

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057213.D
 Acq On : 12 Aug 2019 14:24
 Operator : JC/SP
 Sample : K4262-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9R 080719

Quant Time: Aug 14 09:28:38 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	1278569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1789773	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1464874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	363022	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	594342	45.20	ug/l	0.00
Spiked Amount			Recovery	=	90.40%	
35) Dibromofluoromethane	6.99	113	542067	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
50) Toluene-d8	9.56	98	2026743	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
62) 4-Bromofluorobenzene	11.92	95	530892	38.35	ug/l	0.00
Spiked Amount			Recovery	=	76.70%	

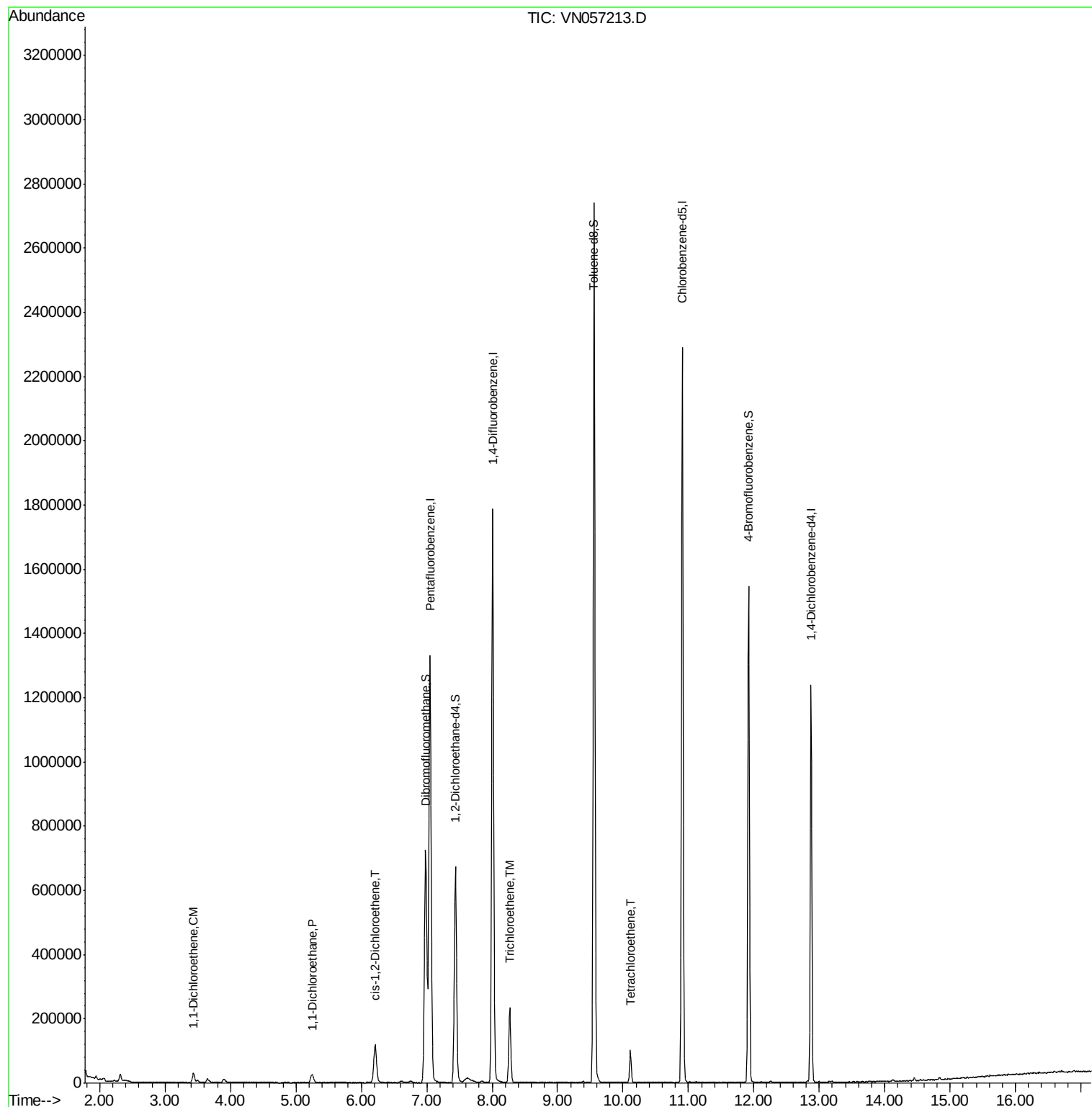
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.43	96	14658	1.347	ug/l	96
24) 1,1-Dichloroethane	5.25	63	39933	1.884	ug/l	95
27) cis-1,2-Dichloroethene	6.21	96	84945	6.257	ug/l	93
44) Trichloroethene	8.27	130	96249	7.364	ug/l	97
64) Tetrachloroethene	10.11	164	26459	2.172	ug/l	94

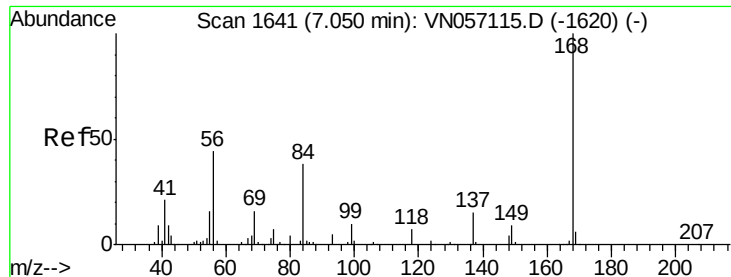
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.00 min

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Acq: 12 Aug 2019 14:24

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MSVOA_N

ClientSampleId :

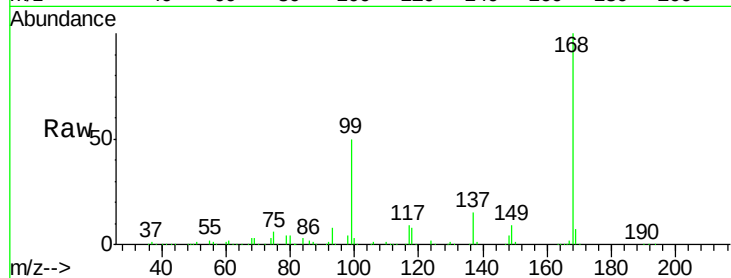
MW-9R 080719

Tot Ion:168 Resp: 1278569

Ion Ratio Lower Upper

168 100

99 49.6 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

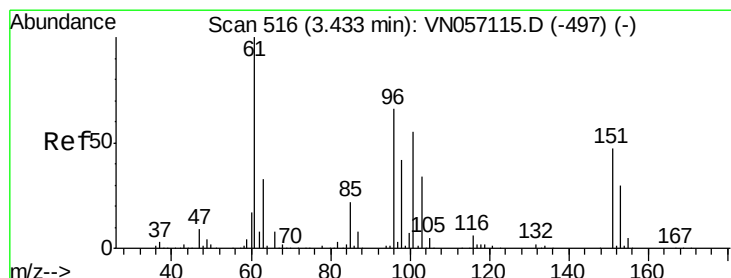
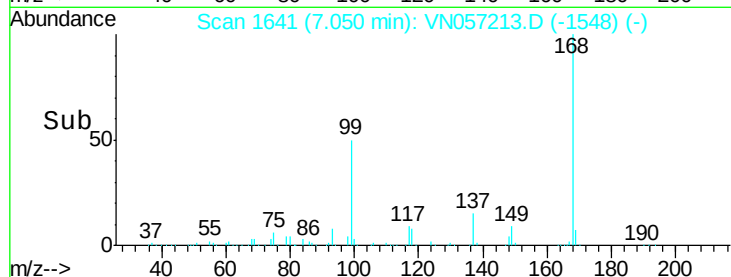
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#12

1,1-Dichloroethene

Concen: 1.347 ug/l

RT: 3.43 min Scan# 516

Delta R.T. -0.00 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

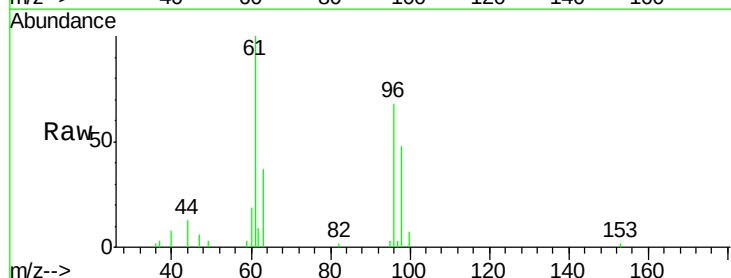
Tgt Ion: 96 Resp: 14658

Ion Ratio Lower Upper

96 100

61 148.1 121.0 181.6

98 70.5 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

12000

10000

8000

6000

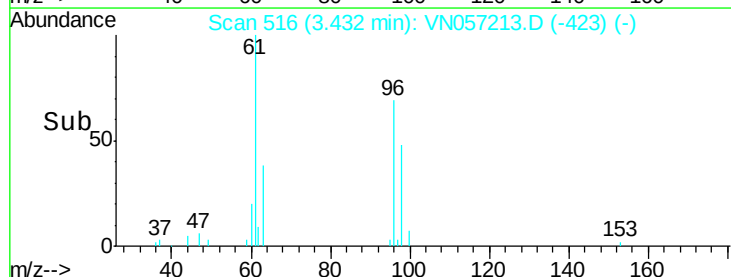
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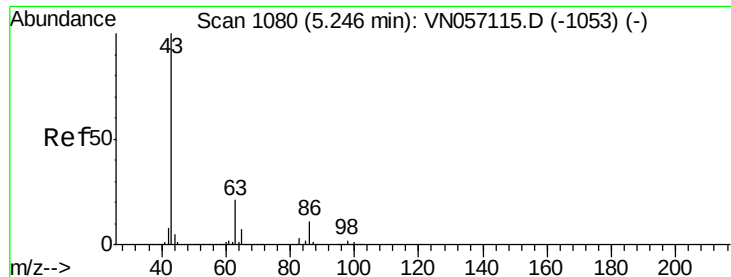
2000

0

3.35 3.40 3.45 3.50

Time-->





#24

1,1-Dichloroethane

Concen: 1.884 ug/l

RT: 5.25 min Scan# 1081

Delta R.T. 0.00 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

MW-9R 080719

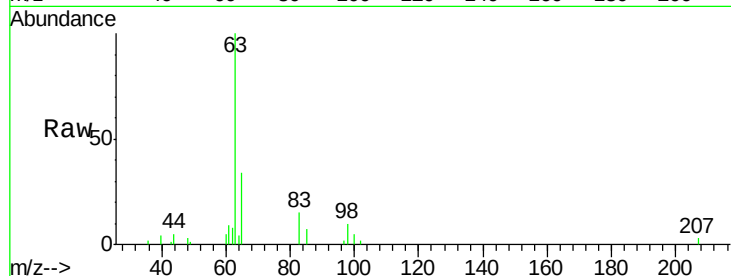
Tot Ion: 63 Resp: 39933

Ion Ratio Lower Upper

63 100

98 9.5 3.8 11.2

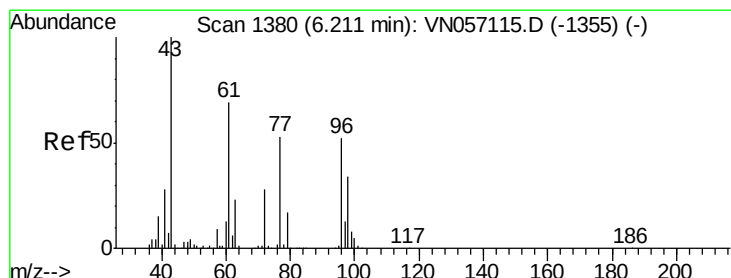
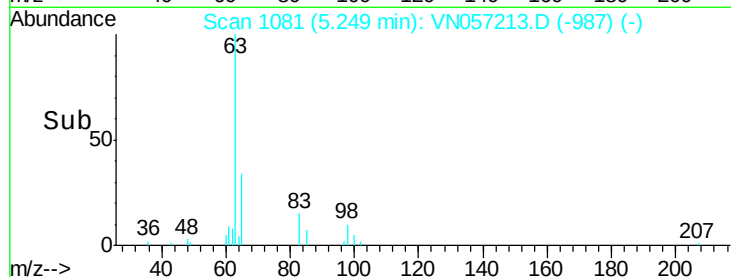
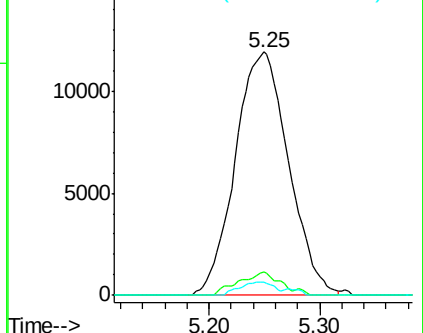
100 5.5 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



#27

cis-1,2-Dichloroethene

Concen: 6.257 ug/l

RT: 6.21 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

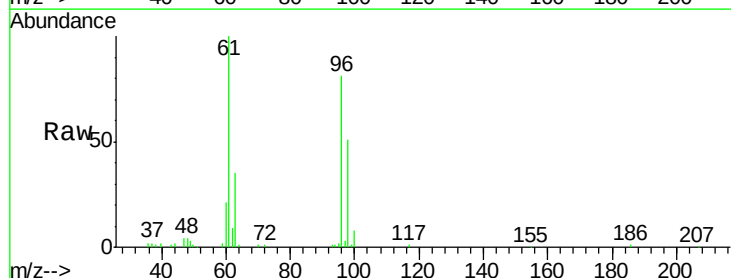
Tgt Ion: 96 Resp: 84945

Ion Ratio Lower Upper

96 100

61 124.1 0.0 273.4

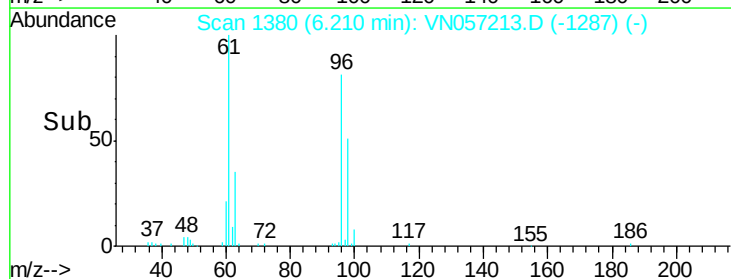
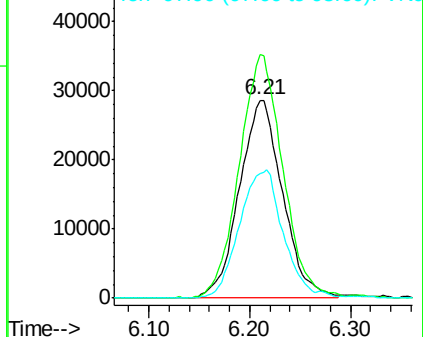
98 65.9 0.0 130.4

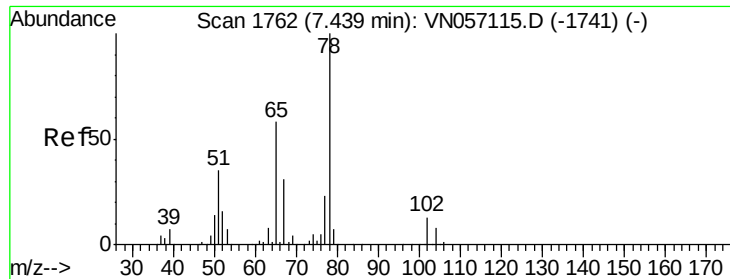


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

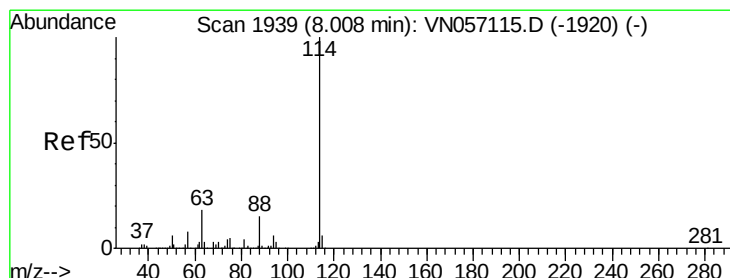
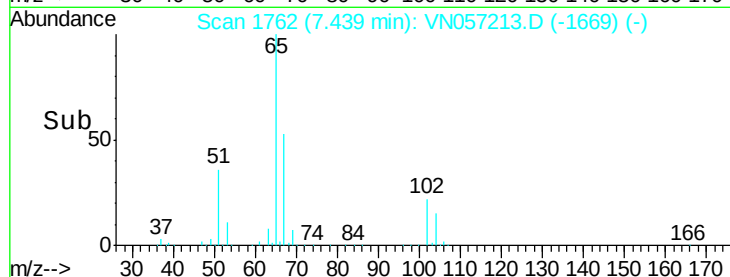
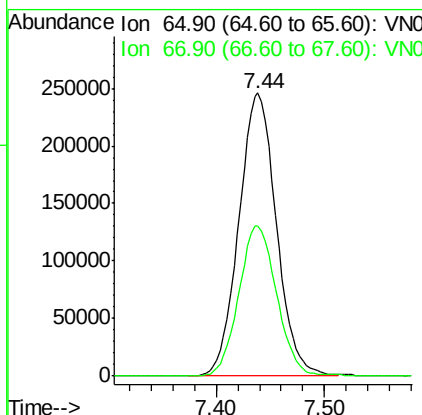
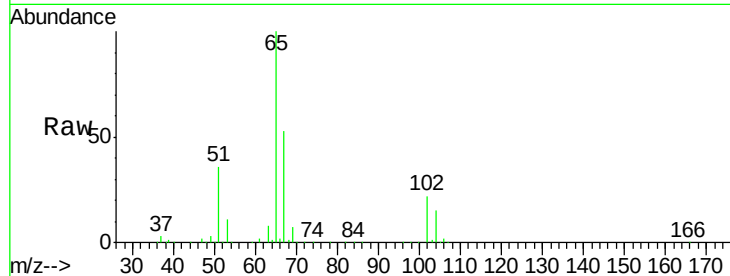




#33
 1,2-Dichloroethane-d4
 Concen: 45.200 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057213.D
 Acq: 12 Aug 2019 14:24

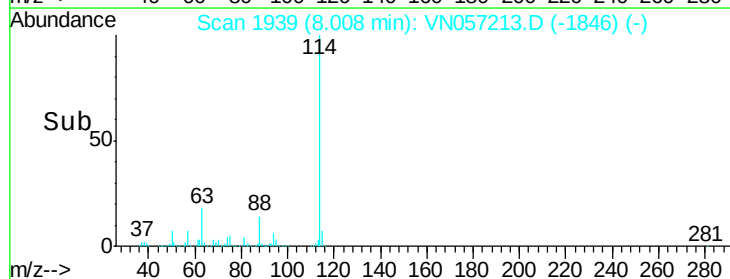
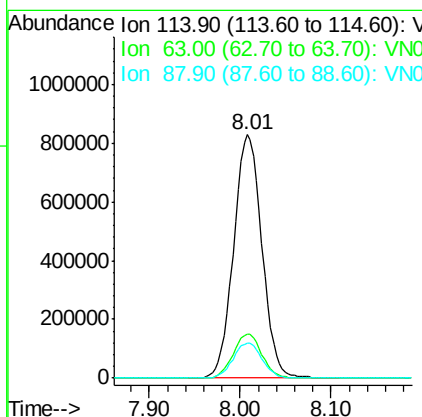
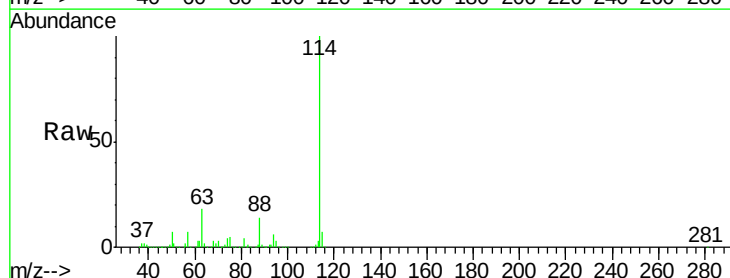
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9R_080719

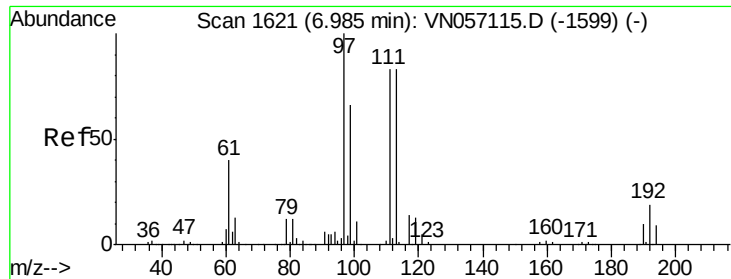
Tot Ion: 65 Resp: 594342
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057213.D
 Acq: 12 Aug 2019 14:24

Tgt Ion: 114 Resp: 1789773
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.2
 88 14.4 0.0 30.0

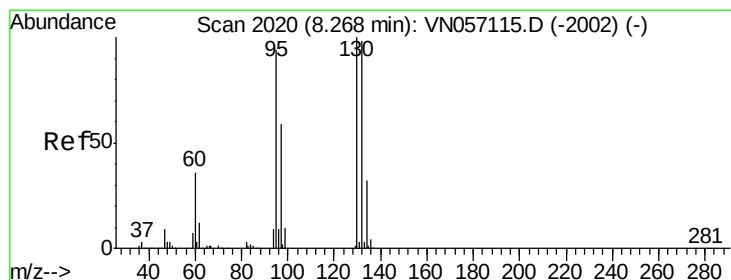
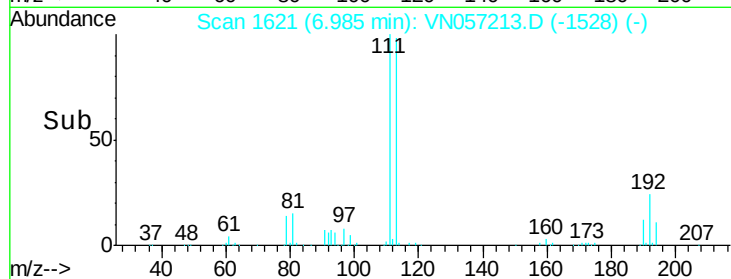
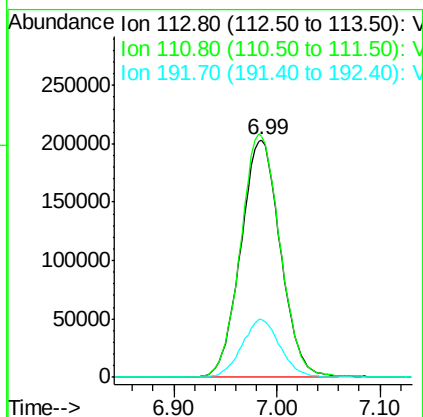
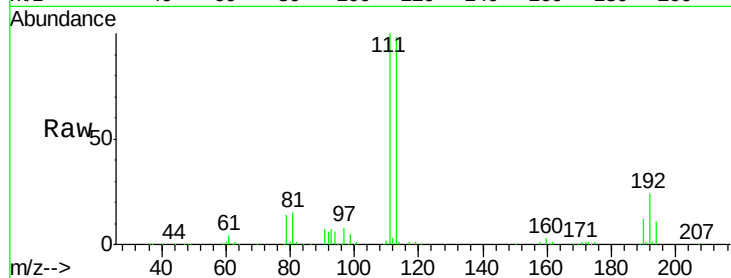




#35
Dibromofluoromethane
Concen: 48.265 ug/l
RT: 6.99 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VN057213.D
Acq: 12 Aug 2019 14:24

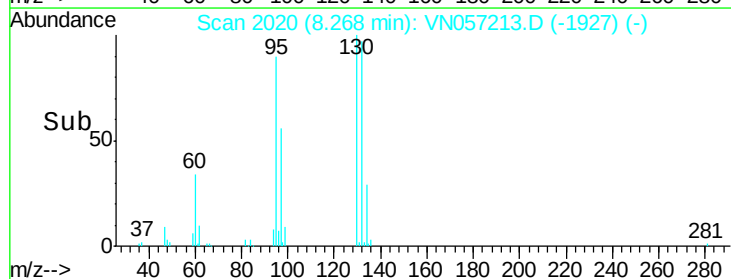
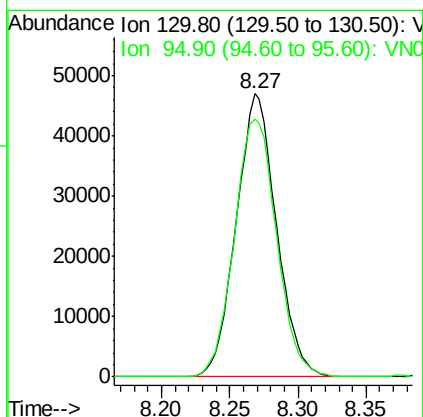
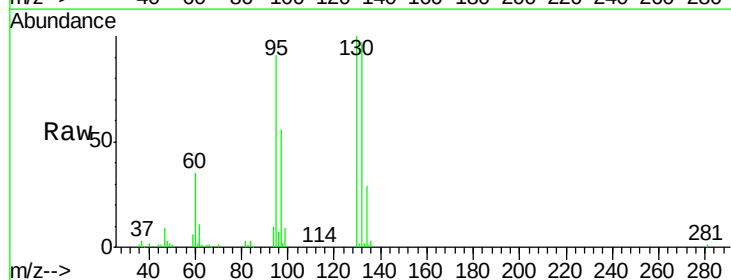
Instrument :
MSVOA_N
ClientSampleId :
MW-9R 080719

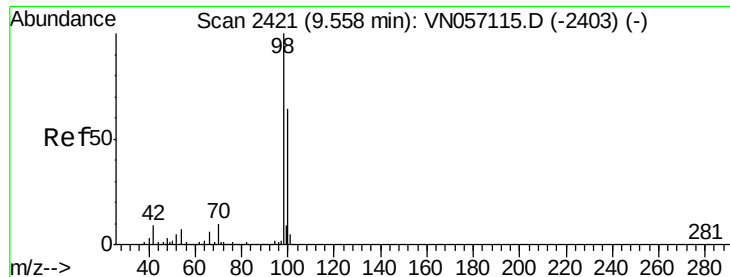
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.3	121.9
192	23.8	19.0	28.4



#44
Trichloroethene
Concen: 7.364 ug/l
RT: 8.27 min Scan# 2020
Delta R.T. -0.00 min
Lab File: VN057213.D
Acq: 12 Aug 2019 14:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	187.4

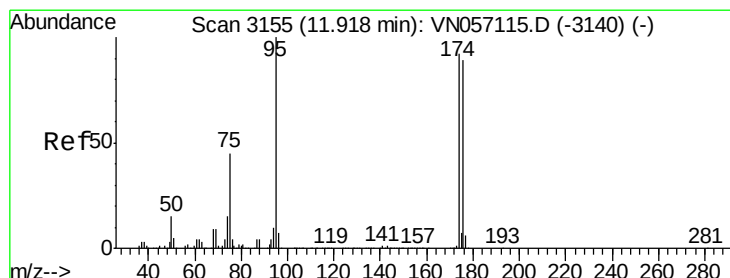
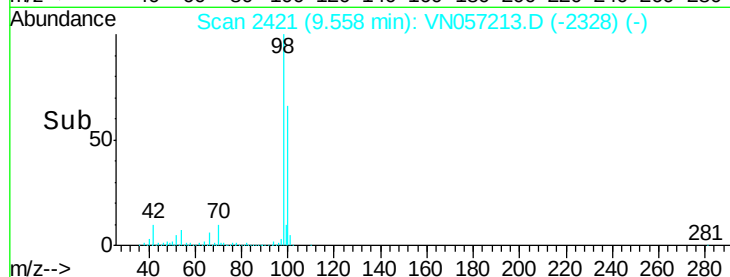
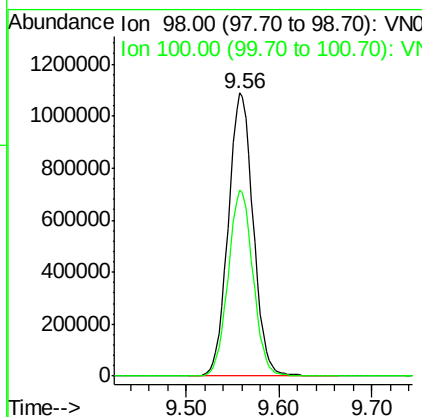
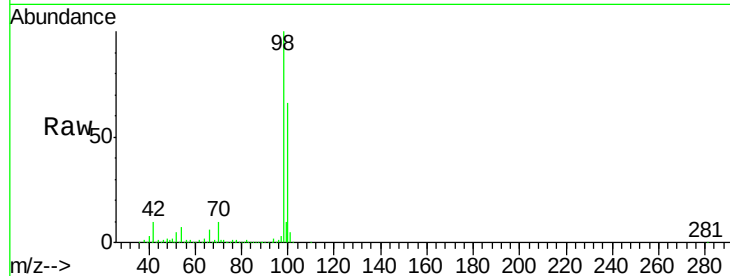




#50
Toluene-d8
Concen: 47.168 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057213.D
Acq: 12 Aug 2019 14:24

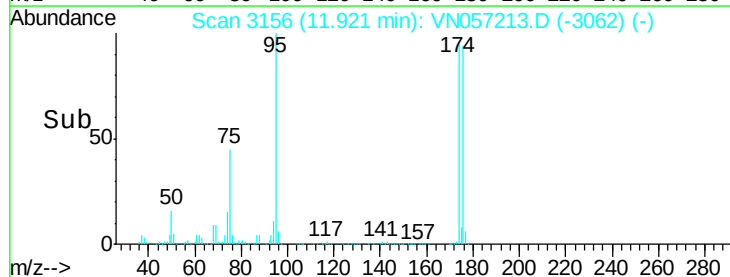
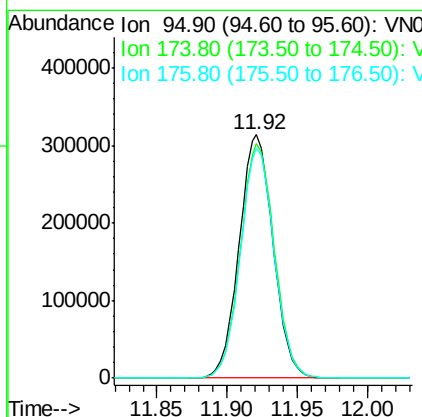
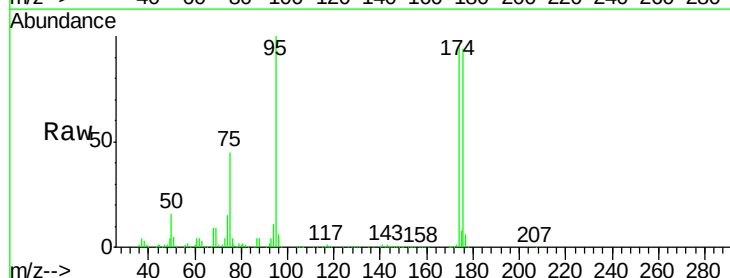
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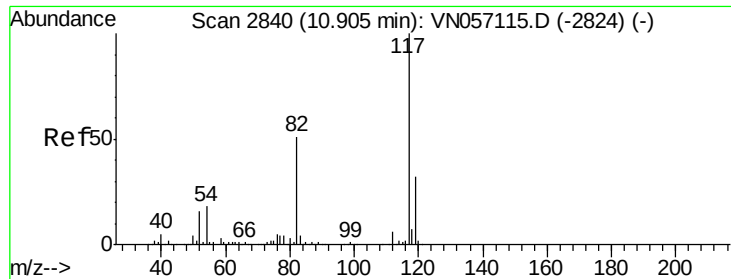
Tot Ion: 98 Resp: 2026743
Ion Ratio Lower Upper
98 100
100 65.5 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 38.346 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057213.D
Acq: 12 Aug 2019 14:24

Tgt Ion: 95 Resp: 530892
Ion Ratio Lower Upper
95 100
174 96.3 0.0 185.0
176 93.8 0.0 181.2

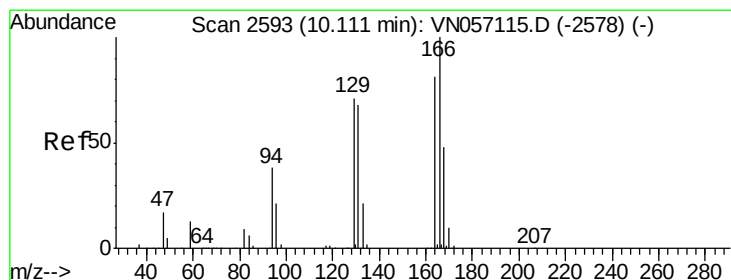
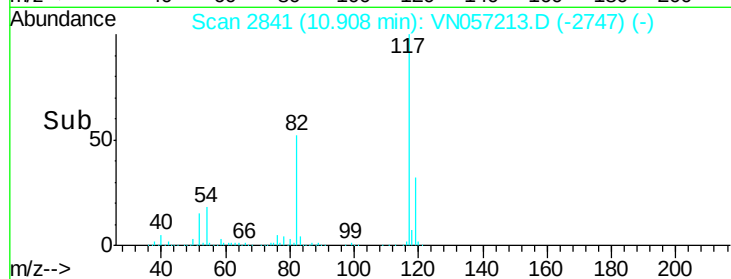
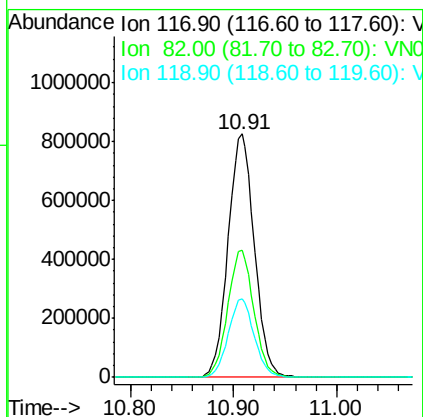
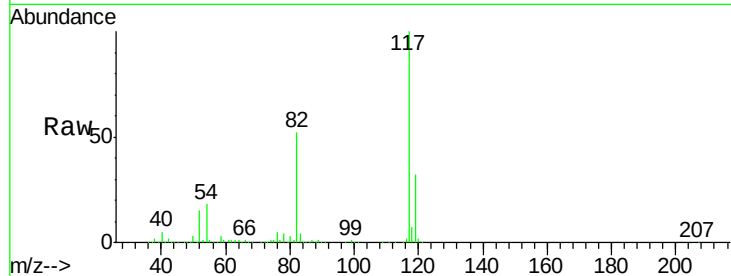




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057213.D
Acq: 12 Aug 2019 14:24

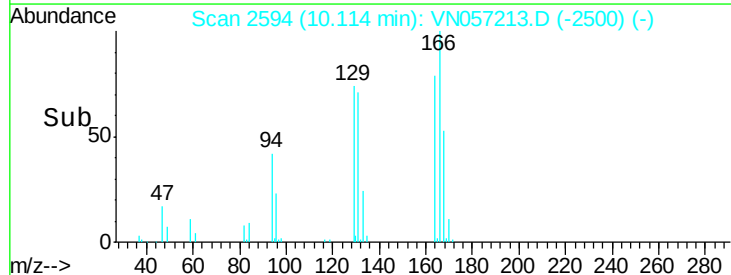
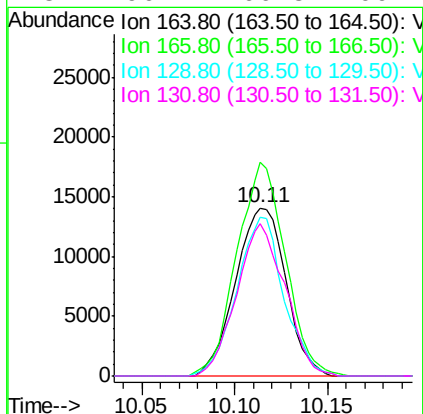
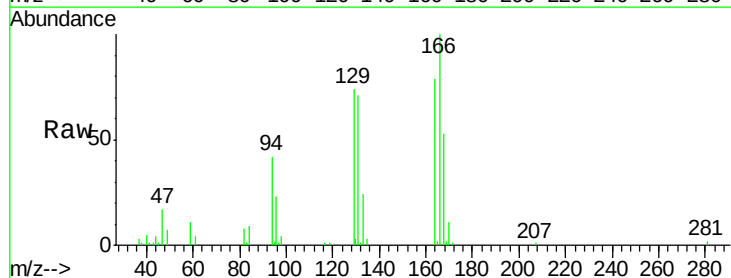
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MSVOA_N
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MW-9R_080719

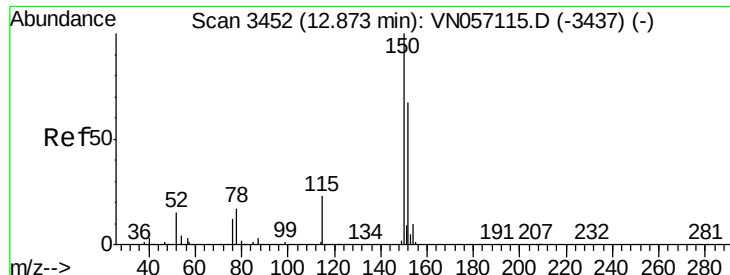
Tot Ion:117 Resp: 1464874
Ion Ratio Lower Upper
117 100
82 52.1 40.8 61.2
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 2.172 ug/l
RT: 10.11 min Scan# 2594
Delta R.T. 0.00 min
Lab File: VN057213.D
Acq: 12 Aug 2019 14:24

Tgt Ion:164 Resp: 26459
Ion Ratio Lower Upper
164 100
166 127.2 98.3 147.5
129 94.1 69.8 104.6
131 90.4 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: VN057213.D

Acq: 12 Aug 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

MW-9R 080719

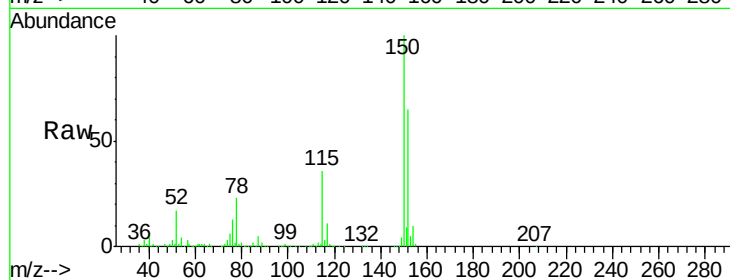
Tot Ion:152 Resp: 363022

Ion Ratio Lower Upper

152 100

115 56.2 27.5 82.5

150 155.8 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

