

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057217.D
 Acq On : 12 Aug 2019 16:02
 Operator : JC/SP
 Sample : K4262-01DL 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23S_080719DL

Manual Integrations
 APPROVED

MMDadoda
 8/22/2019 8:17:24 AM

Quant Time: Aug 22 08:14:24 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	1307588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1804209	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1498122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	401628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	600818	44.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.36%	
35) Dibromofluoromethane	6.99	113	549540	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
50) Toluene-d8	9.56	98	2093919	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.92	95	560311	40.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.30%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.22	96	11602m	0.836	ug/l	
44) Trichloroethene	8.27	130	107703	8.175	ug/l	92
52) Toluene	9.63	92	14092	0.483	ug/l	95
64) Tetrachloroethene	10.11	164	4633924	371.933	ug/l	96

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

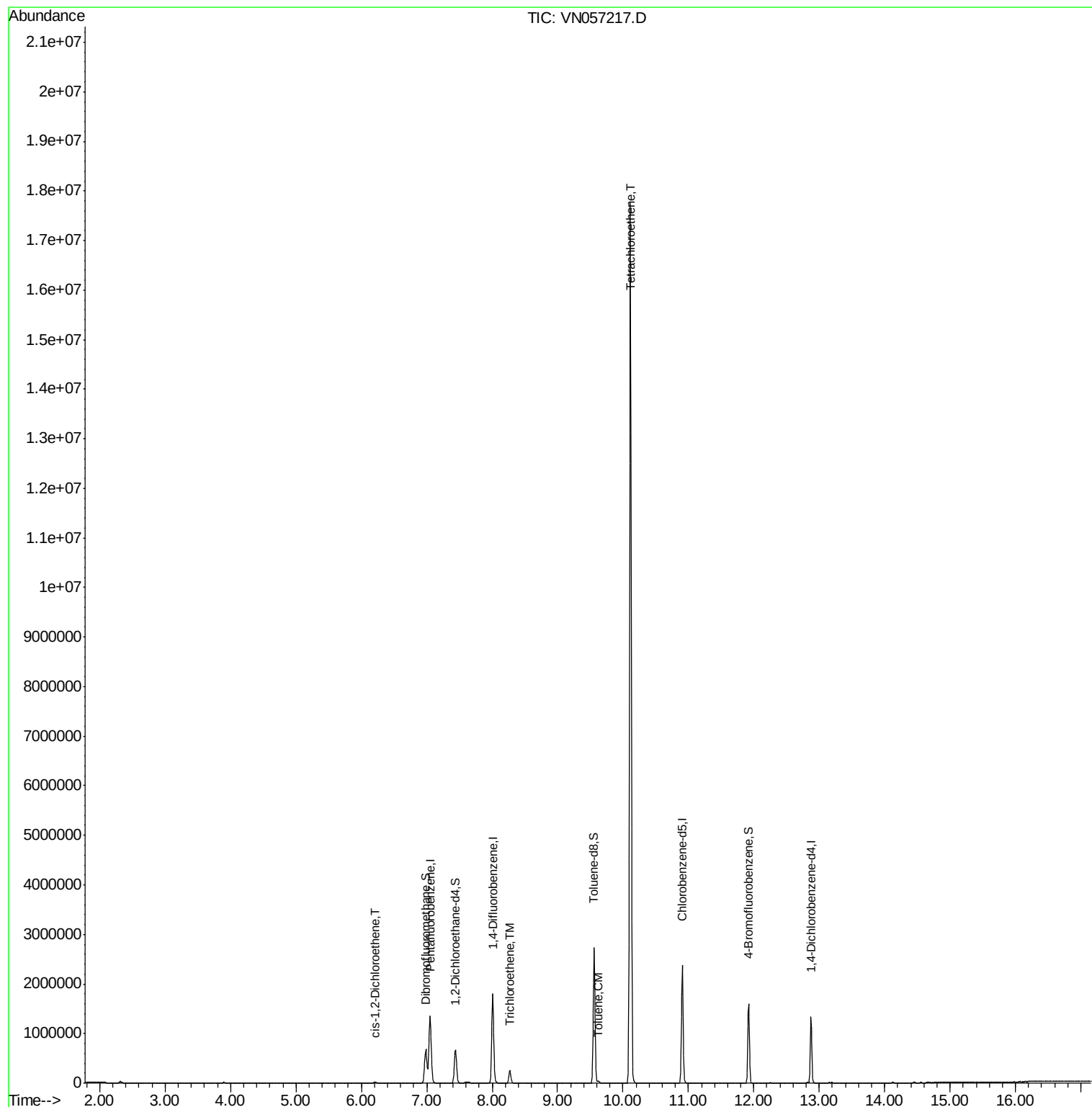
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081219\
Data File : VN057217.D
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Operator : JC/SP
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Misc : 5.00mL/MSVOA N/WATER
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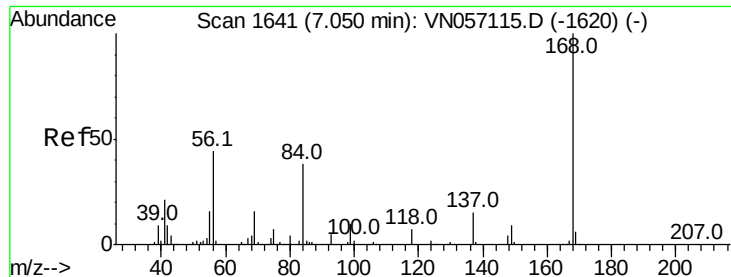
Instrument :
MSVOA_N
ClientSampleId :
MW-23S_080719DL

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Quant Time: Aug 22 08:14:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:49:25 2019
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: VN057217.D

Acq: 12 Aug 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

MW-23S_080719DL

Tot Ion:168 Resp: 1307588

Ion Ratio Lower Upper

168 100

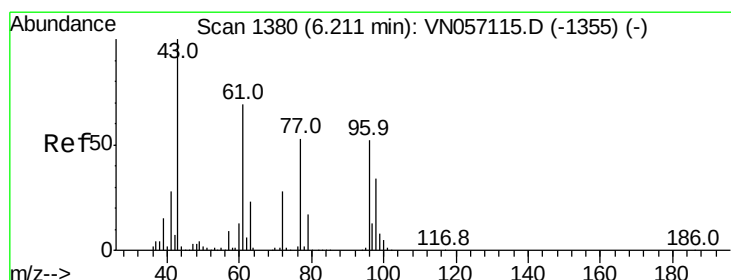
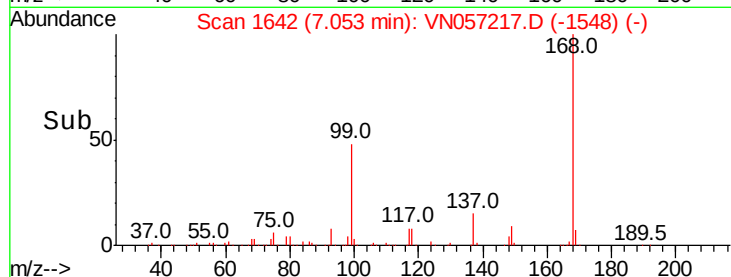
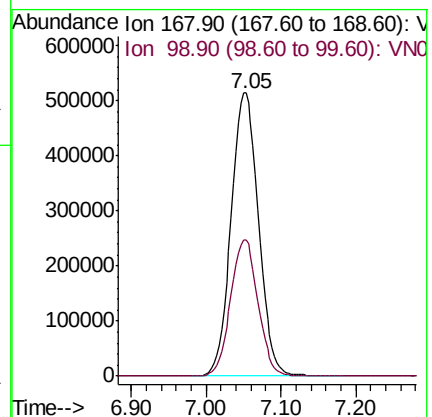
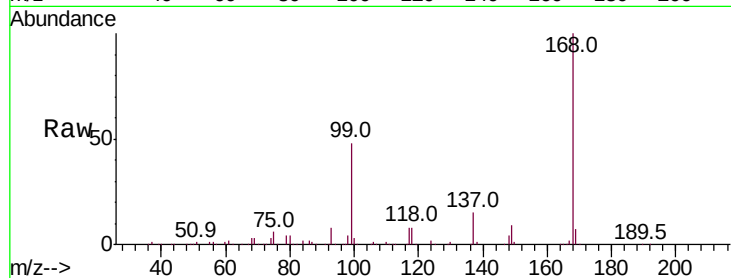
99 48.2 38.6 57.8

Manual Integrations

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#27

cis-1,2-Dichloroethene

Concen: 0.836 ug/l m

RT: 6.22 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VN057217.D

Acq: 12 Aug 2019 16:02

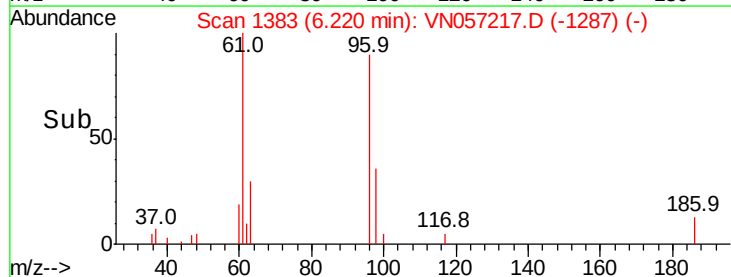
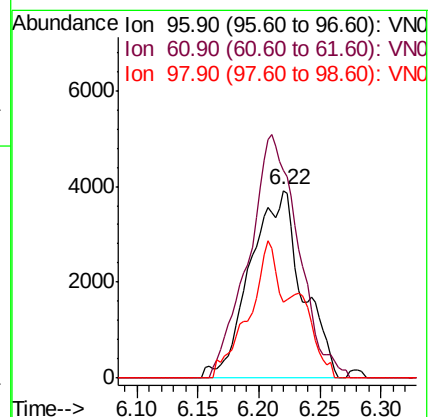
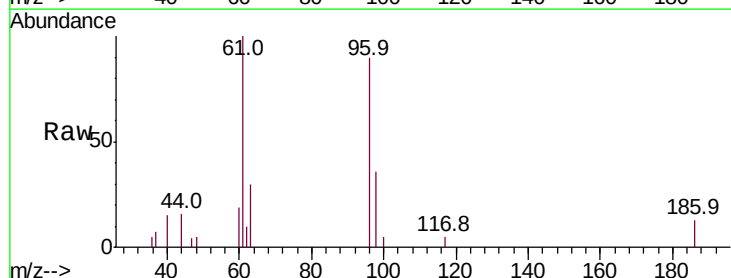
Tgt Ion: 96 Resp: 11602

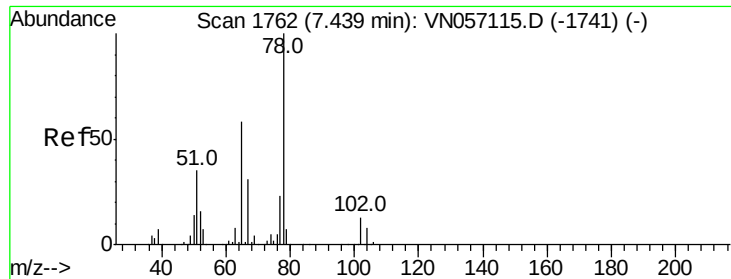
Ion Ratio Lower Upper

96 100

61 123.9 0.0 273.4

98 42.4 0.0 130.4





#33

1,2-Dichloroethane-d4

Concen: 44.678 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VN057217.D

Acq: 12 Aug 2019 16:02

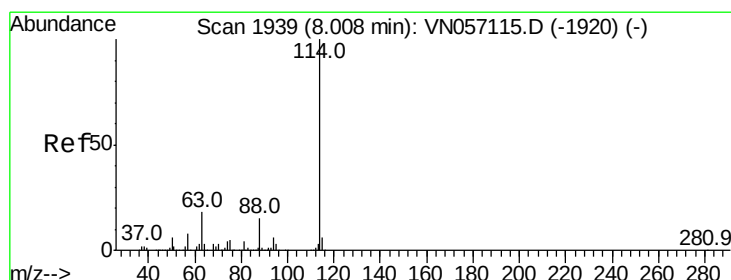
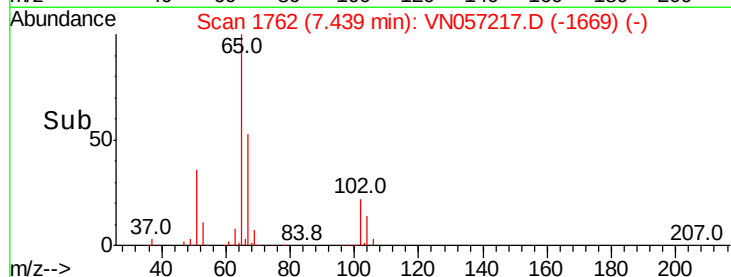
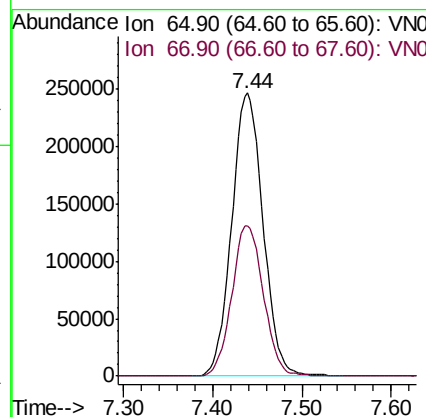
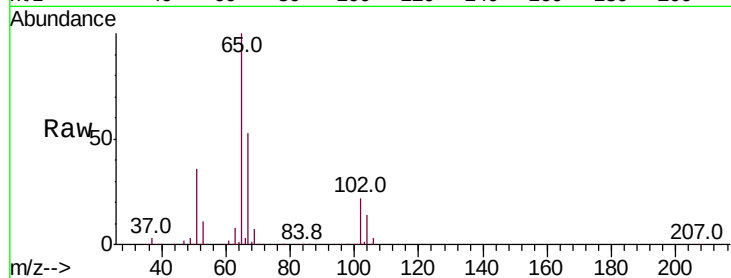
Instrument :
MSVOA_N

ClientSampleId :
MW-23S_080719DL

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	108.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

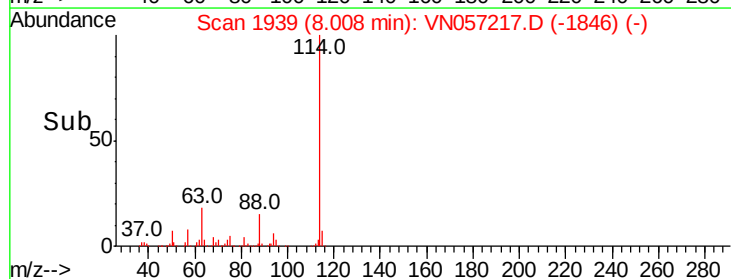
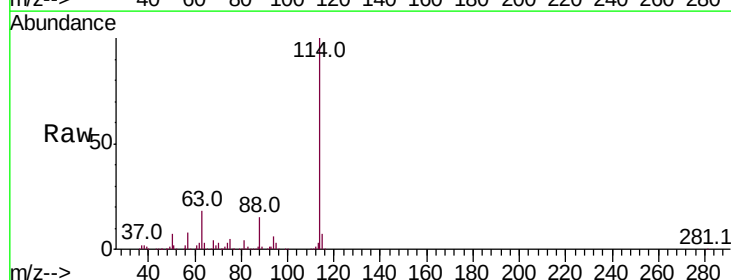
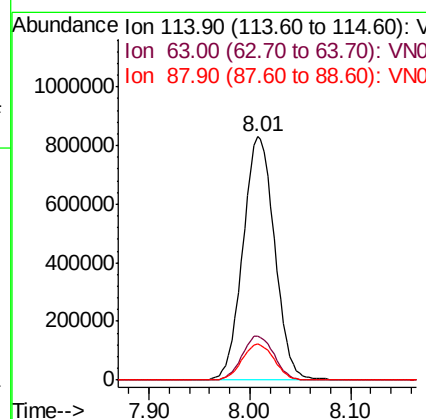
RT: 8.01 min Scan# 1939

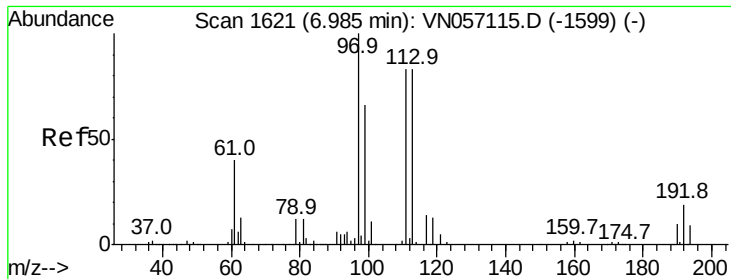
Delta R.T. -0.00 min

Lab File: VN057217.D

Acq: 12 Aug 2019 16:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	36.2
88	15.1	0.0	30.0





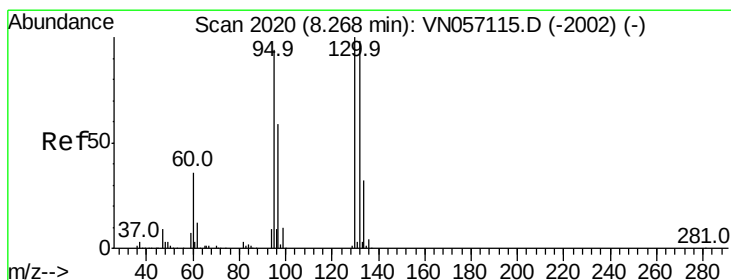
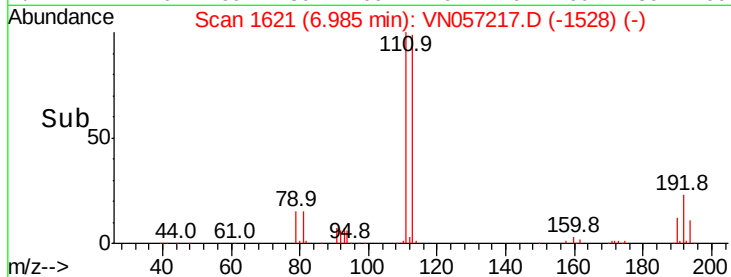
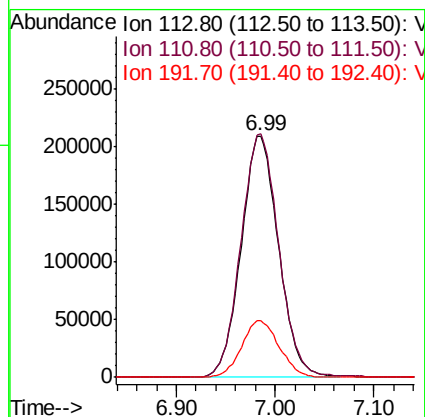
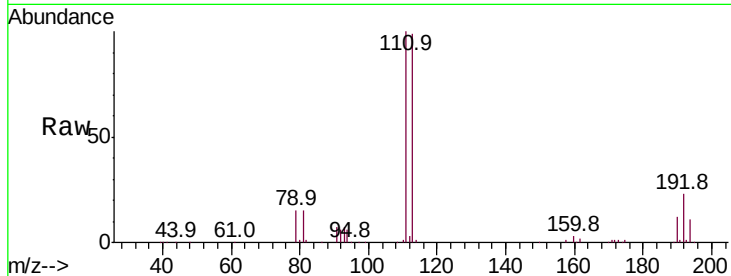
#35
 Dibromofluoromethane
 Concen: 48.539 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057217.D
 Acq: 12 Aug 2019 16:02

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23S_080719DL

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.3	121.9
192	23.5	19.0	28.4

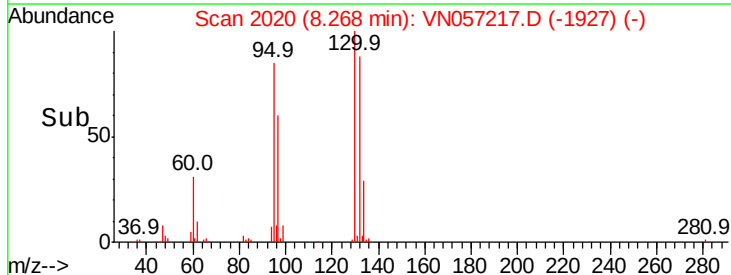
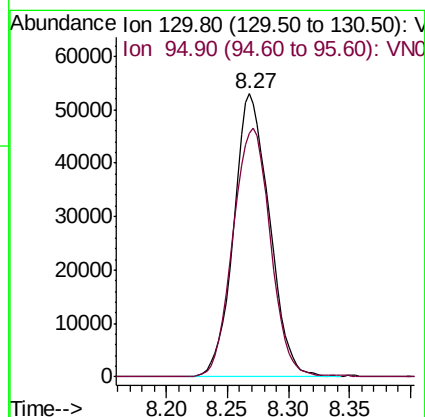
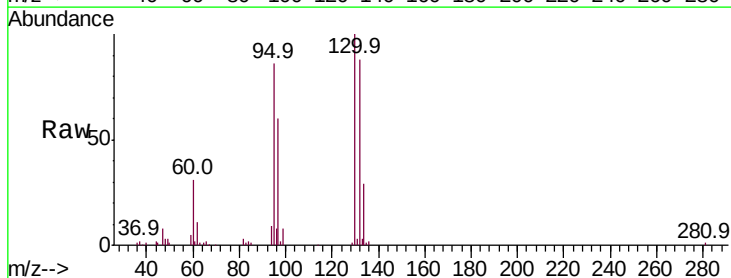
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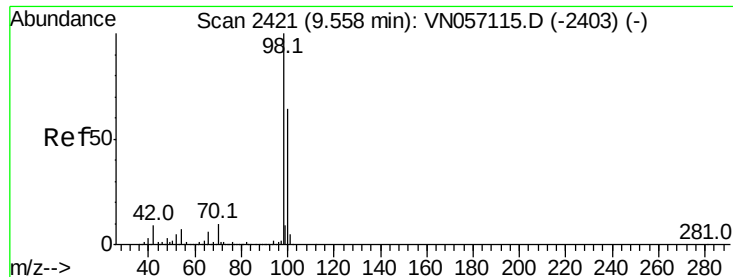
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#44
 Trichloroethene
 Concen: 8.175 ug/l
 RT: 8.27 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: VN057217.D
 Acq: 12 Aug 2019 16:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.1	0.0	187.4





#50

Toluene-d8

Concen: 48.342 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. -0.00 min

Lab File: VN057217.D

Acq: 12 Aug 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

MW-23S_080719DL

Tot Ion: 98 Resp: 2093919

Ion Ratio Lower Upper

98 100

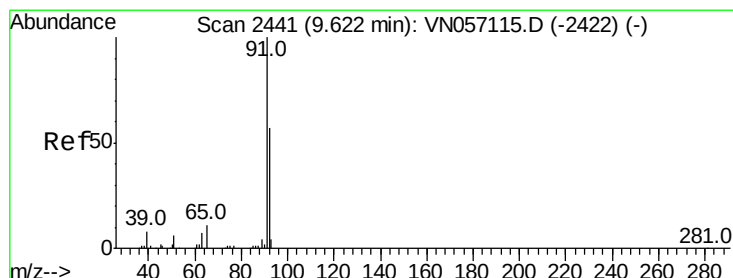
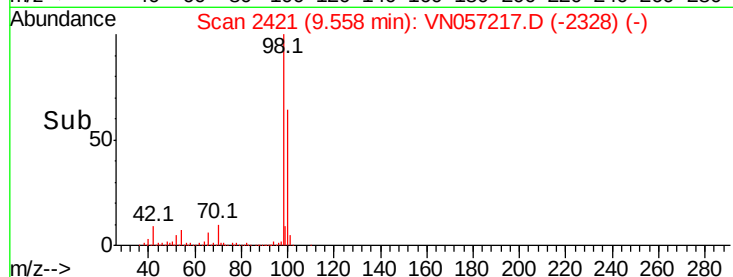
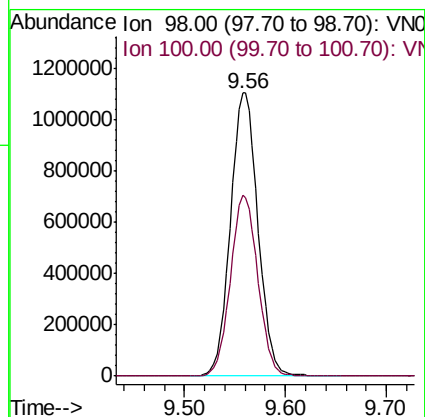
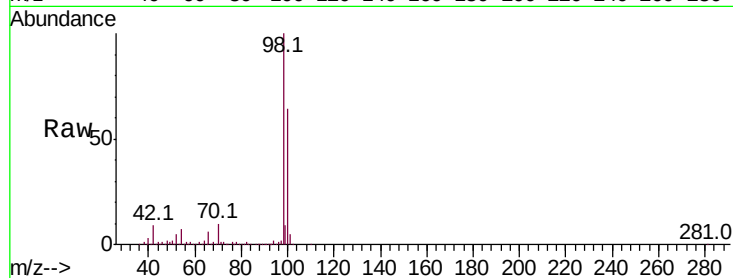
100 63.8 51.2 76.8

Manual Integrations

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#52

Toluene

Concen: 0.483 ug/l

RT: 9.63 min Scan# 2442

Delta R.T. 0.00 min

Lab File: VN057217.D

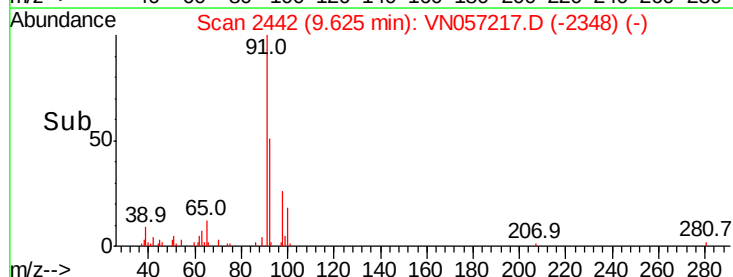
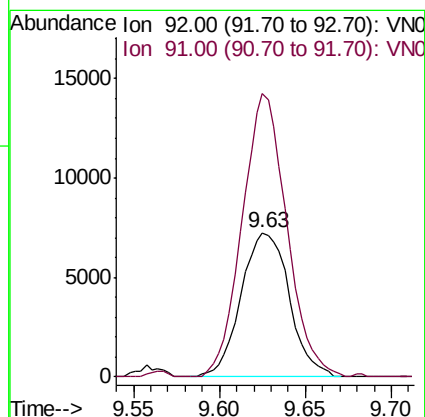
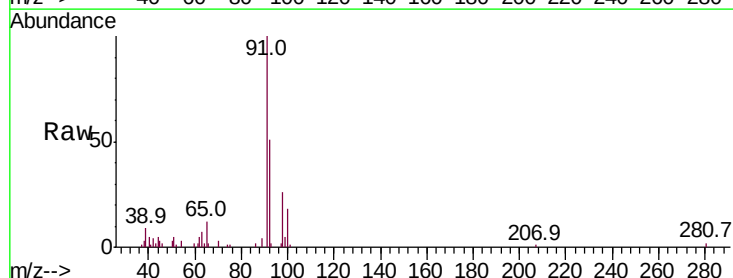
Acq: 12 Aug 2019 16:02

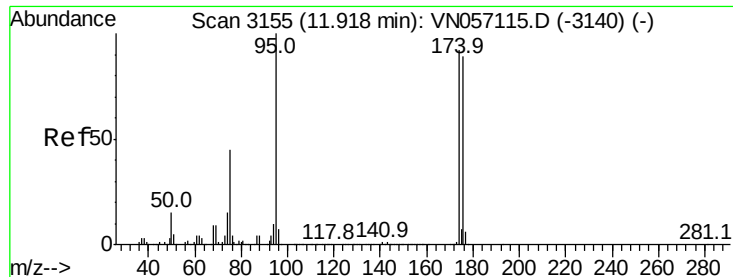
Tgt Ion: 92 Resp: 14092

Ion Ratio Lower Upper

92 100

91 182.2 139.8 209.8





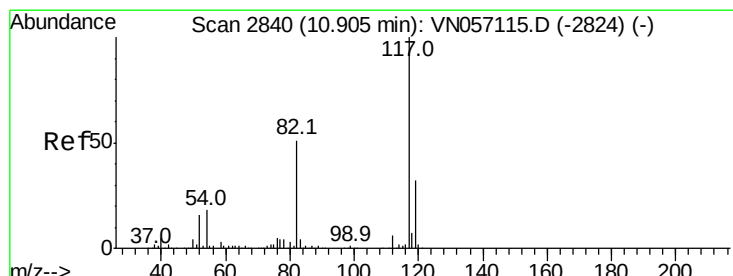
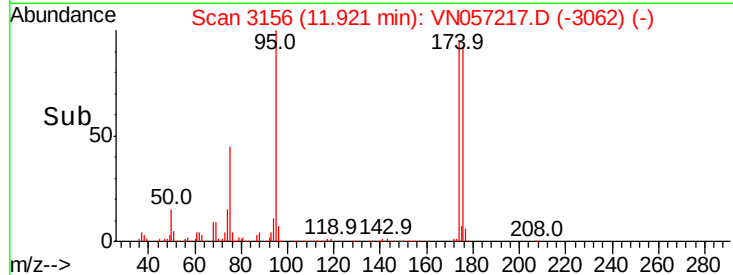
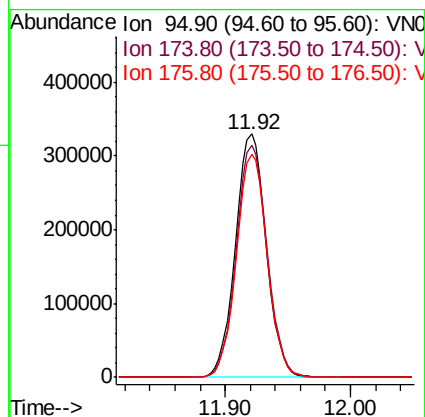
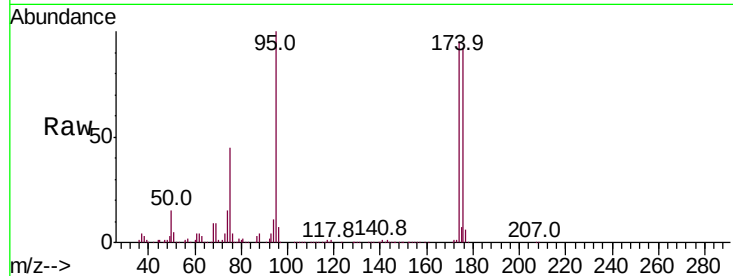
#62
4-Bromofluorobenzene
Concen: 40.147 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057217.D
Acq: 12 Aug 2019 16:02

Instrument :
MSVOA_N
ClientSampleId :
MW-23S_080719DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	185.0
176	91.8	0.0	181.2

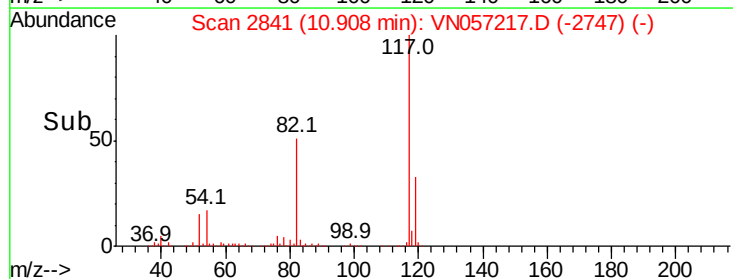
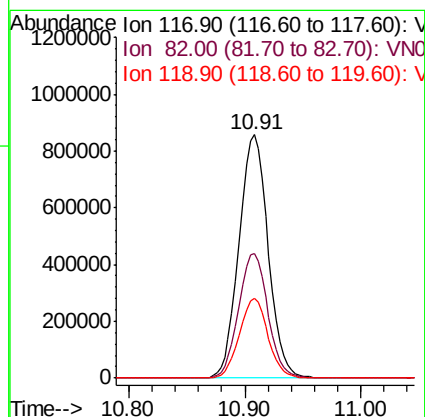
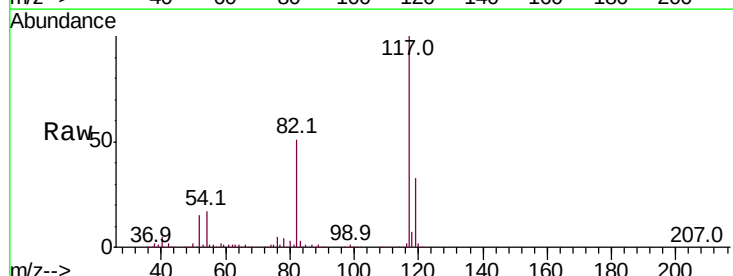
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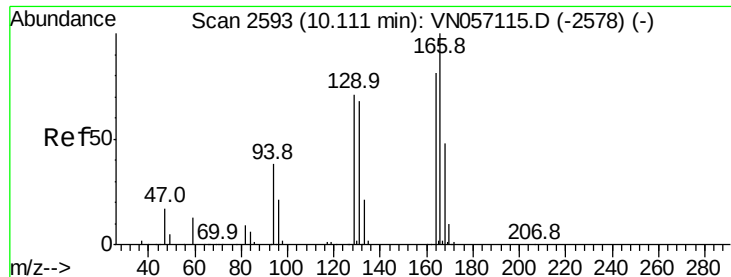
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057217.D
Acq: 12 Aug 2019 16:02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.4	40.8	61.2
119	32.8	25.7	38.5





#64

Tetrachloroethene

Concen: 371.933 ug/l

RT: 10.11 min Scan# 2594

Delta R.T. 0.00 min

Lab File: VN057217.D

Acq: 12 Aug 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

MW-23S_080719DL

Tot Ion:164 Resp: 4633924

Ion Ratio Lower Upper

164 100

166 128.9 98.3 147.5

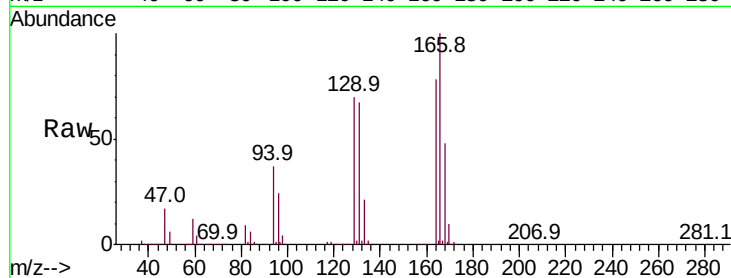
129 90.0 69.8 104.6

131 86.9 66.8 100.2

Manual Integrations
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8/22/2019 8:17:24 AM



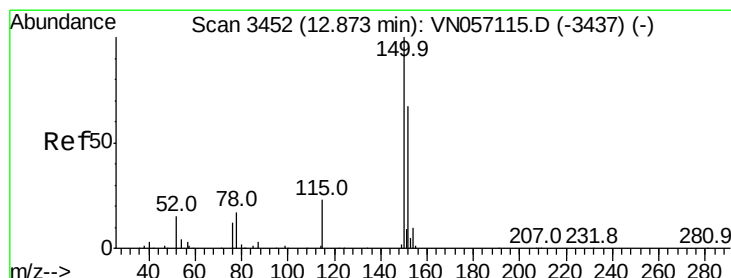
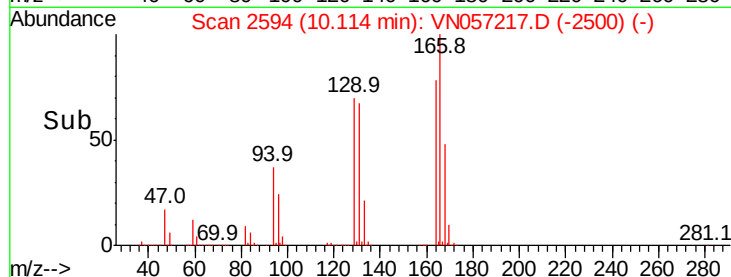
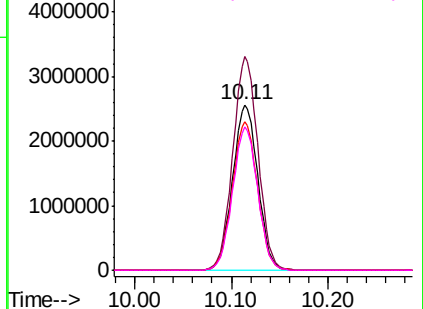
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057217.D

Acq: 12 Aug 2019 16:02

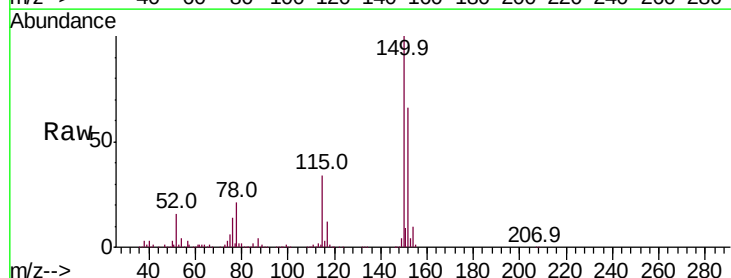
Tgt Ion:152 Resp: 401628

Ion Ratio Lower Upper

152 100

115 54.2 27.5 82.5

150 153.3 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

