

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061981.D
 Acq On : 20 Jun 2020 6:52
 Operator : JC/MD
 Sample : L3043-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW202D1-20200613

Manual Integrations
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 6/22/2020 10:30:26 AM

Quant Time: Jun 23 12:05:38 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	143656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	260393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	248576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	91620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	96987	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
35) Dibromofluoromethane	7.55	113	85139	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
50) Toluene-d8	10.06	98	328644	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.38	95	105738	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
Target Compounds						
16) Acetone	3.78	43	2033m	3.572	ug/l	
19) Methyl tert-butyl Ether	5.00	73	26466	5.446	ug/l	99
22) Diisopropyl ether	5.90	45	6713	1.515	ug/l #	85
27) cis-1,2-Dichloroethene	6.78	96	58506	30.244	ug/l	90
30) Chloroform	7.33	83	4165	1.344	ug/l	95
44) Trichloroethene	8.80	130	32566	17.199	ug/l	100
64) Tetrachloroethene	10.60	164	31686	19.999	ug/l	100

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

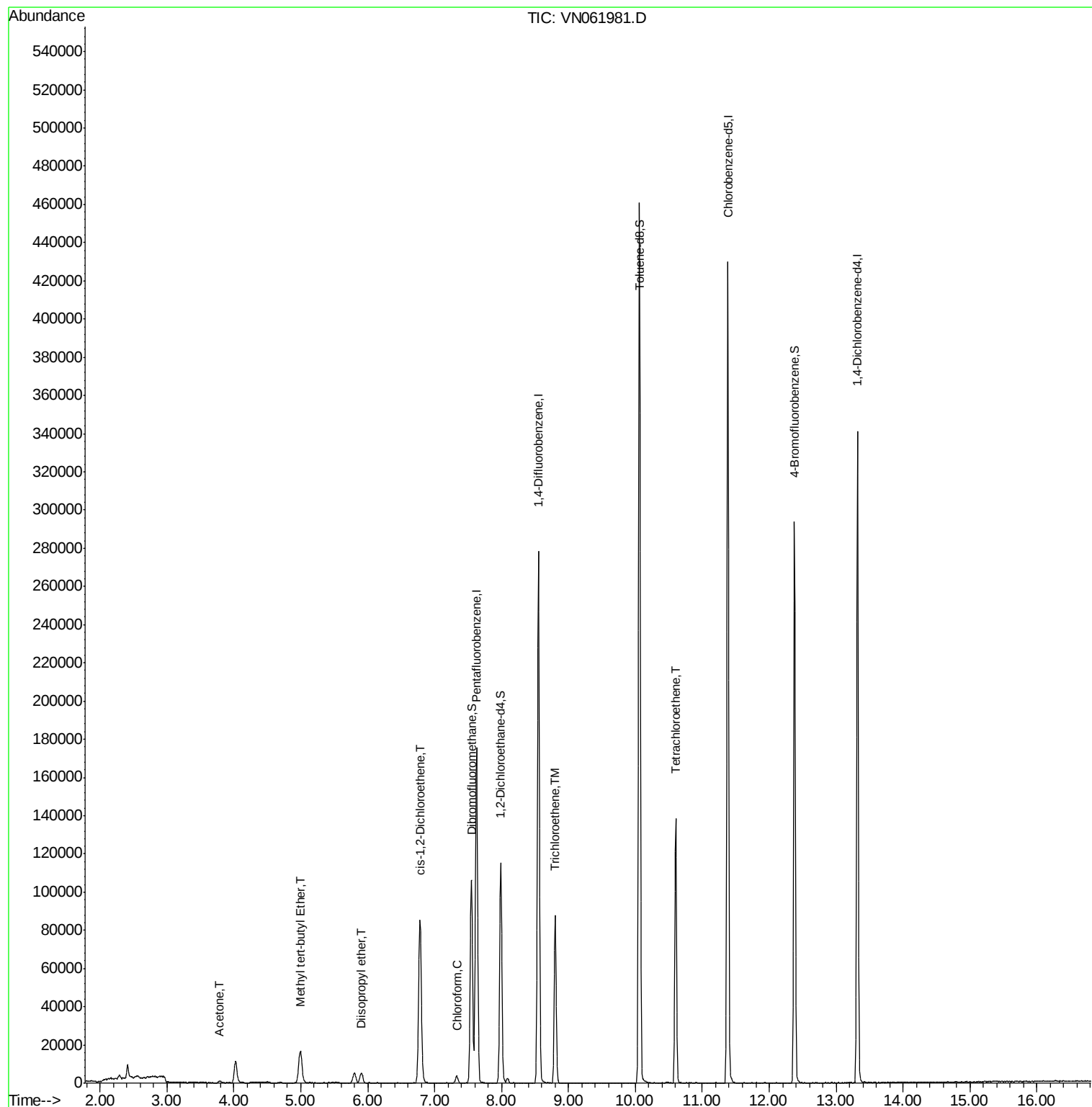
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061920\
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Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061981.D

Acq: 20 Jun 2020 6:52

Instrument :

MSVOA_N

ClientSampleId :

MW202D1-20200613

Tot Ion:168 Resp: 143656

Ion Ratio Lower Upper

168 100

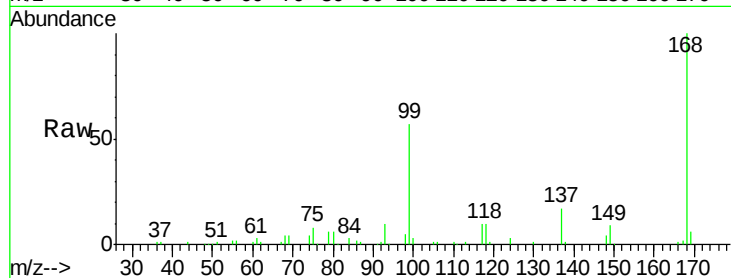
99 57.5 44.6 67.0

Manual Integrations

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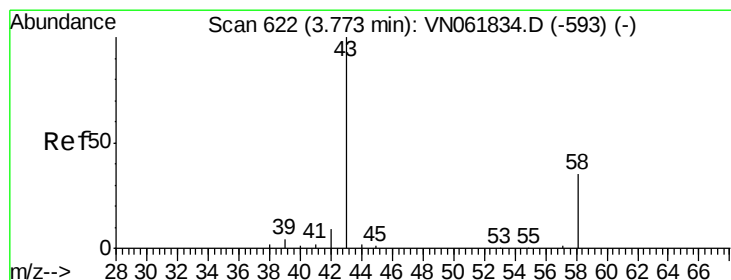
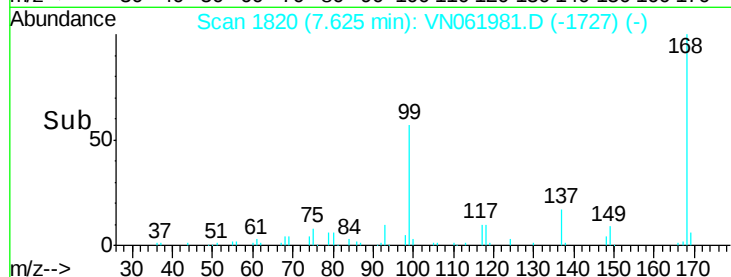
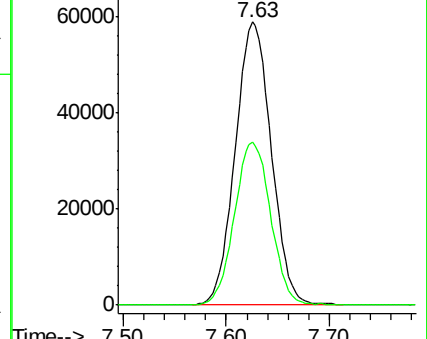
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 3.572 ug/l m

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061981.D

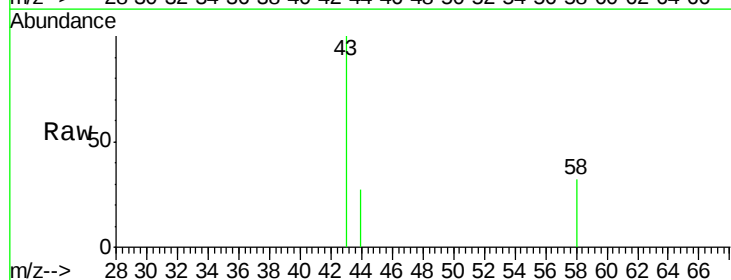
Acq: 20 Jun 2020 6:52

Tgt Ion: 43 Resp: 2033

Ion Ratio Lower Upper

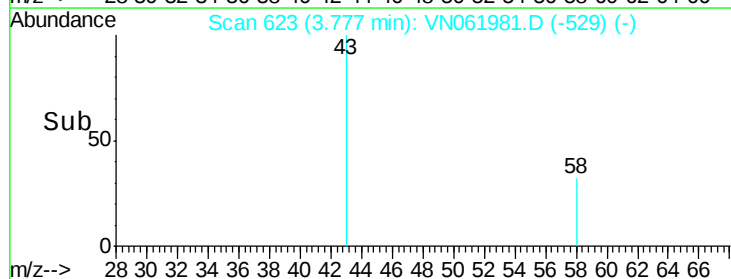
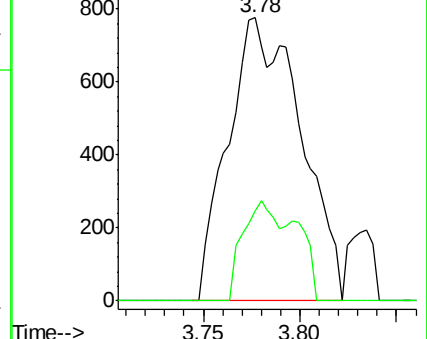
43 100

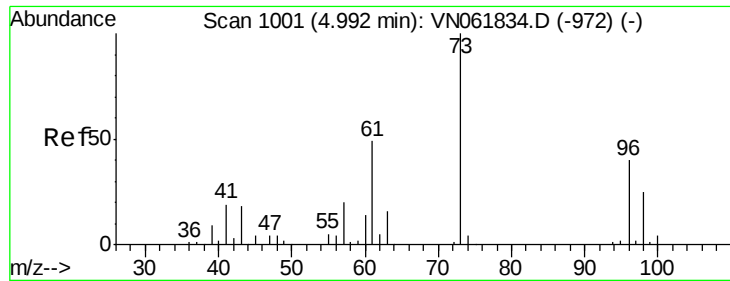
58 32.0 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





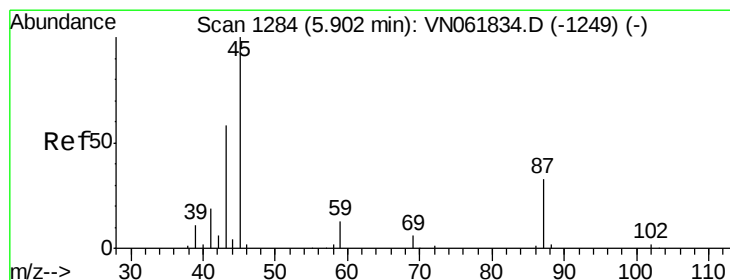
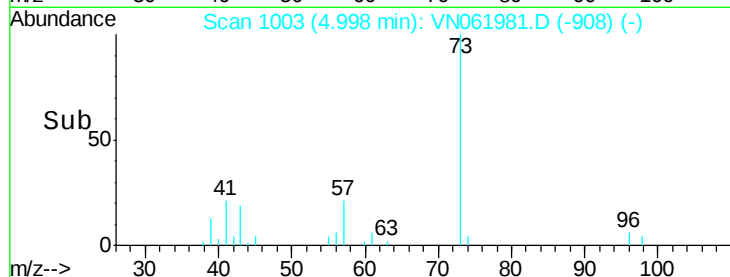
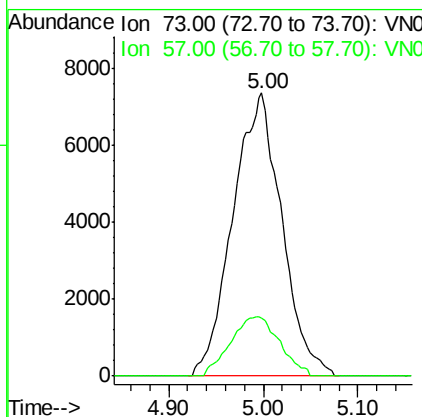
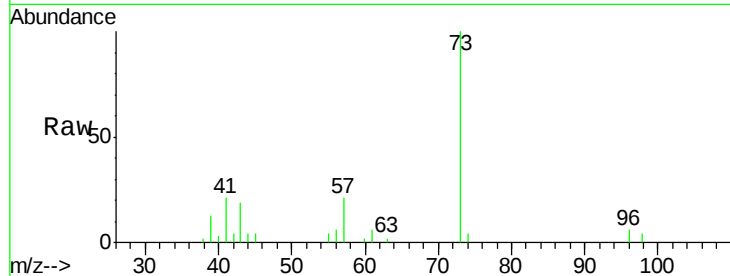
#19
Methvl tert-butvl Ether
Concen: 5.446 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. 0.01 min
Lab File: VN061981.D
Acq: 20 Jun 2020 6:52

Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20200613

Tot Ion: 73 Resp: 26466
Ion Ratio Lower Upper
73 100
57 20.6 16.2 24.4

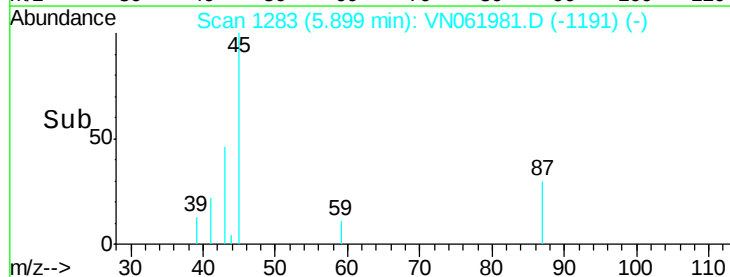
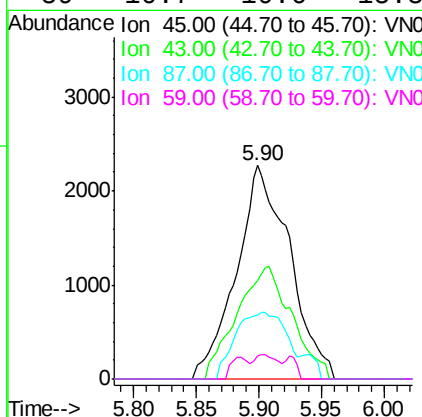
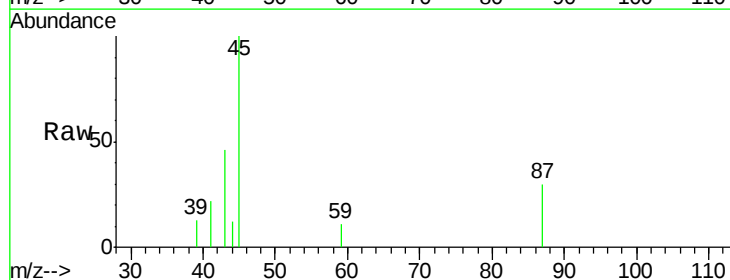
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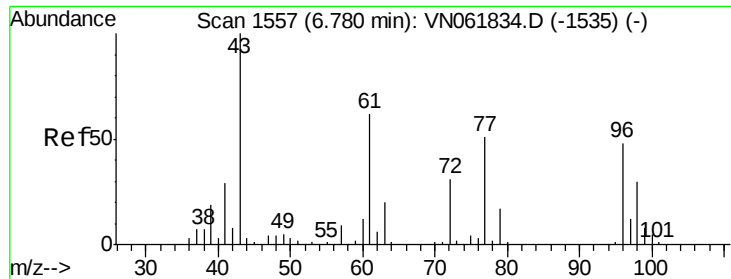
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#22
Diisopropyl ether
Concen: 1.515 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN061981.D
Acq: 20 Jun 2020 6:52

Tgt Ion: 45 Resp: 6713
Ion Ratio Lower Upper
45 100
43 46.0 49.4 74.2#
87 30.1 27.4 41.0
59 10.7 10.6 15.8





#27

cis-1,2-Dichloroethene

Concen: 30.244 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061981.D

Acq: 20 Jun 2020 6:52

Instrument :

MSVOA_N

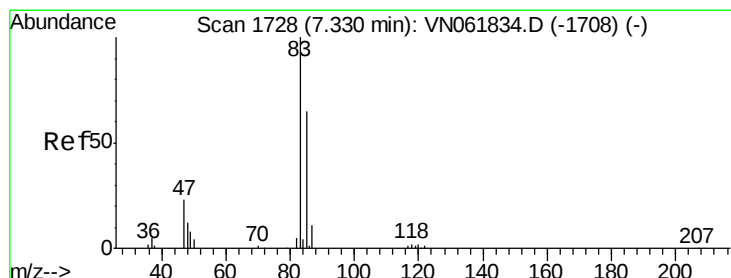
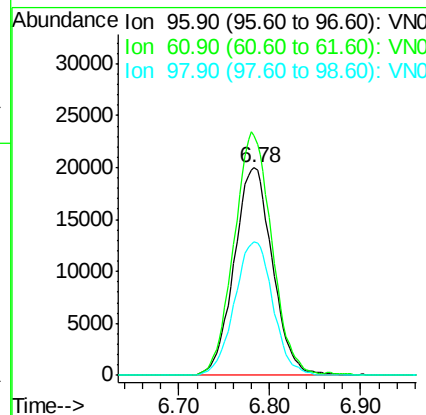
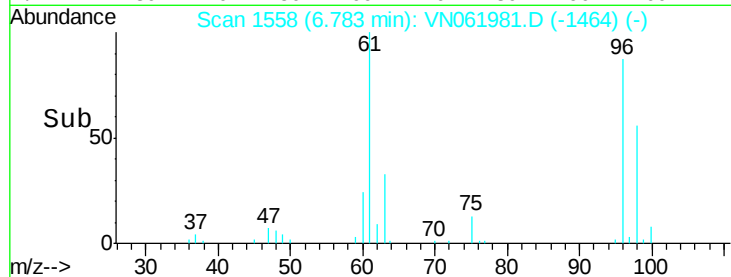
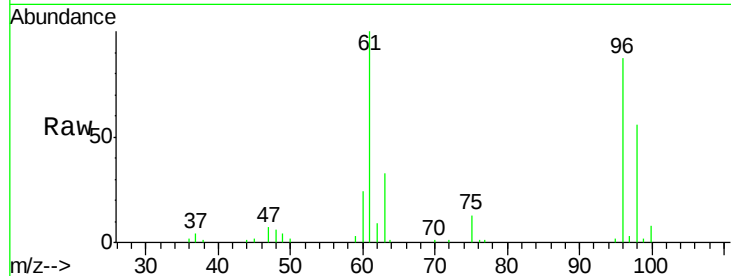
ClientSampleId :

MW202D1-20200613

Tot Ion:	96	Resp:	58506
Ion Ratio	Lower	Upper	
96	100		
61	115.6	0.0	265.6
98	64.1	0.0	128.2

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#30

Chloroform

Concen: 1.344 ug/l

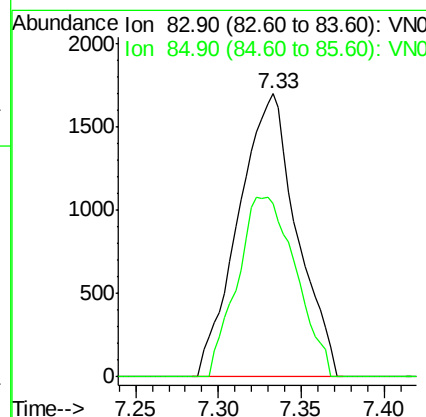
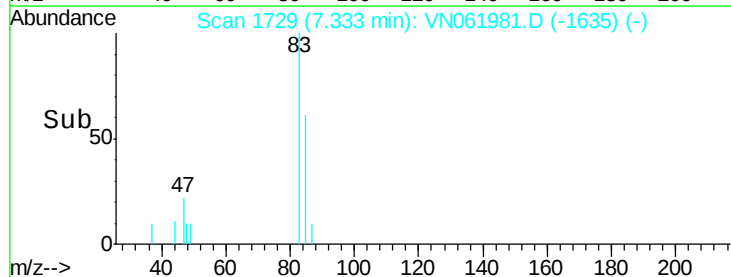
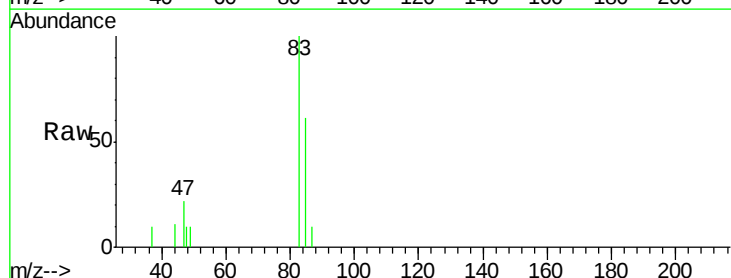
RT: 7.33 min Scan# 1729

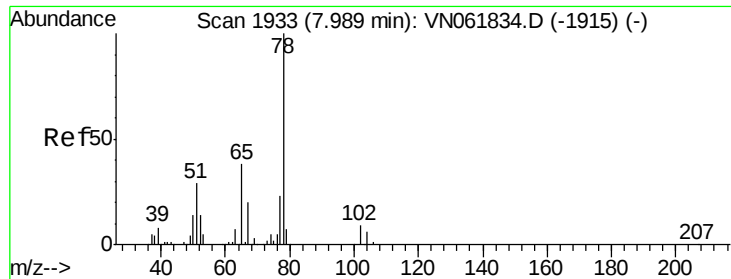
Delta R.T. 0.00 min

Lab File: VN061981.D

Acq: 20 Jun 2020 6:52

Tgt Ion:	83	Resp:	4165
Ion Ratio	Lower	Upper	
83	100		
85	61.0	52.0	78.0





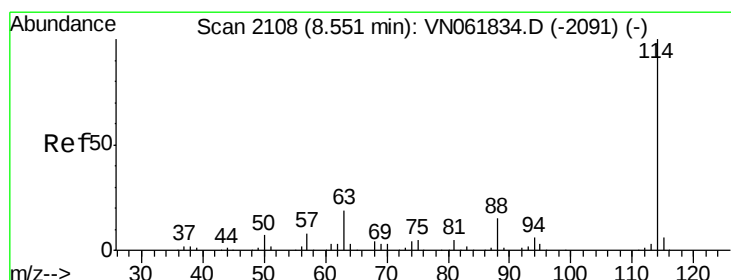
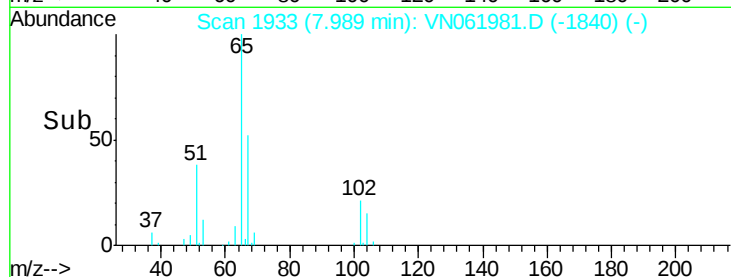
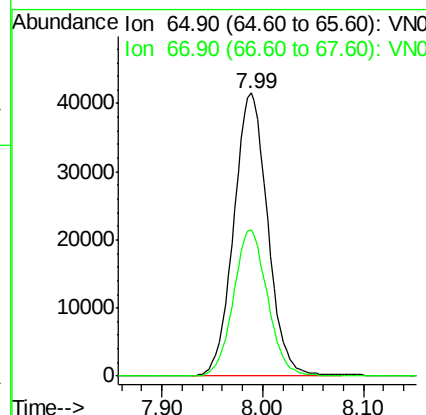
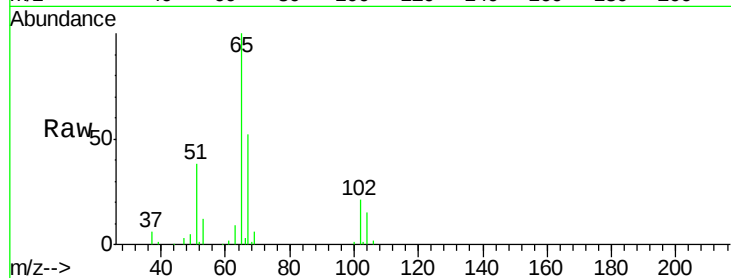
#33
 1,2-Dichloroethane-d4
 Concen: 50.340 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061981.D
 Acq: 20 Jun 2020 6:52

Instrument :
 MSVOA_N
 ClientSampleId :
 MW202D1-20200613

Tot Ion	Ratio	Resp	Lower	Upper
65	100	96987		
67	51.8	0.0	106.2	

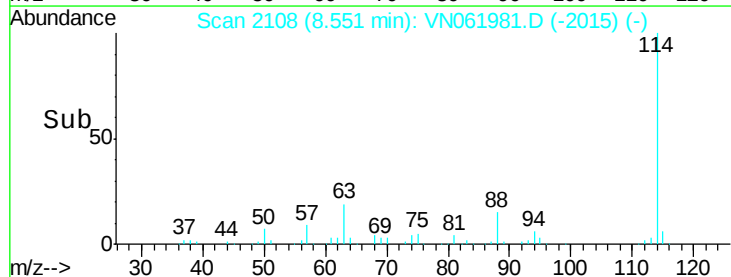
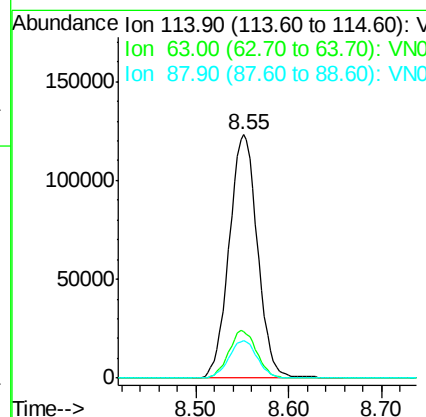
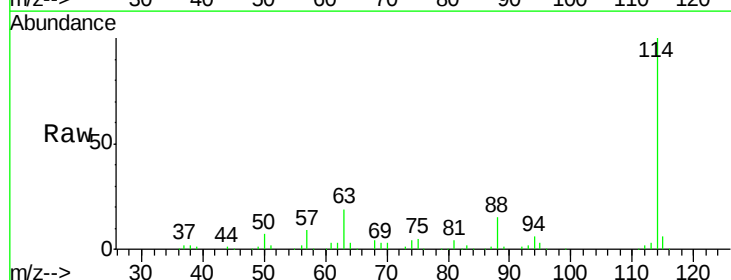
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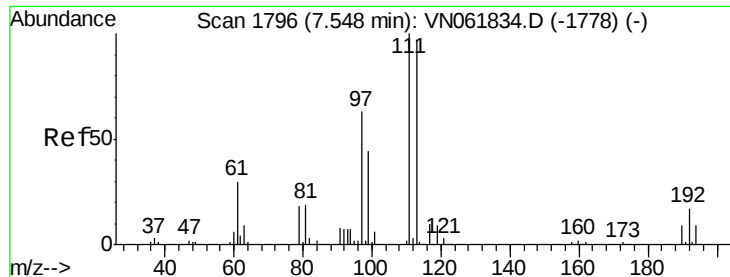
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061981.D
 Acq: 20 Jun 2020 6:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	260393		
63	19.1	0.0	37.6	
88	15.2	0.0	31.0	





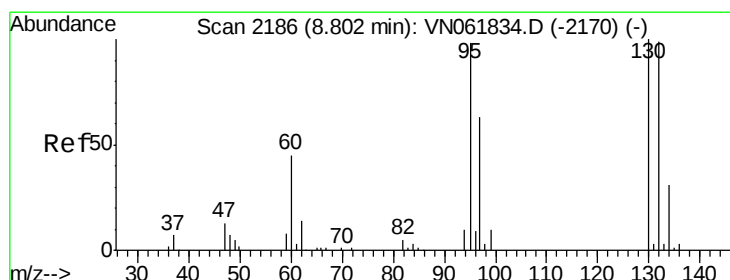
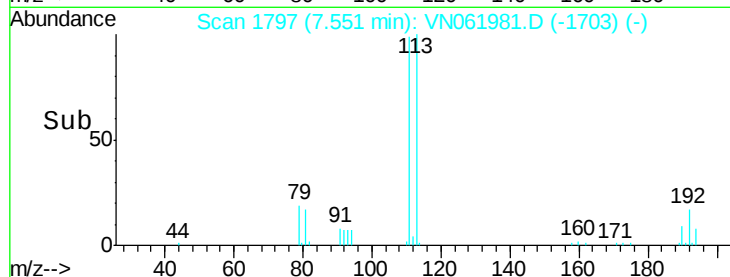
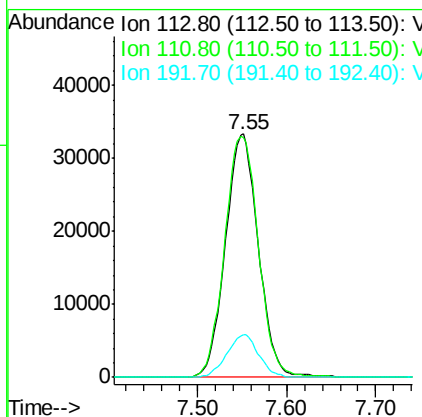
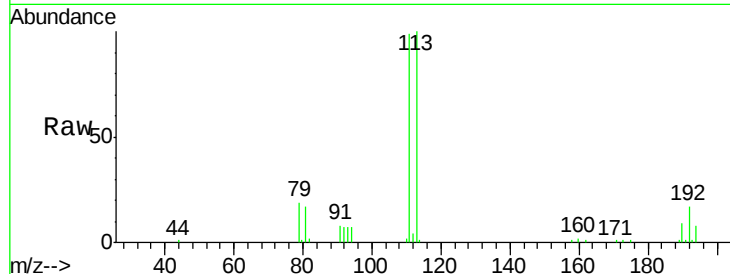
#35
Dibromofluoromethane
Concen: 51.108 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN061981.D
Acq: 20 Jun 2020 6:52

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
113	100	85139		
111	101.6		83.7	125.5
192	16.9		13.9	20.9

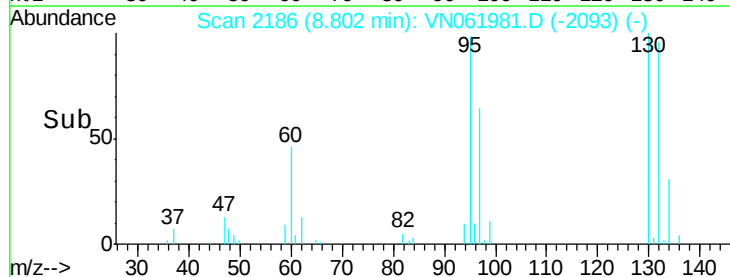
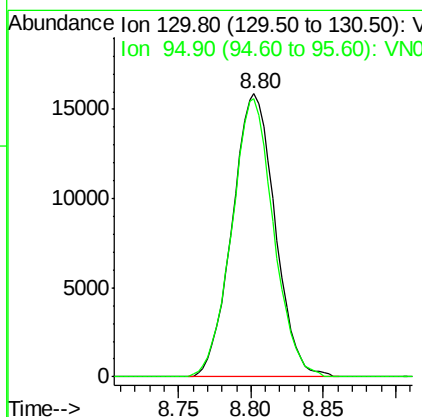
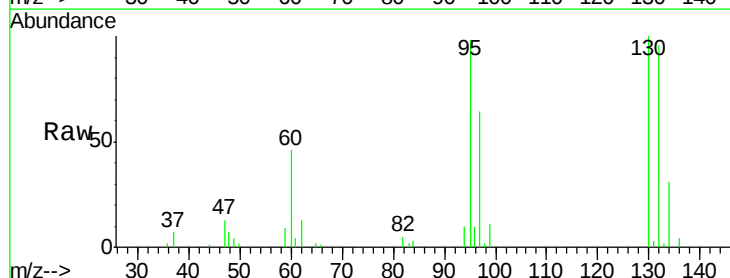
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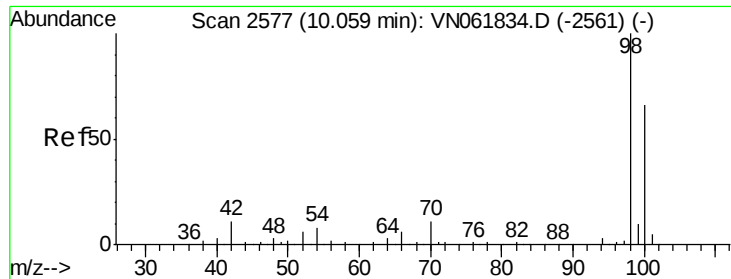
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#44
Trichloroethene
Concen: 17.199 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN061981.D
Acq: 20 Jun 2020 6:52

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	32566		
95	98.2		0.0	195.6





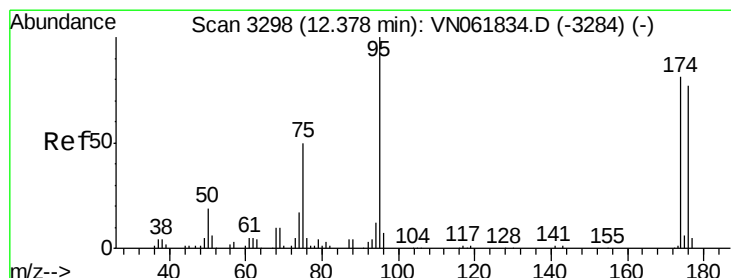
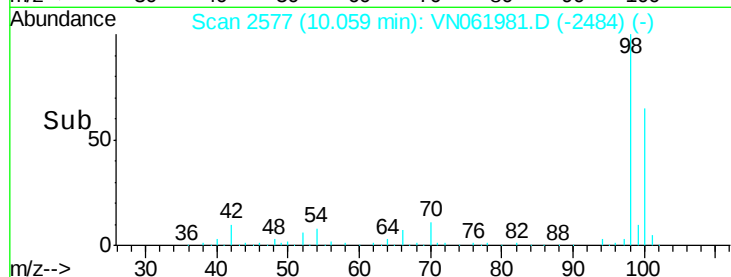
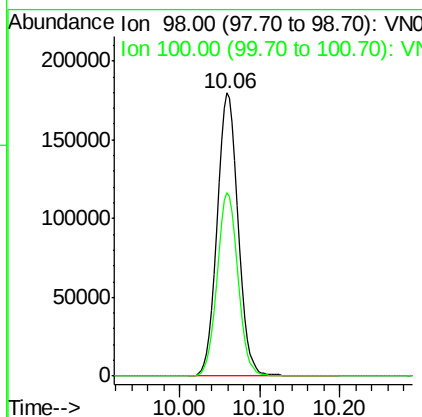
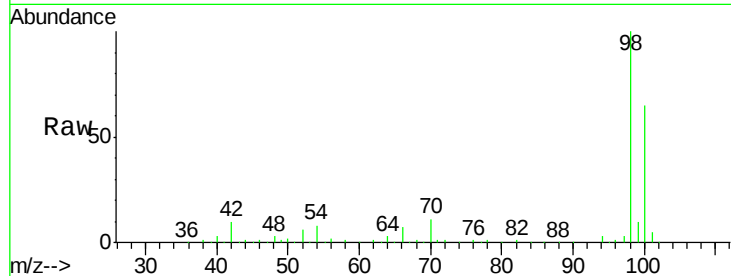
#50
Toluene-d8
Concen: 50.181 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061981.D
Acq: 20 Jun 2020 6:52

Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20200613

Tot Ion: 98 Resp: 328644
Ion Ratio Lower Upper
98 100
100 64.2 52.7 79.1

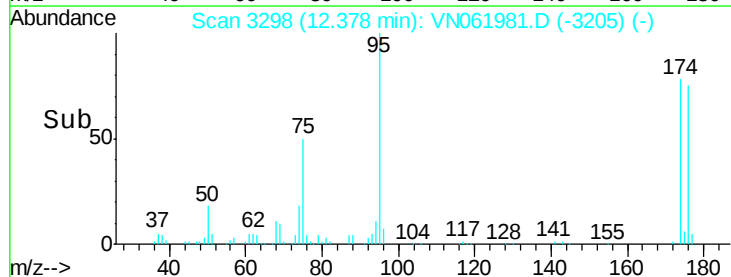
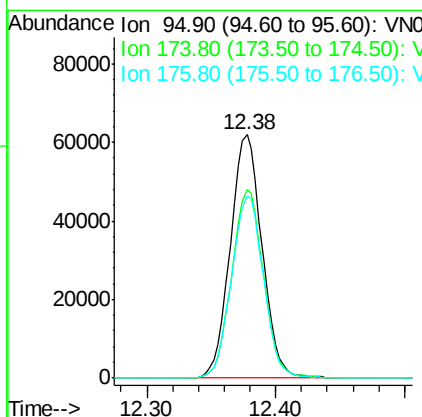
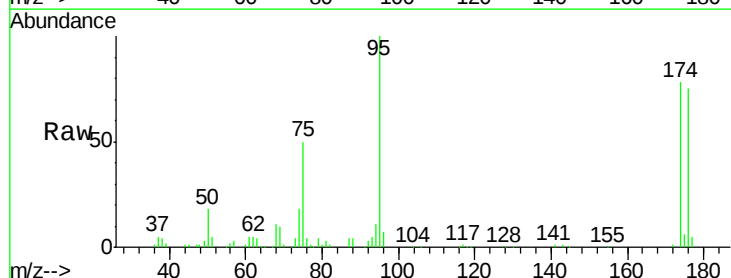
Manual Integrations
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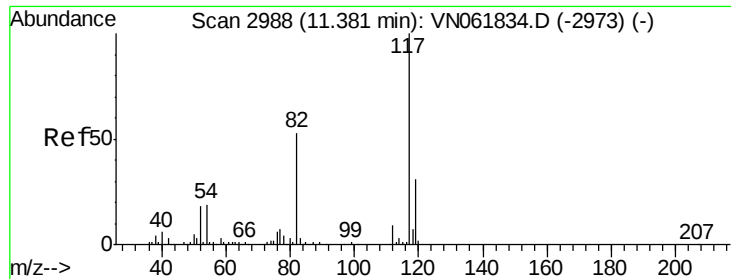
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#62
4-Bromofluorobenzene
Concen: 47.069 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061981.D
Acq: 20 Jun 2020 6:52

Tgt Ion: 95 Resp: 105738
Ion Ratio Lower Upper
95 100
174 78.0 0.0 158.6
176 75.8 0.0 152.0





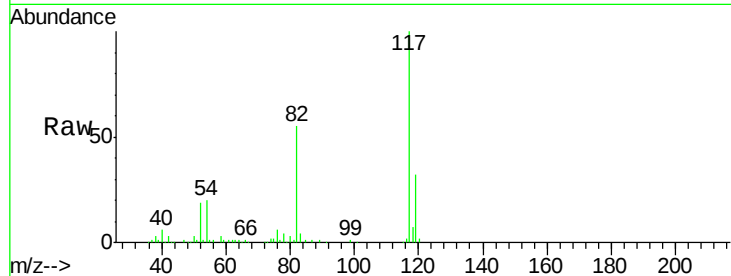
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061981.D
Acq: 20 Jun 2020 6:52

Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20200613

Tot Ion	Ratio	Resp	Lower	Upper
117	100	248576		
82	54.8		42.6	64.0
119	32.0		24.7	37.1

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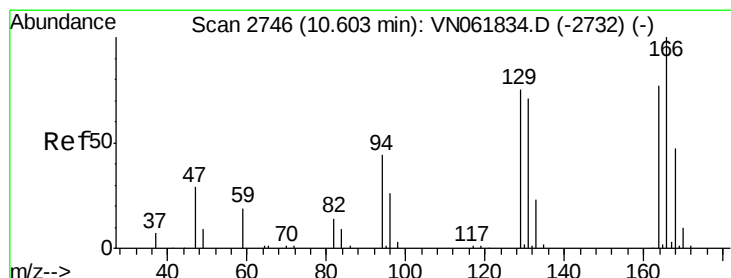
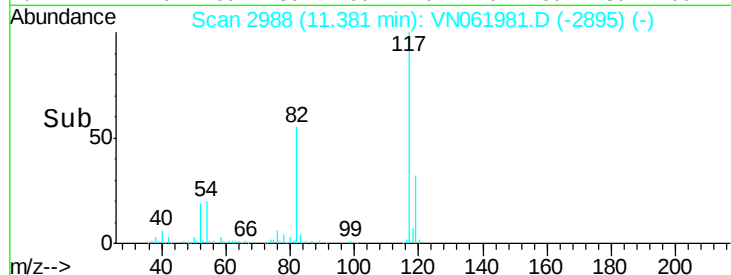
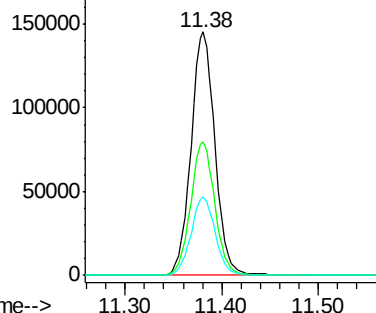


Abundance

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: 19.999 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061981.D
Acq: 20 Jun 2020 6:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	31686		
166	129.9		103.5	155.3
129	97.5		77.5	116.3
131	91.8		73.8	110.8

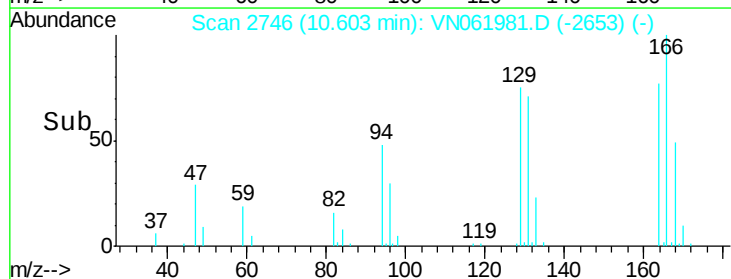
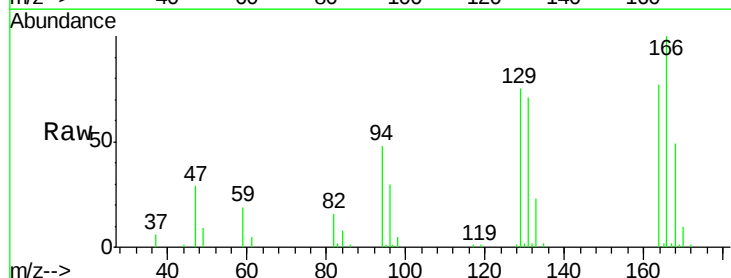
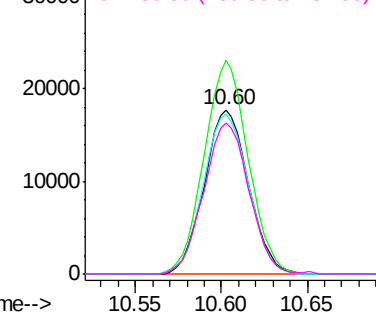
Abundance

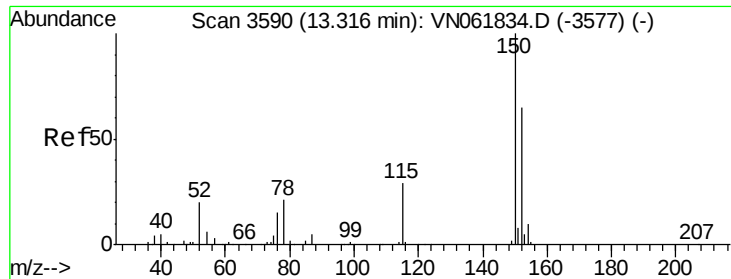
Ion 163.80 (163.50 to 164.50): V

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: VN061981.D

Acq: 20 Jun 2020 6:52

Instrument :

MSVOA_N

ClientSampleId :

MW202D1-20200613

Tot Ion:152 Resp: 91620

Ion Ratio Lower Upper

152 100

115 59.2 29.1 87.3

150 158.5 0.0 347.6

Manual Integrations

APPROVED

MMDadoda

6/22/2020 10:30:26 AM

