

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032520\
 Data File : VN060702.D
 Acq On : 25 Mar 2020 17:07
 Operator : JC/MD
 Sample : L1997-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D2-20200315

Quant Time: Mar 26 05:23:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

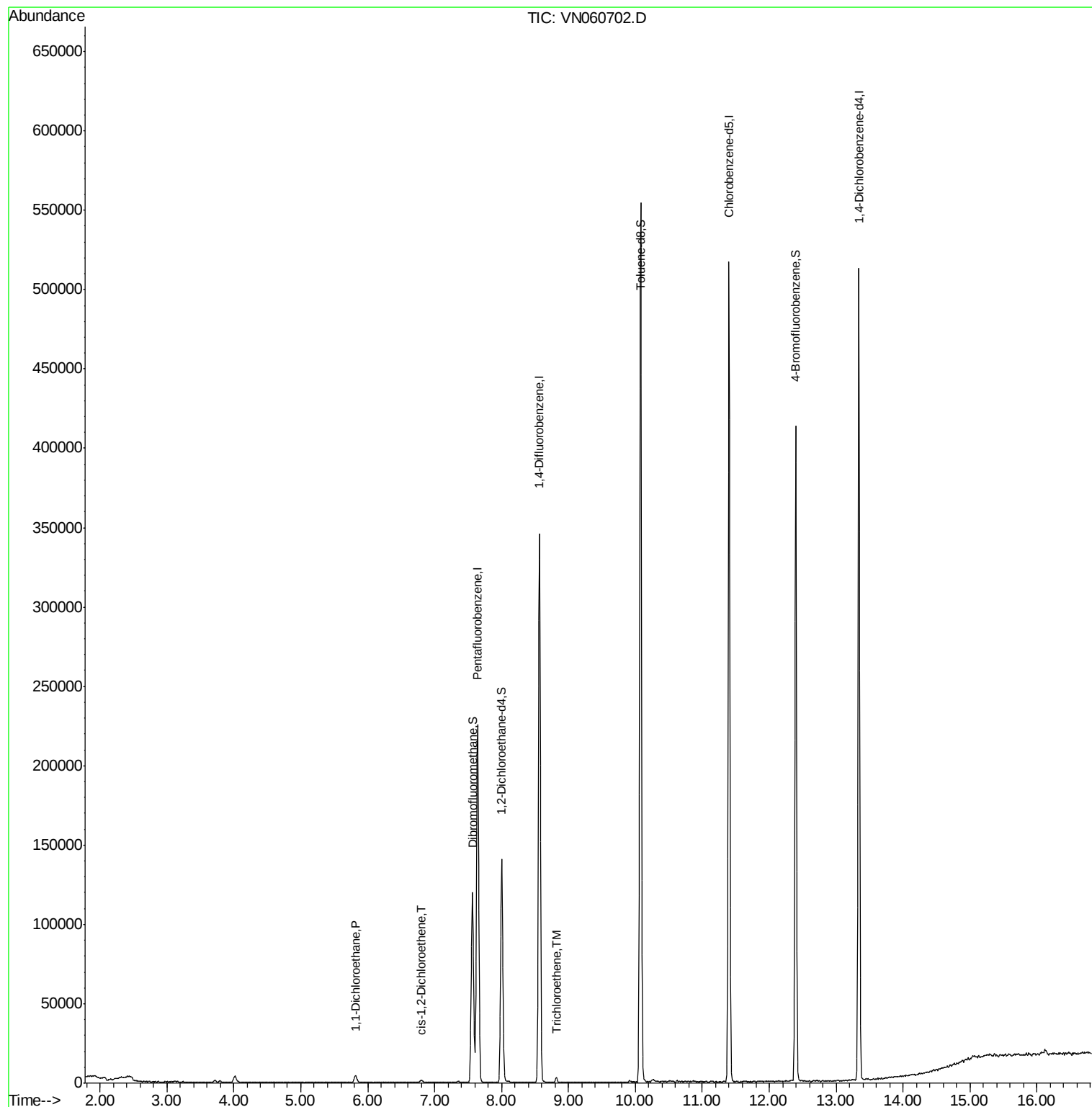
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	184101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	305371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	289466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	122361	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
35) Dibromofluoromethane	7.56	113	92650	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	10.08	98	379122	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.40	95	143609	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
Target Compounds						
24) 1,1-Dichloroethane	5.81	63	7689	1.904	ug/l #	93
27) cis-1,2-Dichloroethene	6.80	96	1132	0.469	ug/l	75
44) Trichloroethene	8.82	130	1180	0.524	ug/l	96

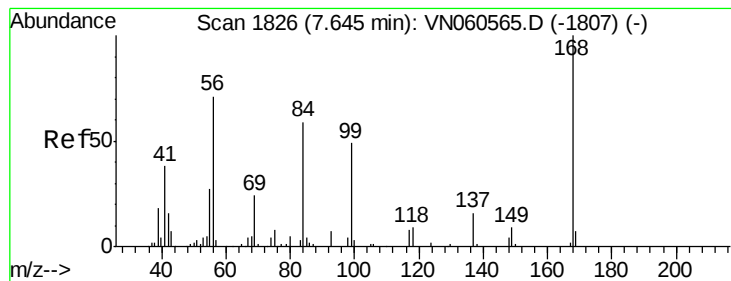
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060702.D

Acq: 25 Mar 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

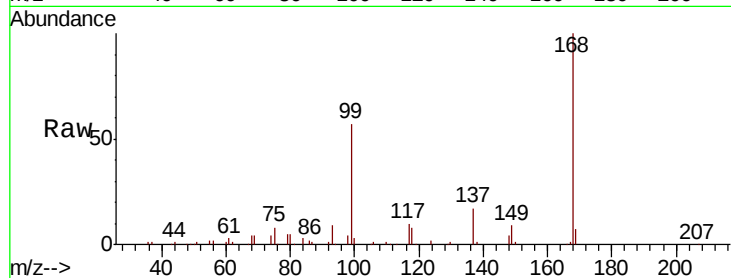
MW203D2-20200315

Tot Ion:168 Resp: 184101

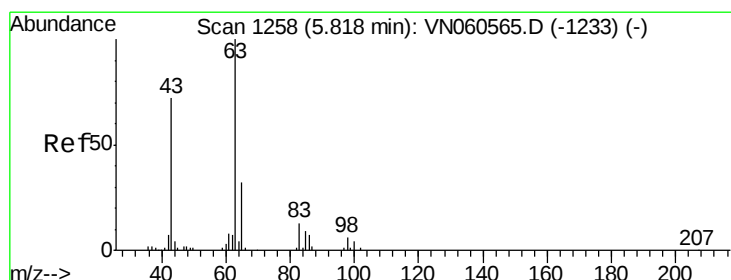
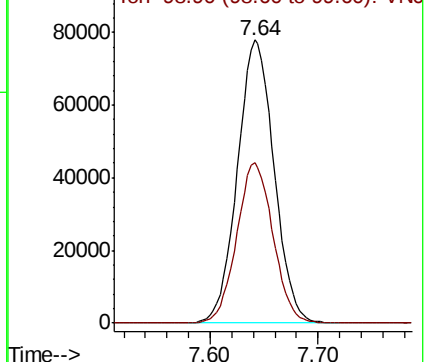
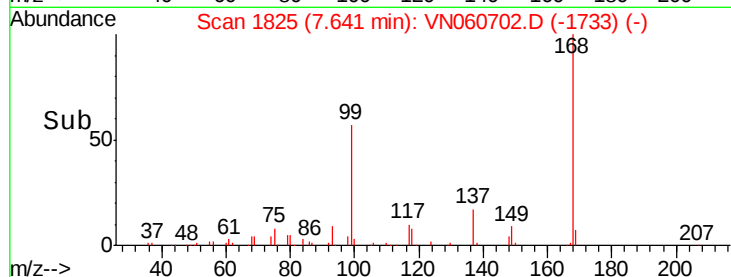
Ion Ratio Lower Upper

168 100

99 56.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060702.D (-1733) (-)



#24

1,1-Dichloroethane

Concen: 1.904 ug/l

RT: 5.81 min Scan# 1255

Delta R.T. -0.01 min

Lab File: VN060702.D

Acq: 25 Mar 2020 17:07

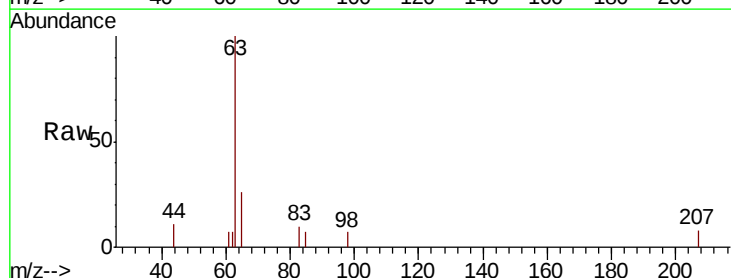
Tgt Ion: 63 Resp: 7689

Ion Ratio Lower Upper

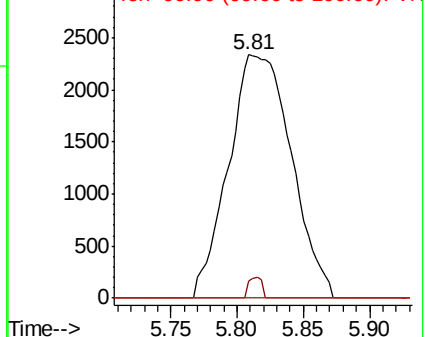
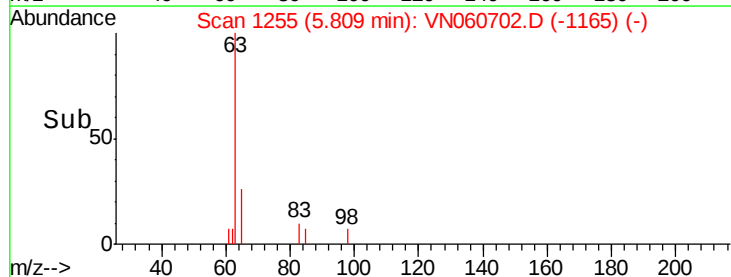
63 100

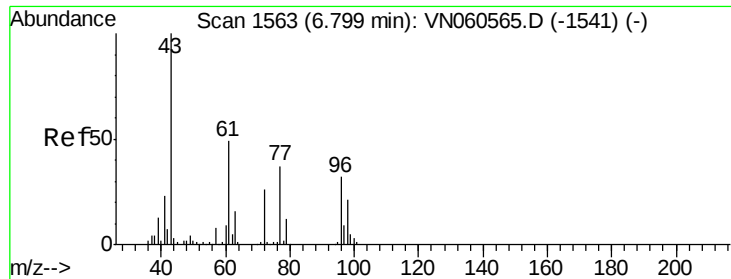
98 7.1 2.9 8.7

100 0.0 1.8 5.5#



Abundance Ion 62.90 (62.60 to 63.60): VN060702.D (-1165) (-)





#27

cis-1,2-Dichloroethene

Concen: 0.469 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060702.D

Acq: 25 Mar 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

MW203D2-20200315

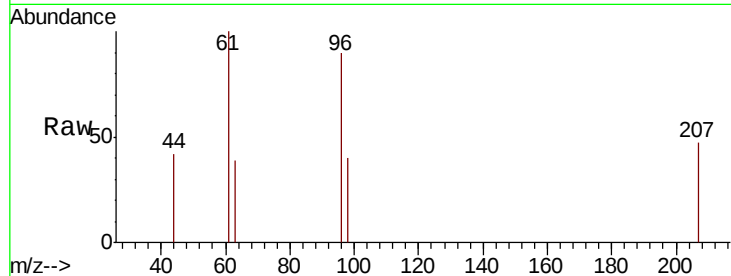
Tot Ion: 96 Resp: 1132

Ion Ratio Lower Upper

96 100

61 139.0 0.0 305.6

98 18.1 0.0 127.6

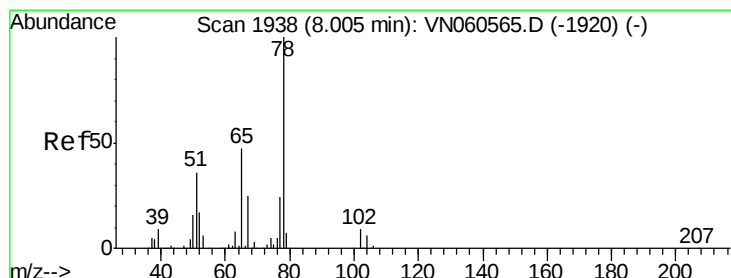
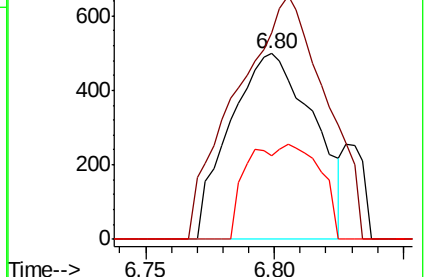
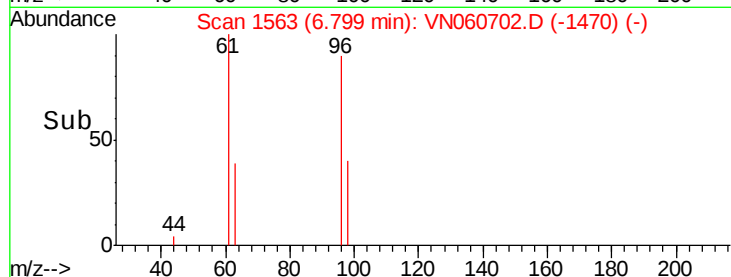


Abundance Ion 95.90 (95.60 to 96.60): VN060702.D (-1470) (-)

Ion 60.90 (60.60 to 61.60): VN060702.D (-1470) (-)

Ion 97.90 (97.60 to 98.60): VN060702.D (-1470) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.416 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060702.D

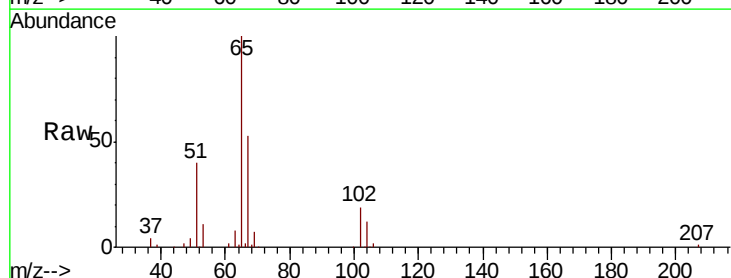
Acq: 25 Mar 2020 17:07

Tgt Ion: 65 Resp: 122361

Ion Ratio Lower Upper

65 100

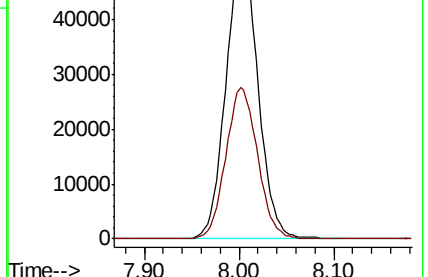
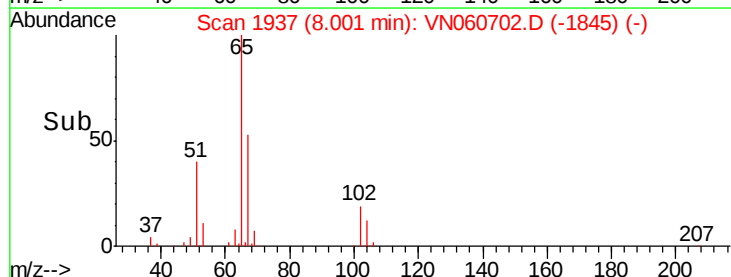
67 52.6 0.0 107.6

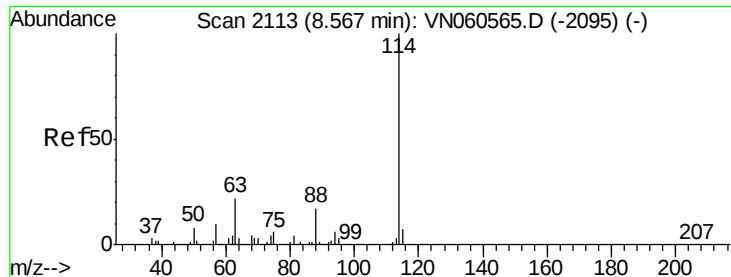


Abundance Ion 64.90 (64.60 to 65.60): VN060702.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060702.D (-1845) (-)

Time-->

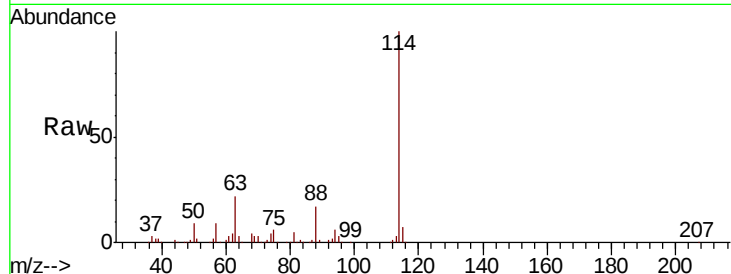




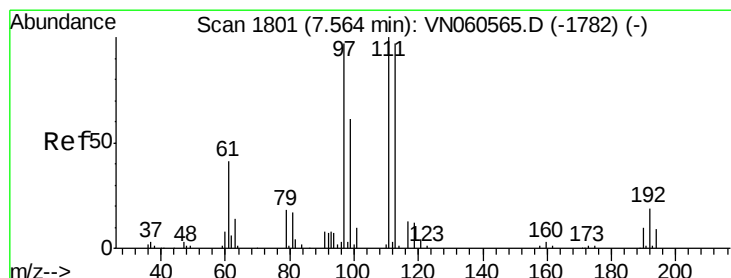
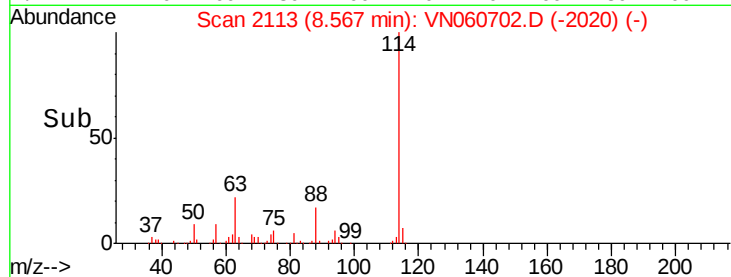
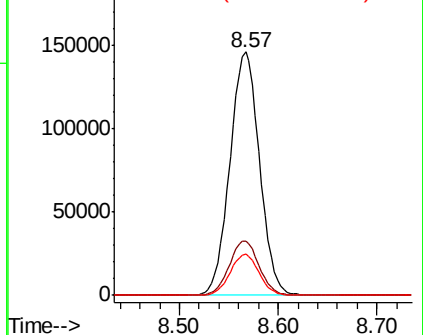
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060702.D
 Acq: 25 Mar 2020 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D2-20200315

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.8
88	16.8	0.0	33.0

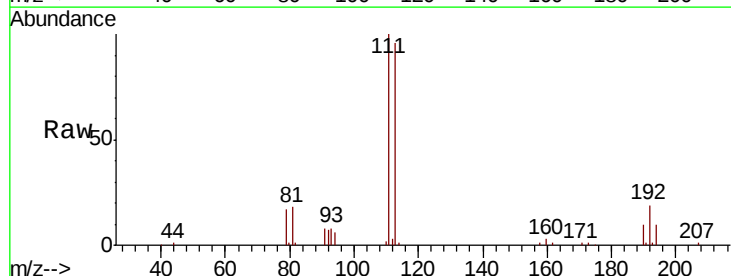


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

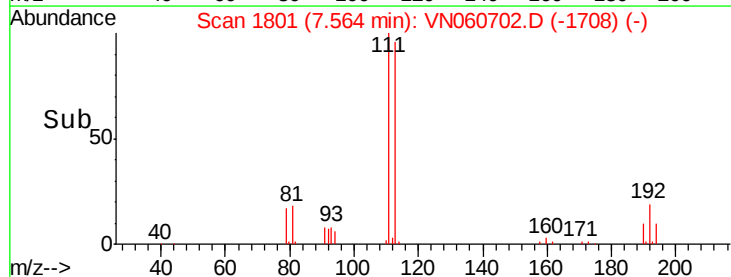
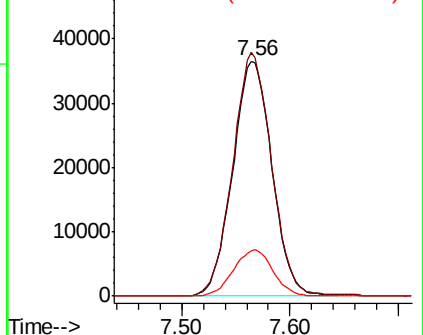


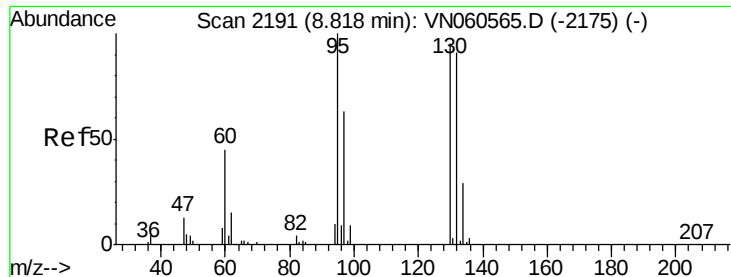
#35
 Dibromofluoromethane
 Concen: 50.176 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060702.D
 Acq: 25 Mar 2020 17:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.9	124.3
192	19.6	15.8	23.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.524 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060702.D

Acq: 25 Mar 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

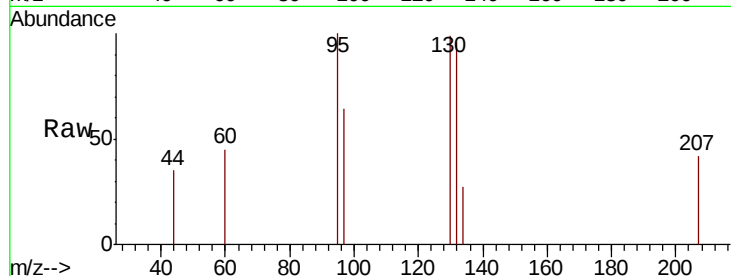
MW203D2-20200315

Tot Ion:130 Resp: 1180

Ion Ratio Lower Upper

130 100

95 101.5 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.82

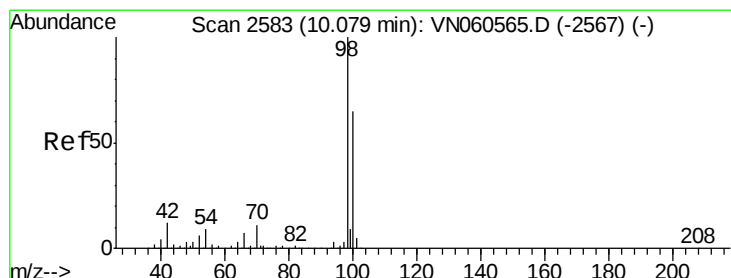
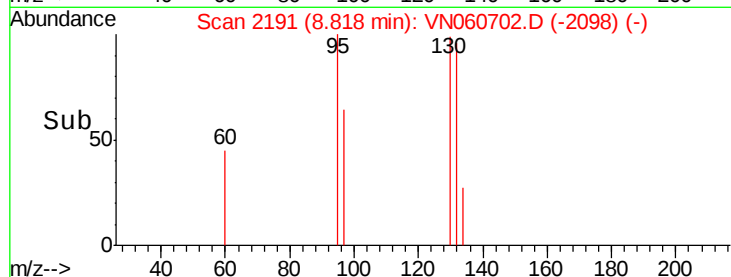
600

400

200

0

Time-->



#50

Toluene-d8

Concen: 50.267 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060702.D

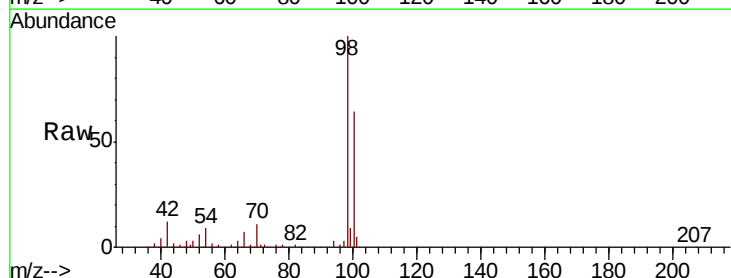
Acq: 25 Mar 2020 17:07

Tgt Ion: 98 Resp: 379122

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.08

250000

200000

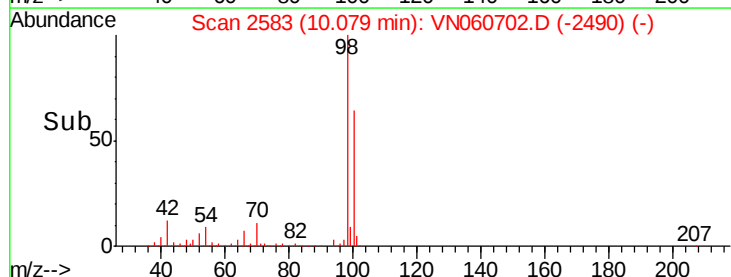
150000

100000

50000

0

Time-->

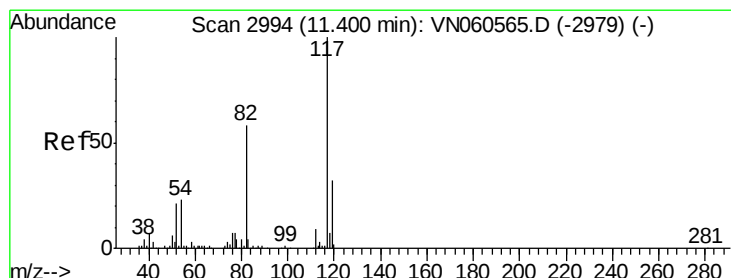
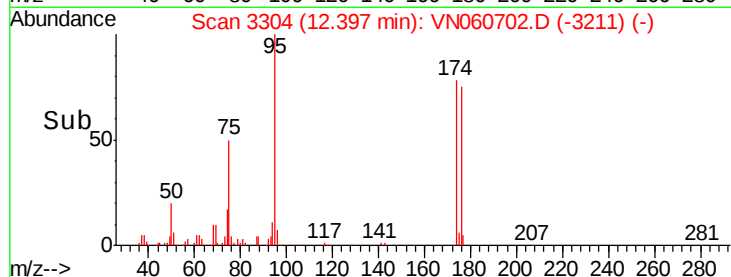
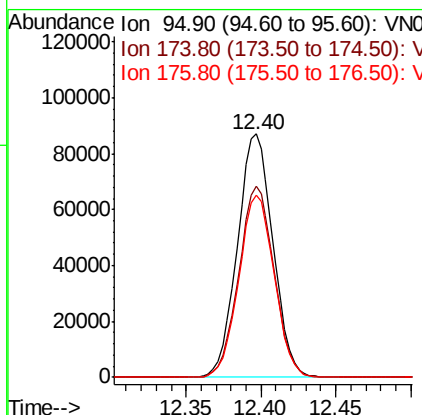
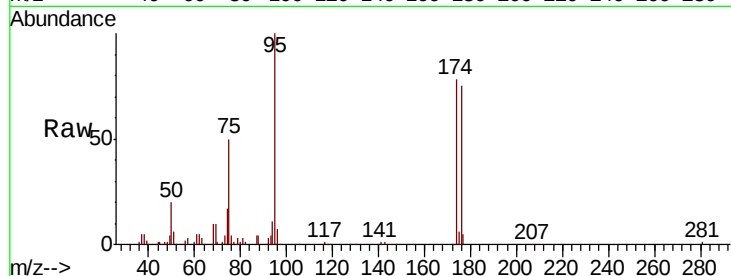




#62
4-Bromofluorobenzene
Concen: 51.955 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060702.D
Acq: 25 Mar 2020 17:07

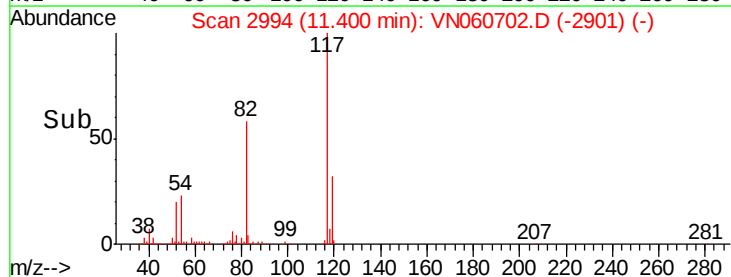
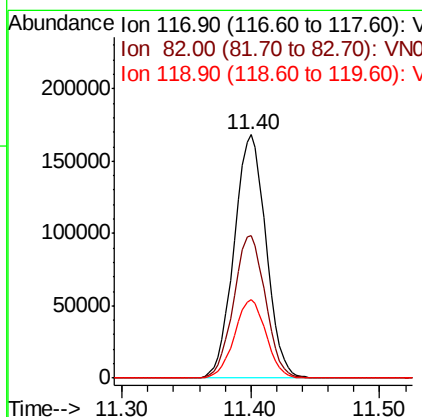
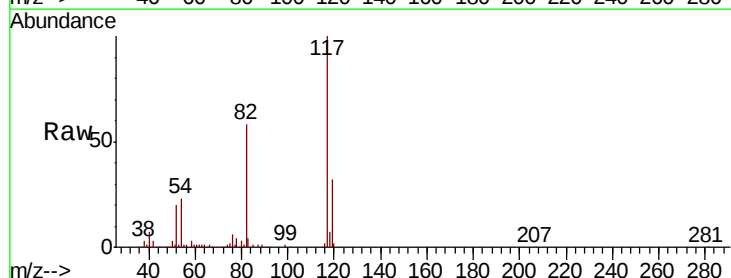
Instrument :
MSVOA_N
ClientSampleId :
MW203D2-20200315

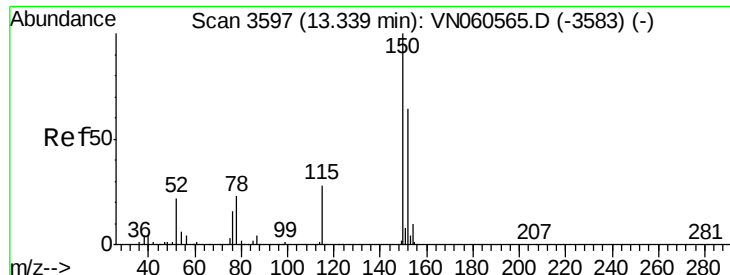
Tot Ion: 95 Resp: 143609
Ion Ratio Lower Upper
95 100
174 78.2 0.0 157.6
176 74.7 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060702.D
Acq: 25 Mar 2020 17:07

Tgt Ion: 117 Resp: 289466
Ion Ratio Lower Upper
117 100
82 58.4 46.7 70.1
119 32.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060702.D

Acq: 25 Mar 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

MW203D2-20200315

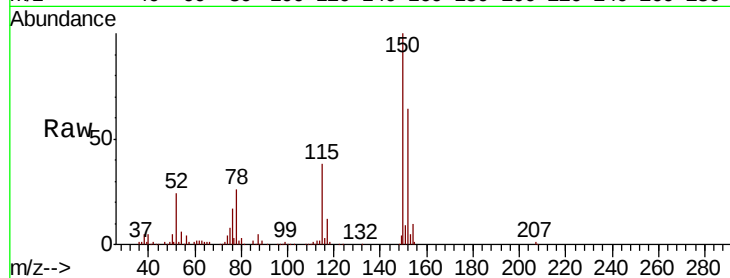
Tot Ion:152 Resp: 134748

Ion Ratio Lower Upper

152 100

115 59.7 30.2 90.6

150 157.9 0.0 350.2



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

