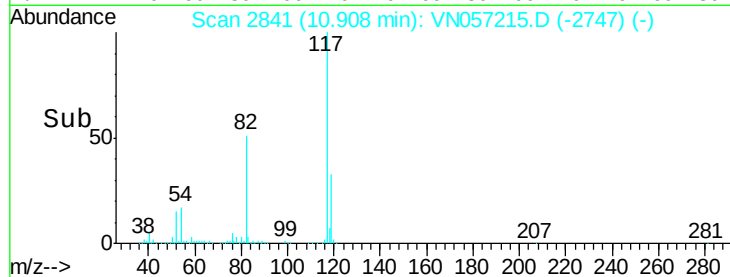
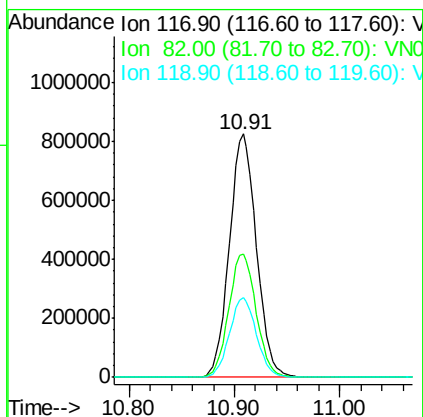
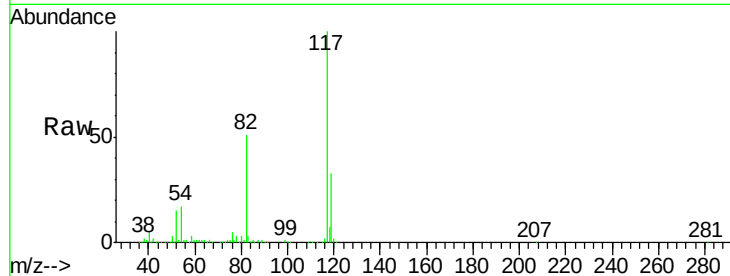




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057215.D
Acq: 12 Aug 2019 15:13

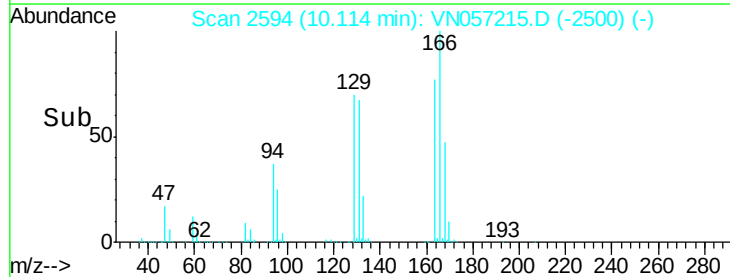
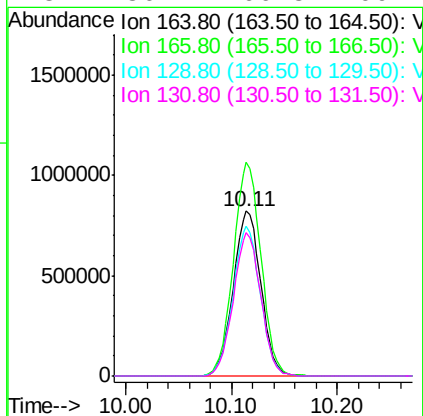
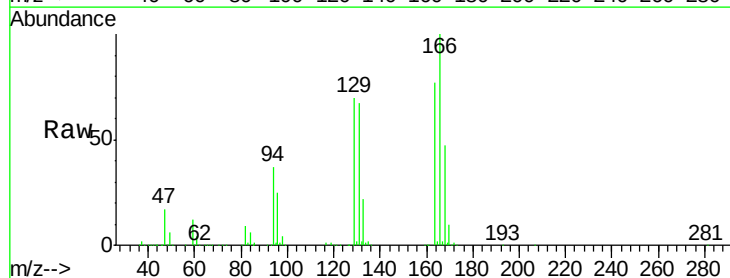
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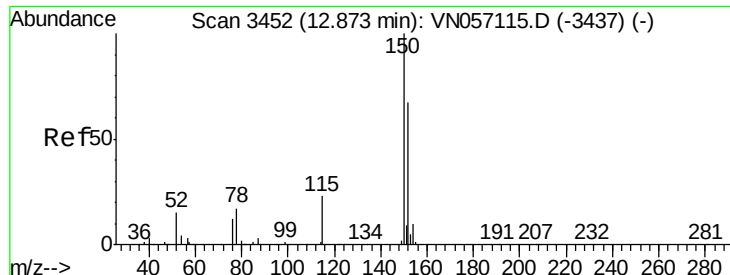
Tot Ion:117 Resp: 1461846
Ion Ratio Lower Upper
117 100
82 50.7 40.8 61.2
119 32.7 25.7 38.5



#64
Tetrachloroethene
Concen: 122.483 ug/l
RT: 10.11 min Scan# 2594
Delta R.T. 0.00 min
Lab File: VN057215.D
Acq: 12 Aug 2019 15:13

Tgt Ion:164 Resp: 1489074
Ion Ratio Lower Upper
164 100
166 129.4 98.3 147.5
129 90.7 69.8 104.6
131 86.7 66.8 100.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057215.D

Acq: 12 Aug 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

MW-19D_080819

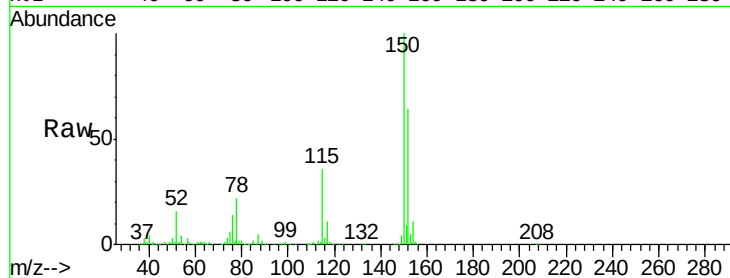
Tot Ion:152 Resp: 348856

Ion Ratio Lower Upper

152 100

115 56.3 27.5 82.5

150 157.9 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

