

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061978.D
 Acq On : 20 Jun 2020 5:39
 Operator : JC/MD
 Sample : L3043-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200614

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 10:30:19 AM

Quant Time: Jun 23 12:04:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	144264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	260801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	251553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	91702	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	95803	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
35) Dibromofluoromethane	7.55	113	83601	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
50) Toluene-d8	10.06	98	324844	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.38	95	105314	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
Target Compounds						
12) 1,1-Dichloroethene	3.70	96	1371	0.935	ug/l	87
16) Acetone	3.78	43	1947	3.407	ug/l #	82
24) 1,1-Dichloroethane	5.79	63	9376	3.219	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	6773	3.486	ug/l	97
30) Chloroform	7.33	83	1939m	0.623	ug/l	
32) 1,1,1-Trichloroethane	7.53	97	3008	1.135	ug/l #	51
44) Trichloroethene	8.80	130	36173	19.074	ug/l	95
52) Toluene	10.13	92	1764	0.390	ug/l	98
64) Tetrachloroethene	10.61	164	1061	0.662	ug/l	86

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

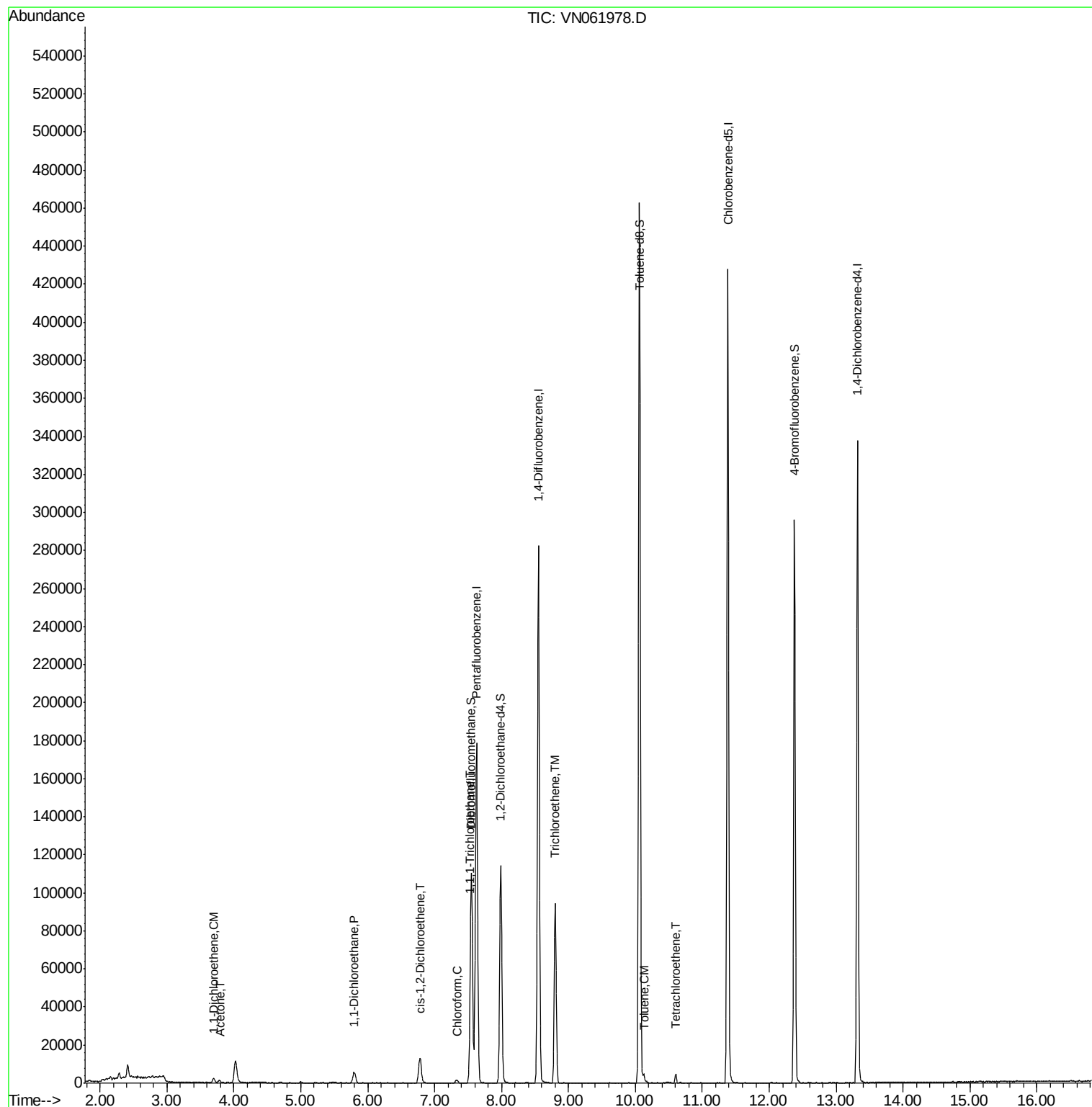
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061920\
Data File : VN061978.D
Acq On : 20 Jun 2020 5:39
Operator : JC/MD
Sample : L3043-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 39 Sample Multiplier: 1

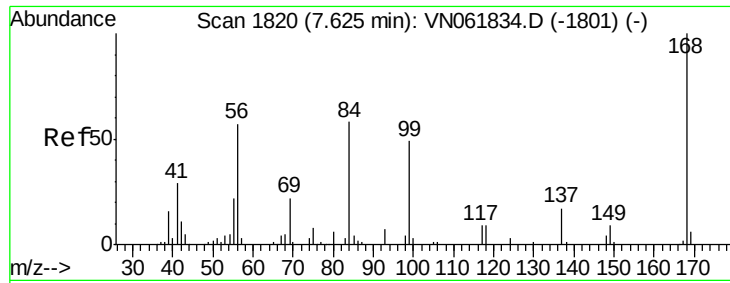
Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200614

Manual Integrations
APPROVED

MMDadoda
6/22/2020 10:30:19 AM

Quant Time: Jun 23 12:04:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061978.D

Acq: 20 Jun 2020 5:39

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20200614

Tot Ion:168 Resp: 144264

Ion Ratio Lower Upper

168 100

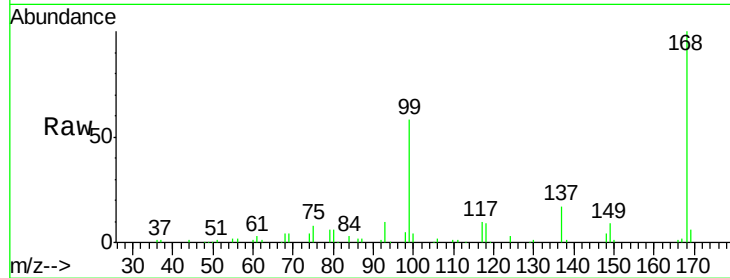
99 58.2 44.6 67.0

Manual Integrations

APPROVED

MMDadoda

6/22/2020 10:30:19 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

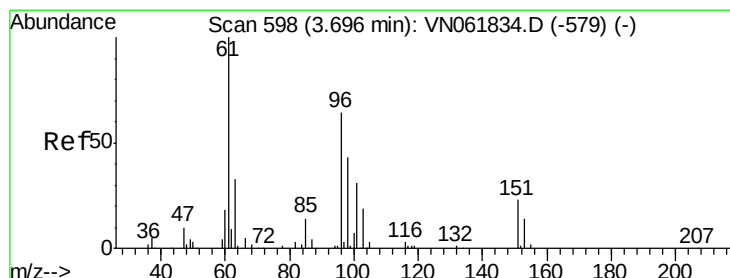
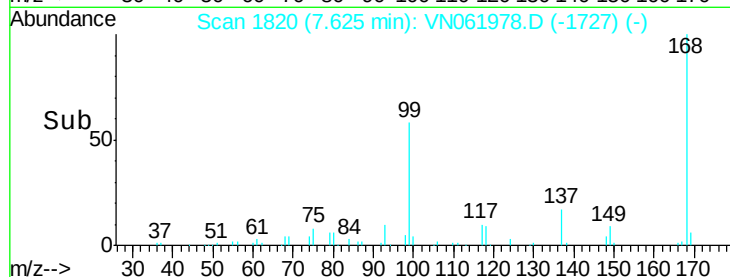
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.935 ug/l

RT: 3.70 min Scan# 598

Delta R.T. -0.00 min

Lab File: VN061978.D

Acq: 20 Jun 2020 5:39

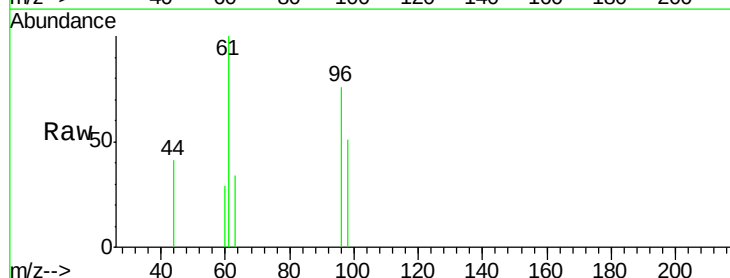
Tgt Ion: 96 Resp: 1371

Ion Ratio Lower Upper

96 100

61 132.4 124.3 186.5

98 67.0 53.1 79.7



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

3.70

1000

800

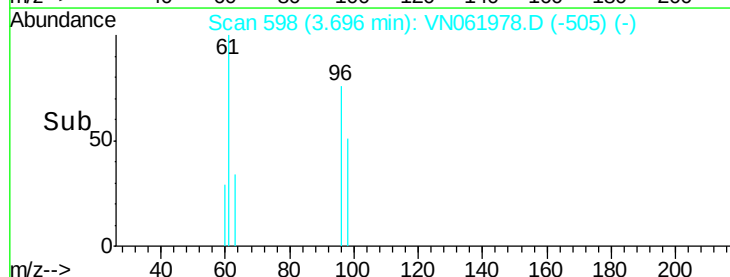
600

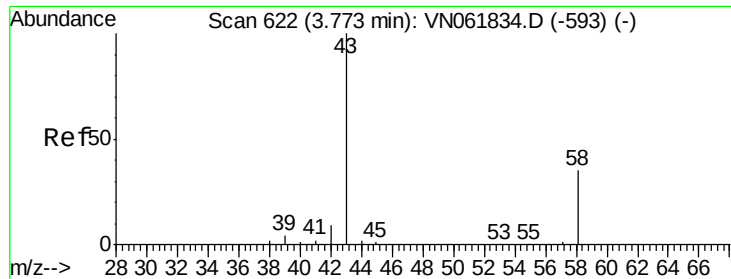
400

200

0

Time-->





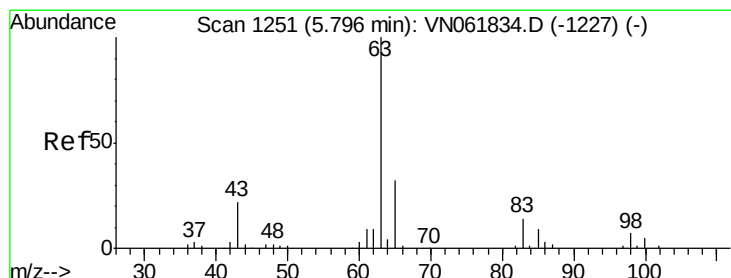
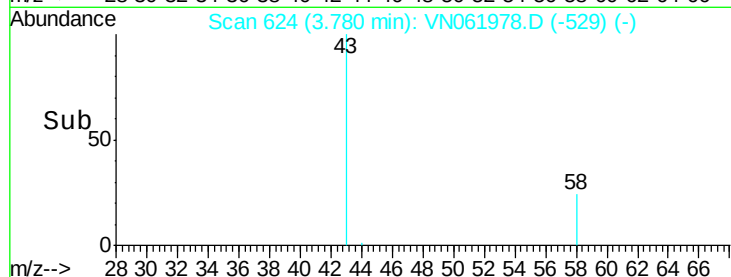
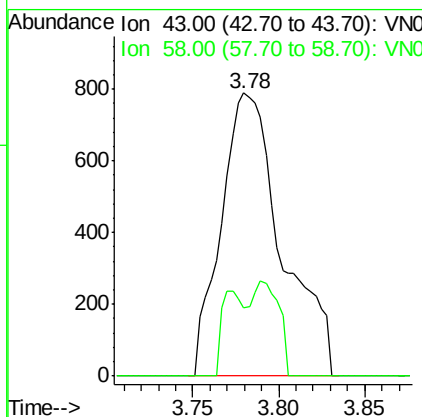
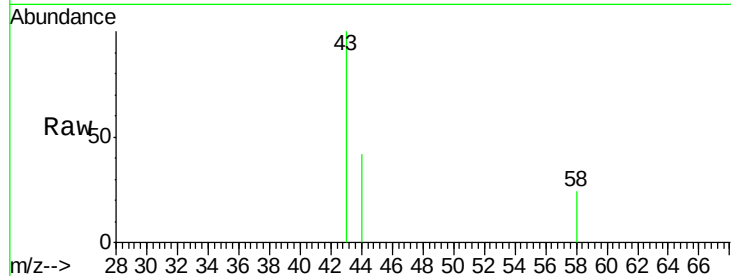
#16
Acetone
Concen: 3.407 ug/l
RT: 3.78 min Scan# 624
Delta R.T. 0.01 min
Lab File: VN061978.D
Acq: 20 Jun 2020 5:39

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200614

Tot Ion: 43 Resp: 1947
Ion Ratio Lower Upper
43 100
58 24.2 27.8 41.8#

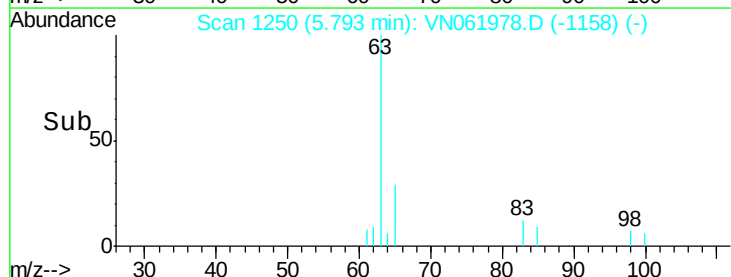
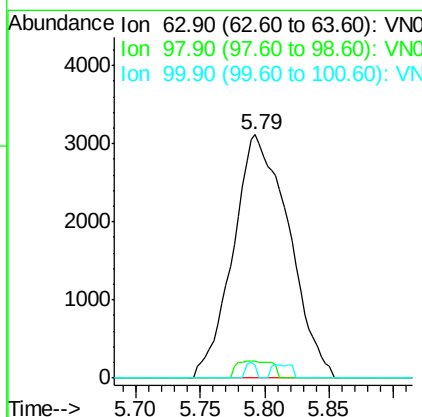
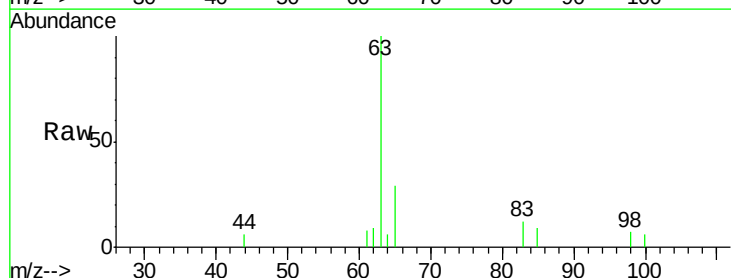
Manual Integrations
APPROVED

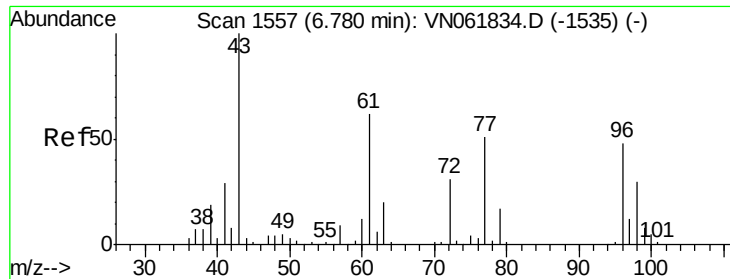
MMDadoda
6/22/2020 10:30:19 AM



#24
1,1-Dichloroethane
Concen: 3.219 ug/l
RT: 5.79 min Scan# 1250
Delta R.T. -0.00 min
Lab File: VN061978.D
Acq: 20 Jun 2020 5:39

Tgt Ion: 63 Resp: 9376
Ion Ratio Lower Upper
63 100
98 7.0 3.5 10.4
100 5.6 2.5 7.4





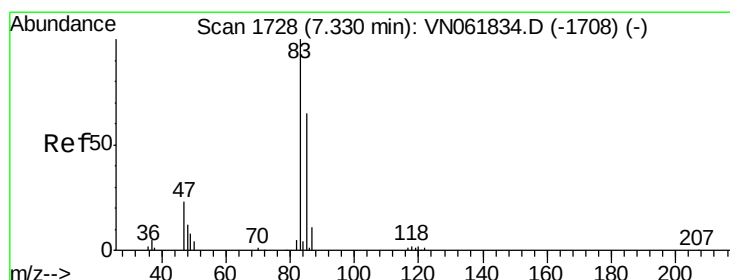
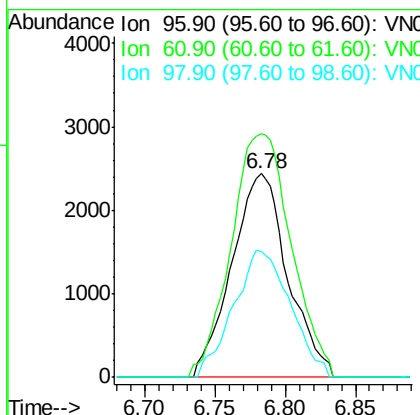
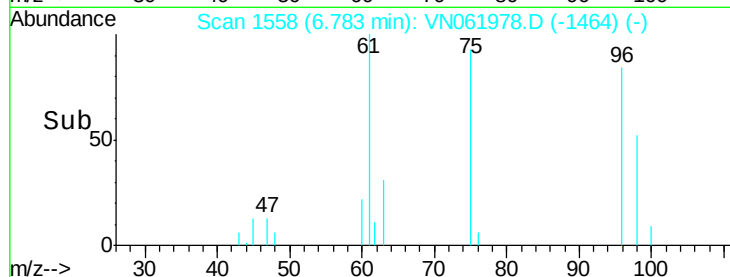
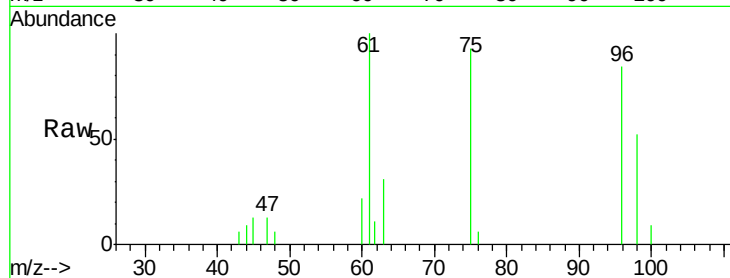
#27
 cis-1,2-Dichloroethene
 Concen: 3.486 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN061978.D
 Acq: 20 Jun 2020 5:39

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200614

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.2	0.0	265.6
98	63.1	0.0	128.2

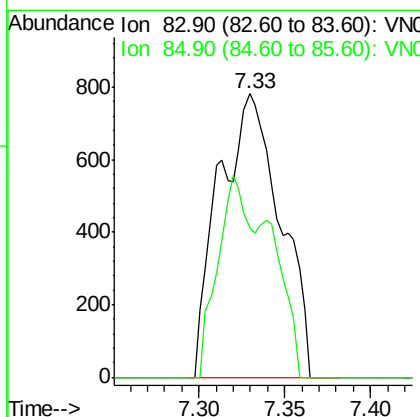
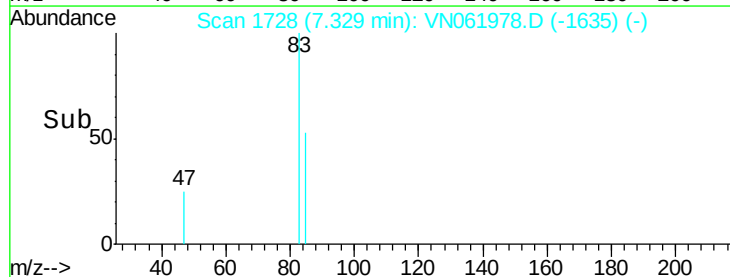
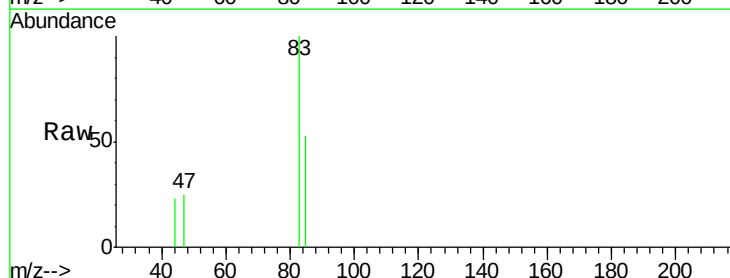
Manual Integrations
 APPROVED

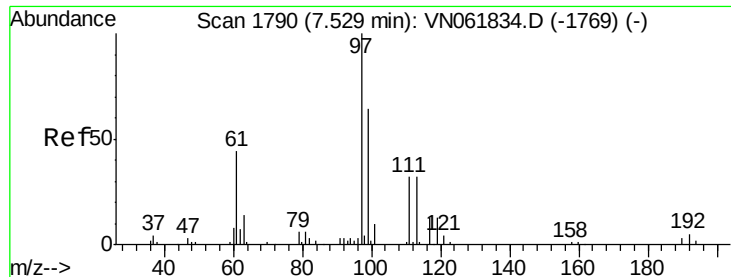
MMDadoda
 6/22/2020 10:30:19 AM



#30
 Chloroform
 Concen: 0.623 ug/l m
 RT: 7.33 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: VN061978.D
 Acq: 20 Jun 2020 5:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	52.8	52.0	78.0





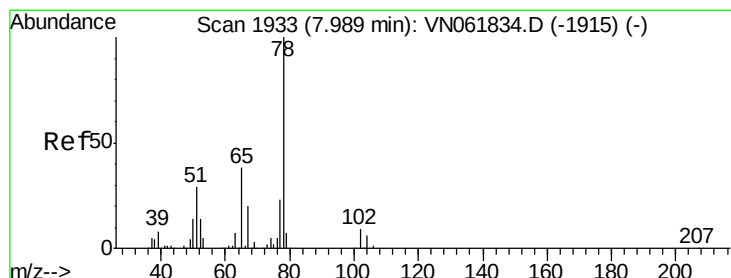
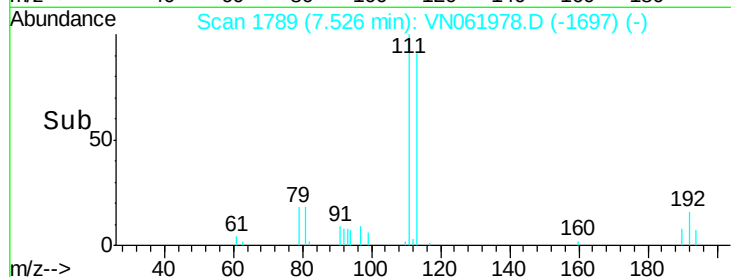
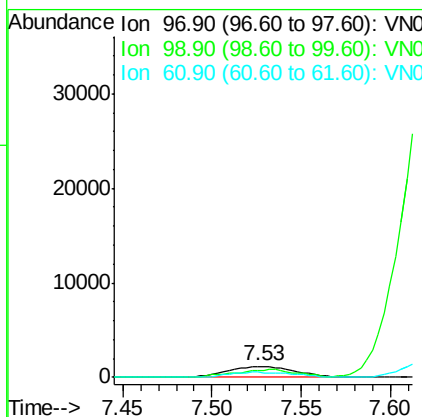
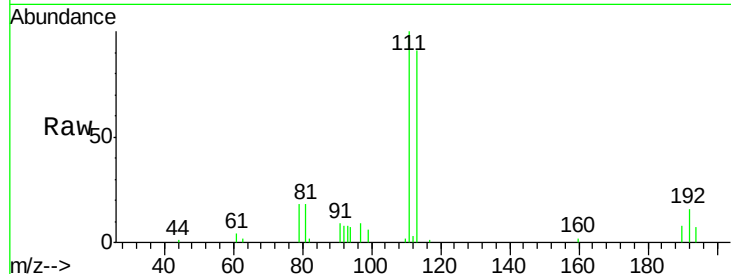
#32
 1,1,1-Trichloroethane
 Concen: 1.135 ug/l
 RT: 7.53 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VN061978.D
 Acq: 20 Jun 2020 5:39

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200614

Tot Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3#
61	44.1	35.1	52.7

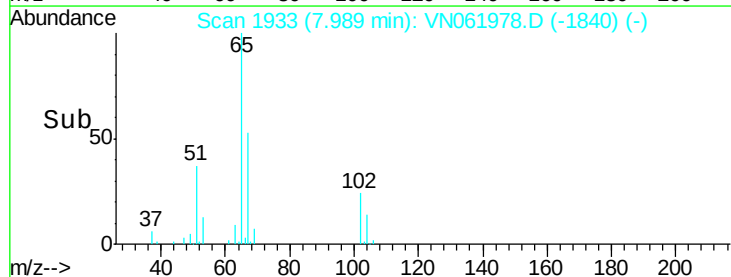
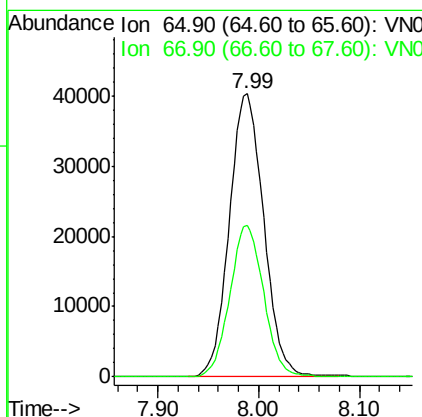
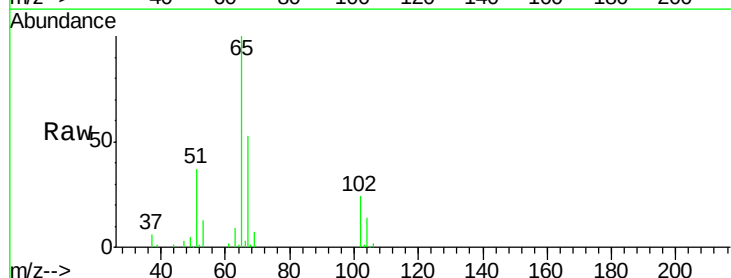
Manual Integrations
 APPROVED

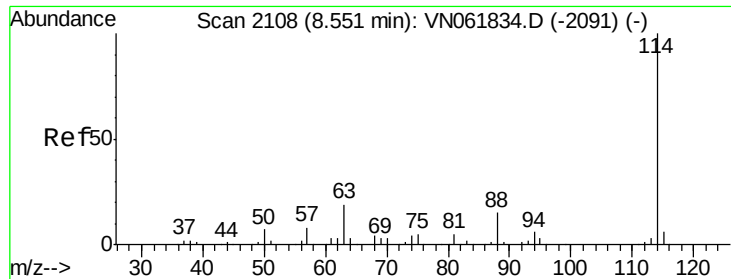
MMDadoda
 6/22/2020 10:30:19 AM



#33
 1,2-Dichloroethane-d4
 Concen: 49.516 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061978.D
 Acq: 20 Jun 2020 5:39

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061978.D

Acq: 20 Jun 2020 5:39

Instrument :

MSVOA_N

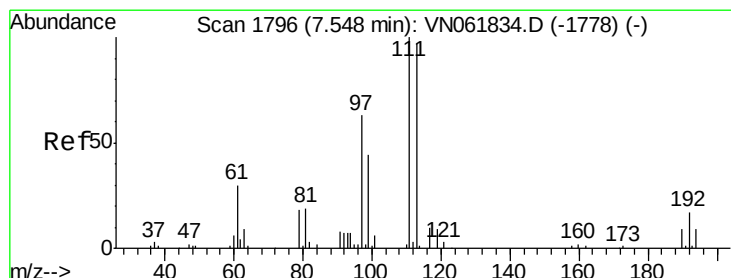
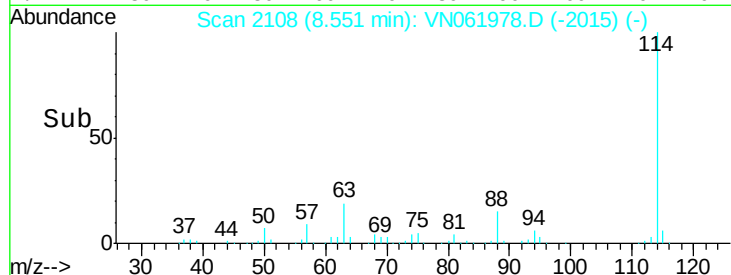
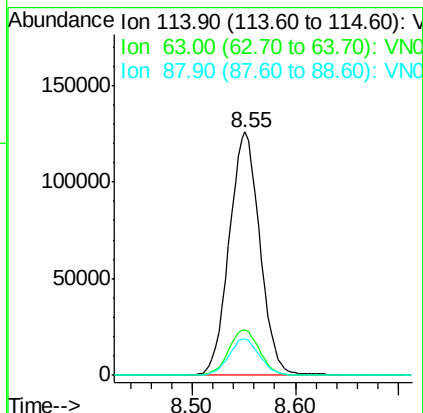
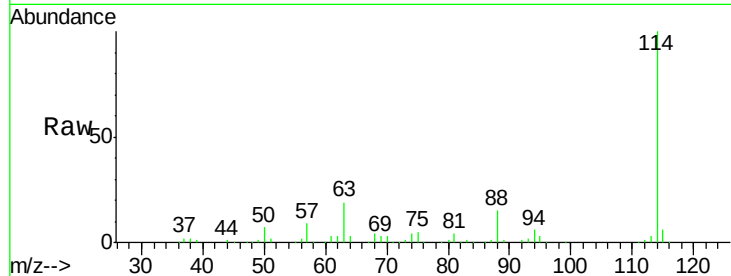
ClientSampleId :

MW203D-20200614

Tot Ion	Ratio	Resp	Lower	Upper
114	100	260801		
63	18.8	0.0	37.6	
88	14.9	0.0	31.0	

Manual Integrations
APPROVED

MMDadoda
6/22/2020 10:30:19 AM



#35

Dibromofluoromethane

Concen: 50.106 ug/l

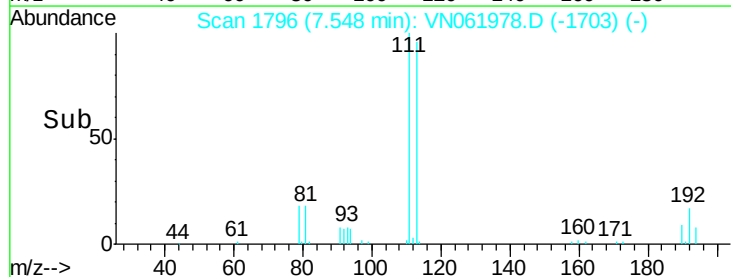
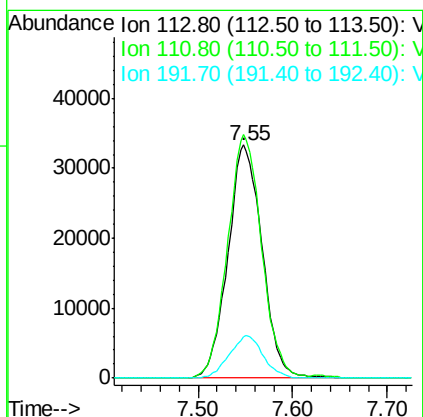
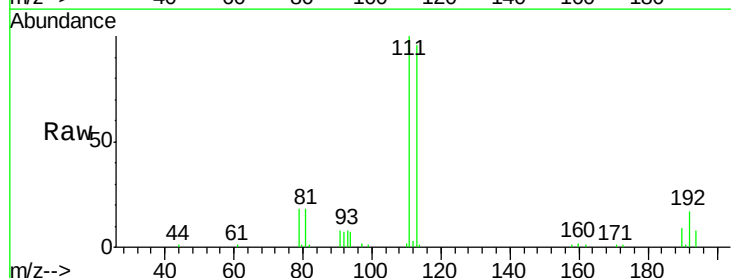
RT: 7.55 min Scan# 1796

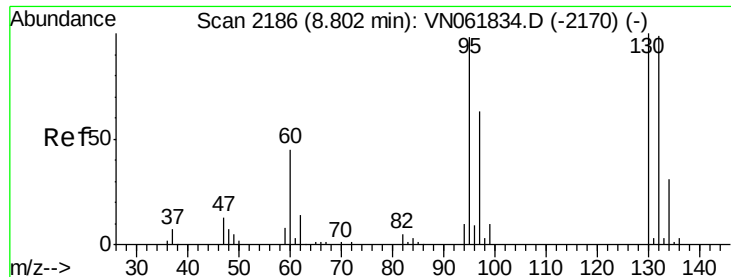
Delta R.T. -0.00 min

Lab File: VN061978.D

Acq: 20 Jun 2020 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	83601		
111	103.8	83.7	125.5	
192	17.9	13.9	20.9	





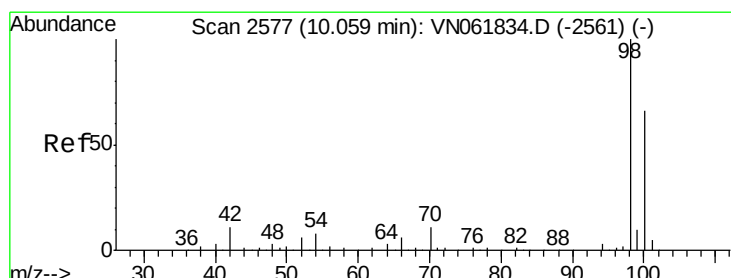
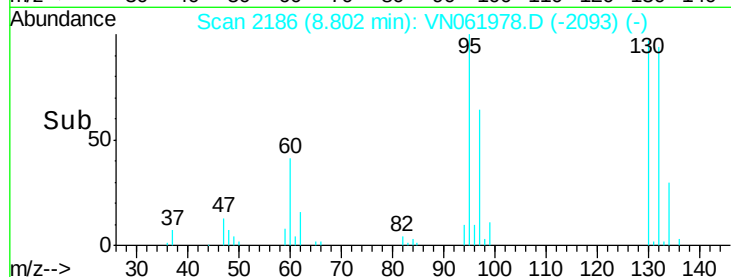
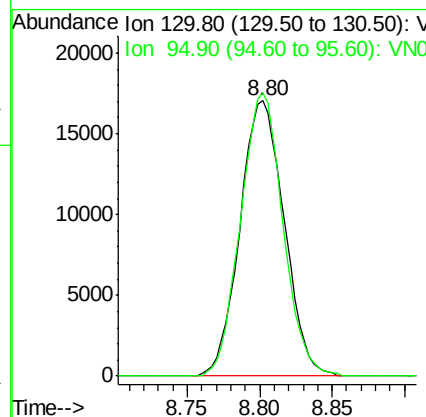
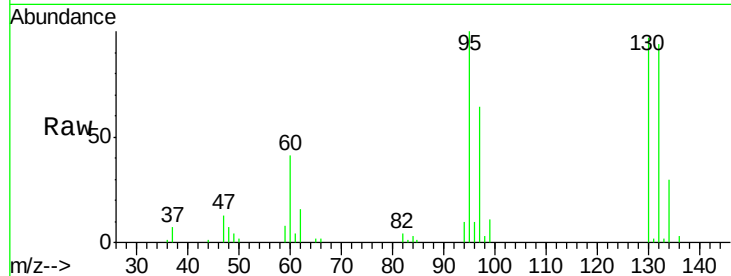
#44
 Trichloroethene
 Concen: 19.074 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN061978.D
 Acq: 20 Jun 2020 5:39

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200614

Tot Ion:130 Resp: 36173
 Ion Ratio Lower Upper
 130 100
 95 102.8 0.0 195.6

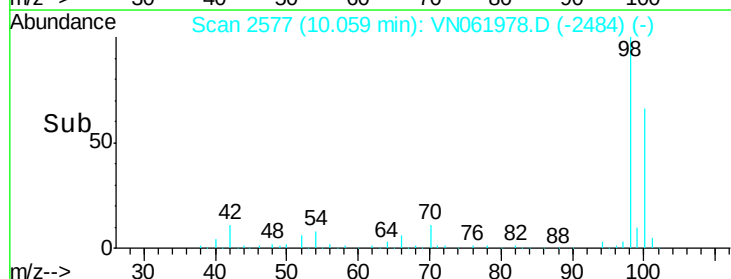
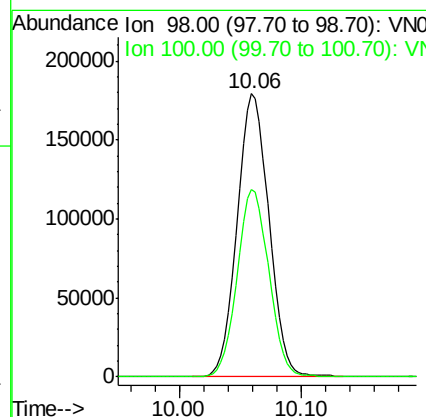
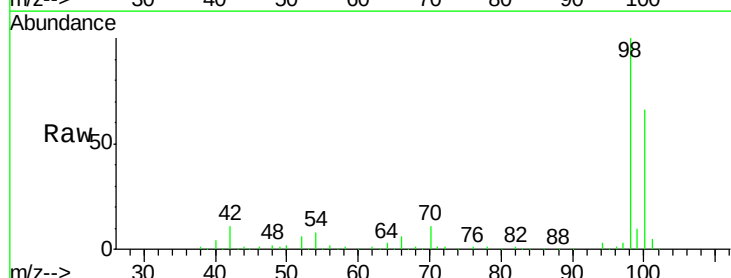
Manual Integrations
 APPROVED

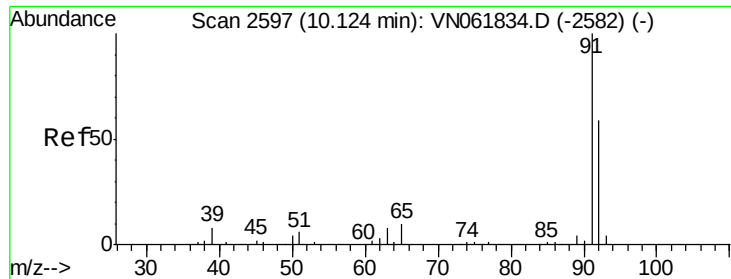
MMDadoda
 6/22/2020 10:30:19 AM



#50
 Toluene-d8
 Concen: 49.523 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN061978.D
 Acq: 20 Jun 2020 5:39

Tgt Ion: 98 Resp: 324844
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.7 79.1





#52

Toluene

Concen: 0.390 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061978.D

Acq: 20 Jun 2020 5:39

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20200614

Tot Ion: 92 Resp: 1764

Ion Ratio Lower Upper

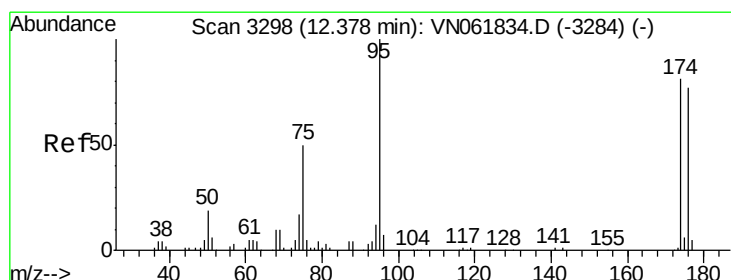
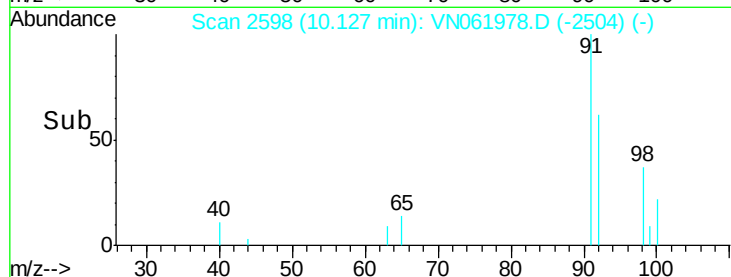
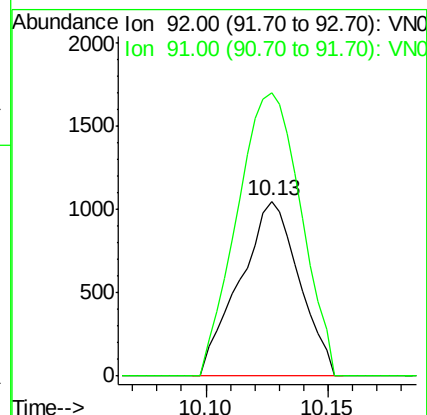
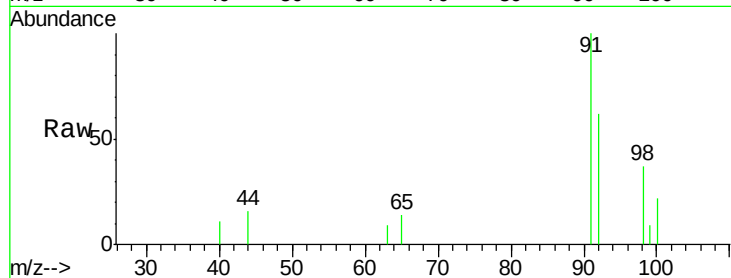
92 100

91 174.1 137.1 205.7

Manual Integrations
APPROVED

MMDadoda

6/22/2020 10:30:19 AM



#62

4-Bromofluorobenzene

Concen: 46.807 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061978.D

Acq: 20 Jun 2020 5:39

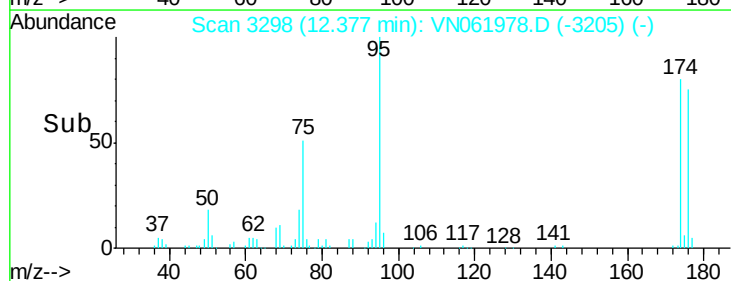
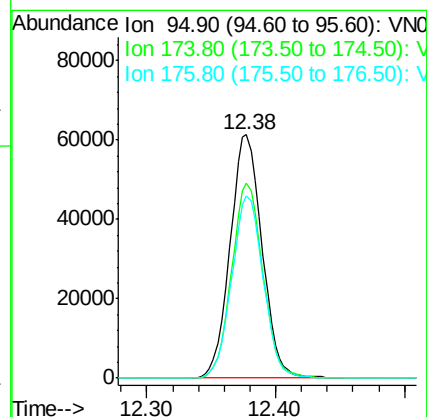
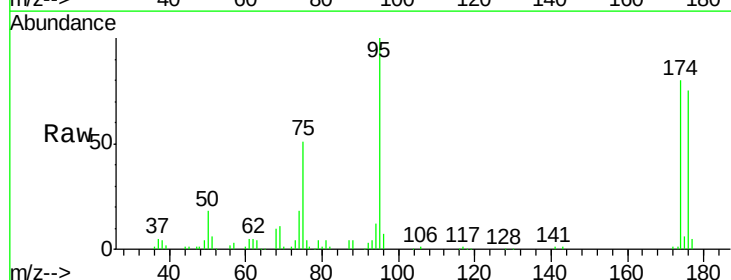
Tgt Ion: 95 Resp: 105314

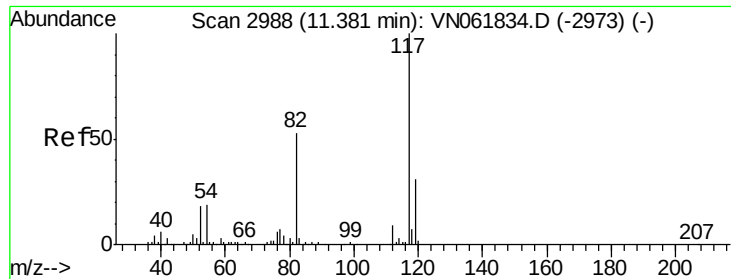
Ion Ratio Lower Upper

95 100

174 78.5 0.0 158.6

176 74.1 0.0 152.0





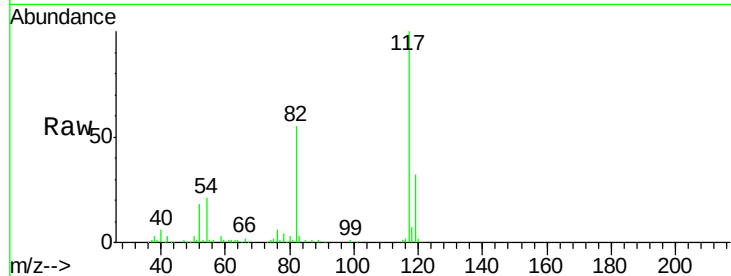
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061978.D
Acq: 20 Jun 2020 5:39

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20200614

Tot Ion	Ratio	Resp	Lower	Upper
117	100	251553		
82	54.7		42.6	64.0
119	32.1		24.7	37.1

Manual Integrations
APPROVED

MMDadoda
6/22/2020 10:30:19 AM

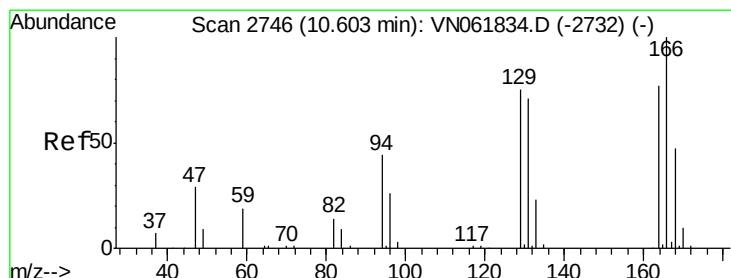
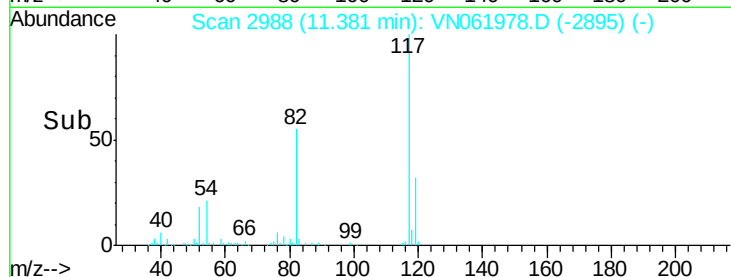
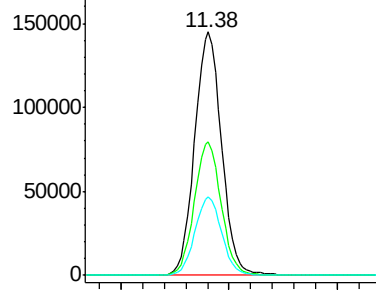


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 0.662 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN061978.D
Acq: 20 Jun 2020 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	1061		
166	145.0		103.5	155.3
129	111.4		77.5	116.3
131	105.8		73.8	110.8

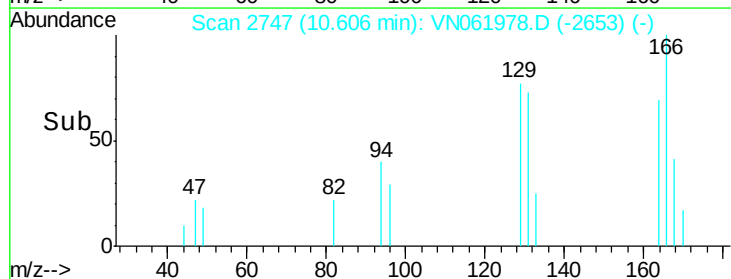
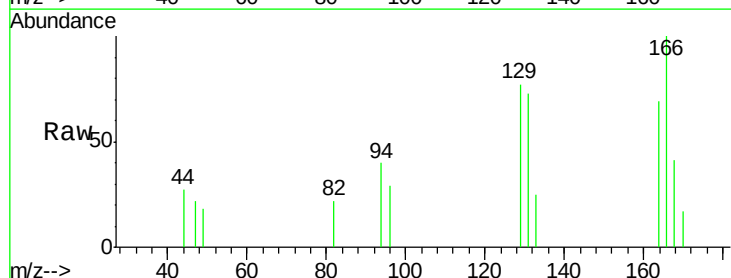
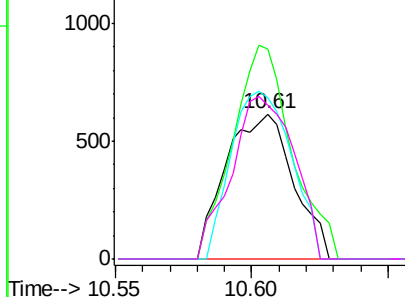
Abundance

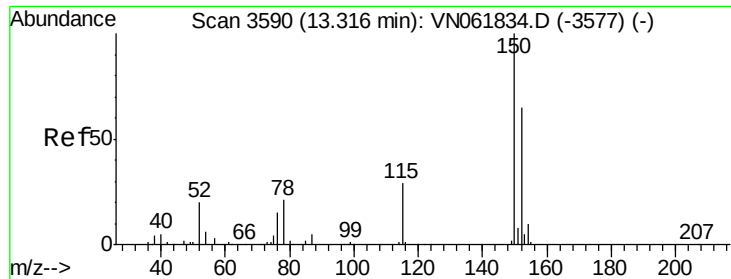
Ion 163.80 (163.50 to 164.50): V

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: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061978.D

Acq: 20 Jun 2020 5:39

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20200614

Tot Ion:152 Resp: 91702

Ion Ratio Lower Upper

152 100

115 59.2 29.1 87.3

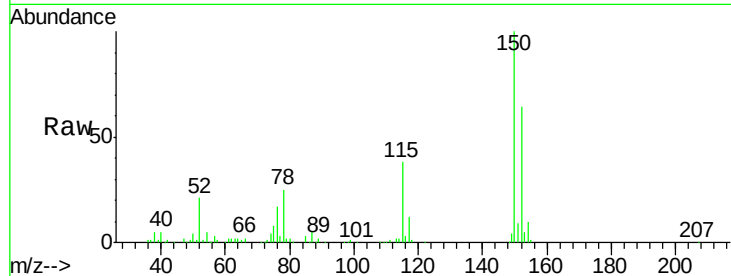
150 158.9 0.0 347.6

Manual Integrations

APPROVED

MMDadoda

6/22/2020 10:30:19 AM



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

