

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
 Data File : VN061799.D
 Acq On : 12 Jun 2020 18:20
 Operator : JC/MD
 Sample : L2989-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REDUP01-20200608

Manual Integrations
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 6/15/2020 11:08:38 AM

Quant Time: Jun 13 06:57:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	270156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	460480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	463730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201882	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	154840	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
35) Dibromofluoromethane	7.55	113	132896	56.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.78%	
50) Toluene-d8	10.06	98	563382	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.38	95	189824	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50567	19.570	ug/l	96
12) 1,1-Dichloroethene	3.69	96	12072	4.373	ug/l	84
27) cis-1,2-Dichloroethene	6.79	96	7760m	2.201	ug/l	
30) Chloroform	7.33	83	8439	1.512	ug/l	93
32) 1,1,1-Trichloroethane	7.54	97	1625	0.320	ug/l #	33
38) Carbon Tetrachloride	7.74	117	5254	1.336	ug/l	98
44) Trichloroethene	8.80	130	3221558	833.429	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	2159	0.660	ug/l	91
64) Tetrachloroethene	10.60	164	4858	1.113	ug/l	94

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

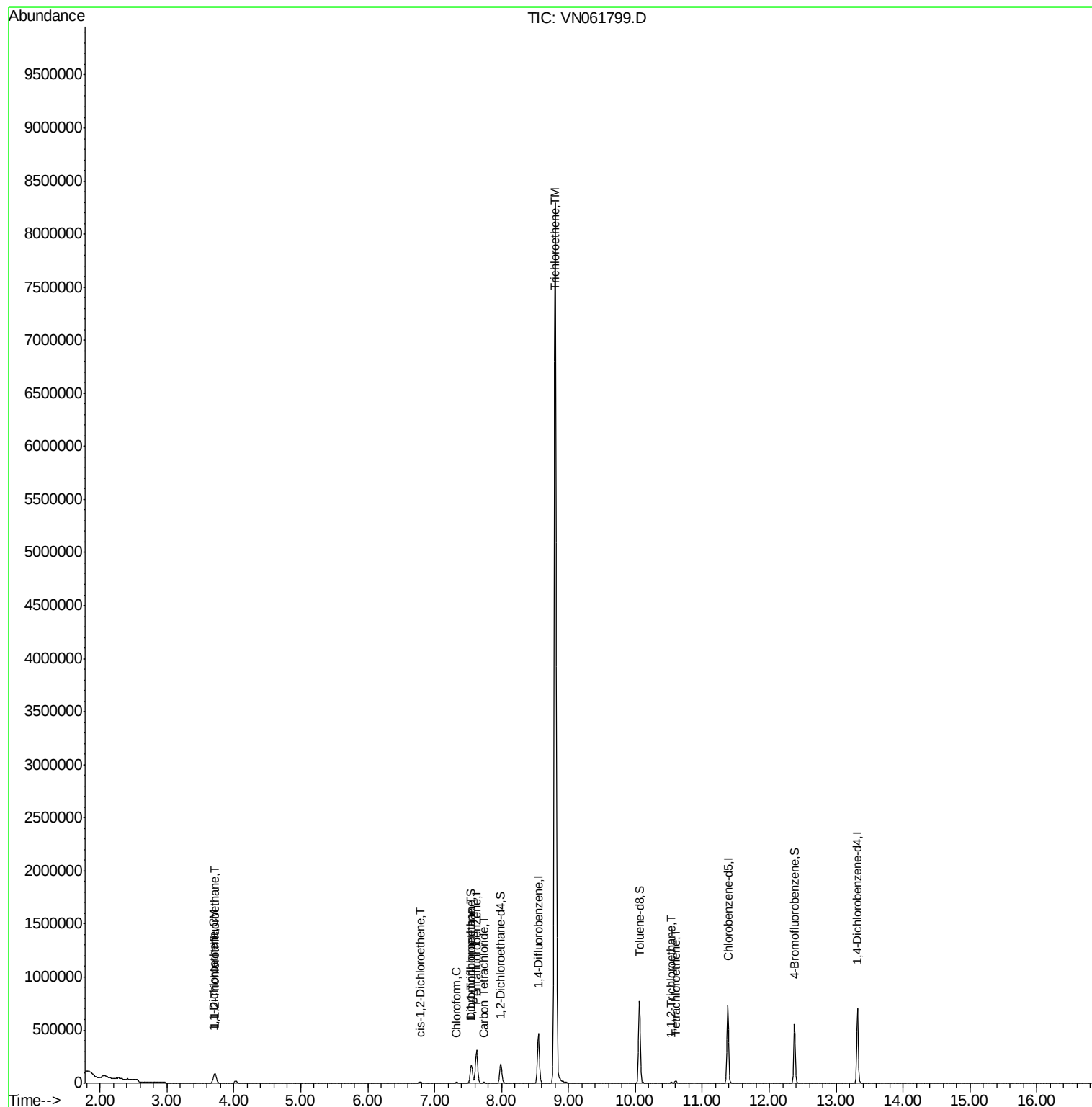
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Data File : VN061799.D
Acq On : 12 Jun 2020 18:20
Operator : JC/MD
Sample : L2989-11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
REDUP01-20200608

Manual Integrations
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Quant Time: Jun 13 06:57:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 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: VN061799.D

Acq: 12 Jun 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

REDUP01-20200608

Tot Ion:168 Resp: 270156

Ion Ratio Lower Upper

168 100

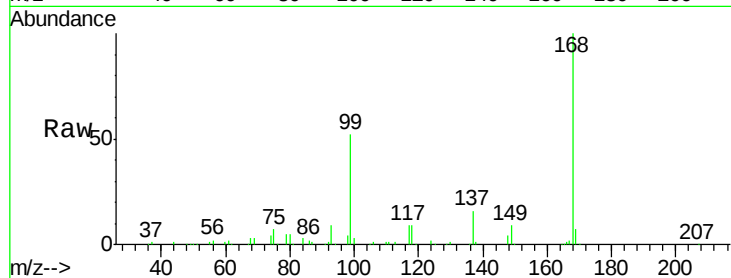
99 52.2 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

120000

100000

80000

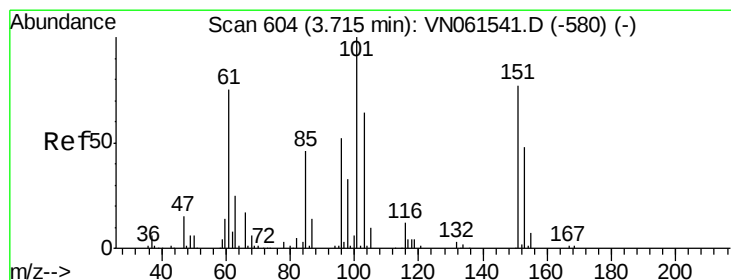
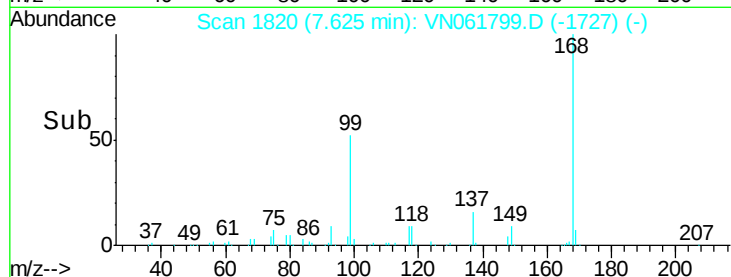
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.570 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061799.D

Acq: 12 Jun 2020 18:20

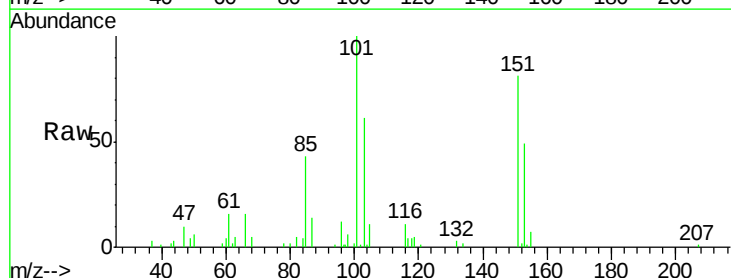
Tgt Ion:101 Resp: 50567

Ion Ratio Lower Upper

101 100

85 41.6 35.2 52.8

151 80.2 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

3.72

20000

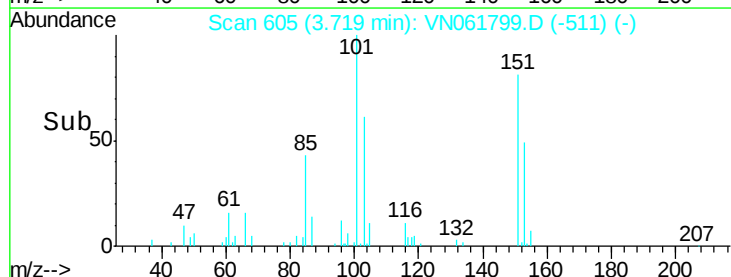
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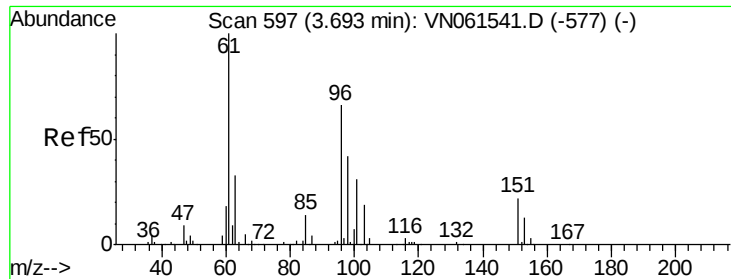
10000

5000

0

Time--> 3.60 3.65 3.70 3.75 3.80





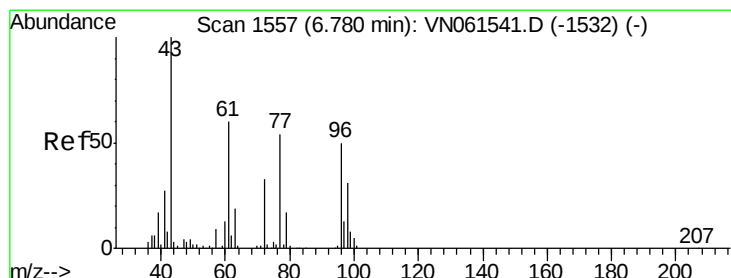
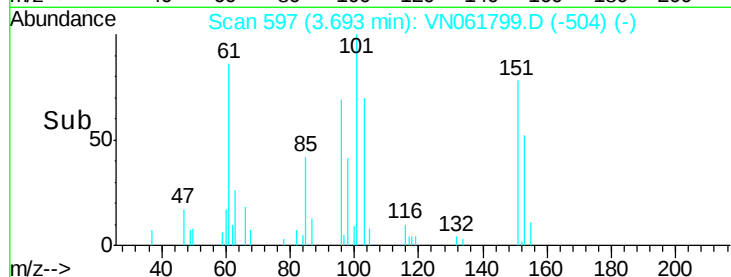
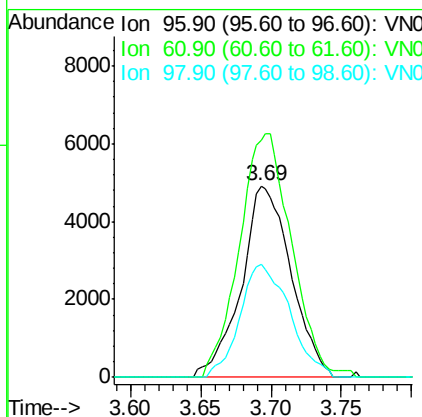
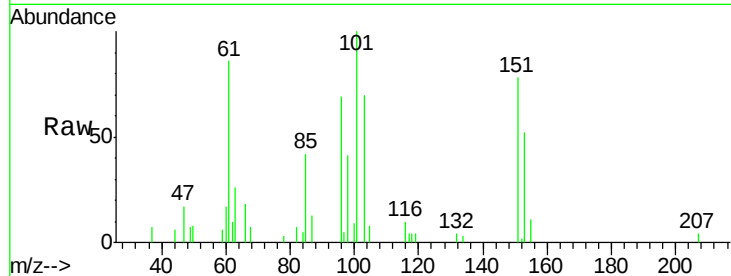
#12
1,1-Dichloroethene
Concen: 4.373 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061799.D
Acq: 12 Jun 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
REDUP01-20200608

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.1	120.5	180.7
98	58.9	50.8	76.2

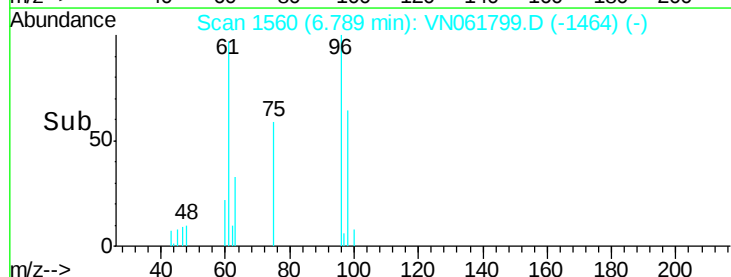
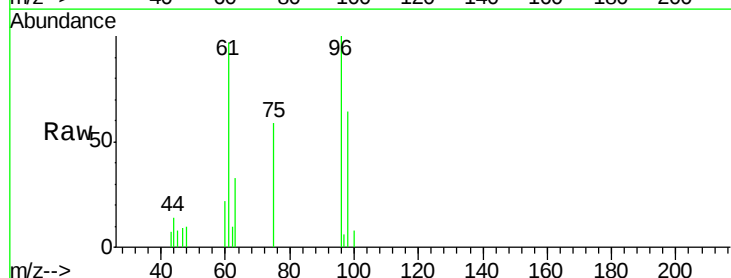
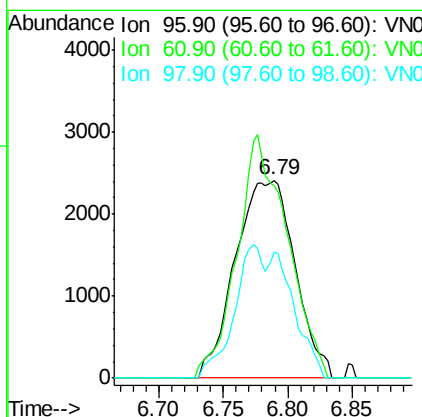
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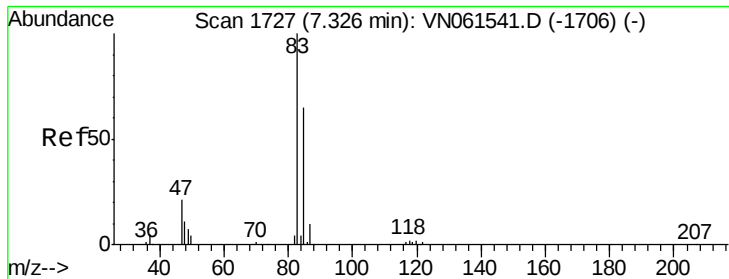
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#27
cis-1,2-Dichloroethene
Concen: 2.201 ug/l m
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN061799.D
Acq: 12 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	103.5	0.0	252.2
98	34.1	0.0	129.2





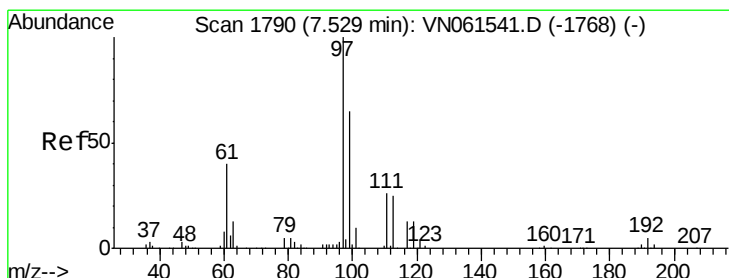
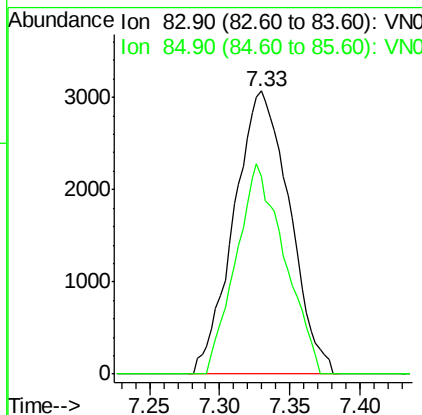
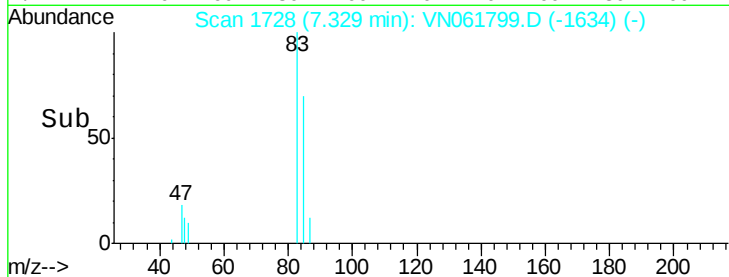
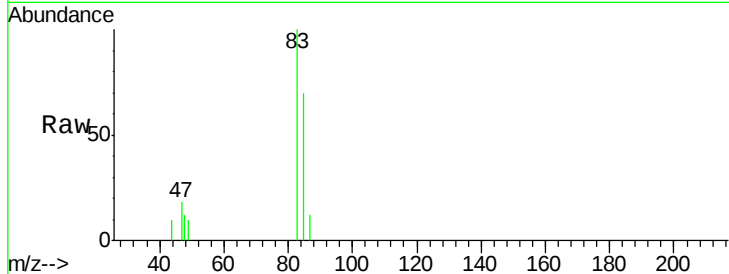
#30
Chloroform
Concen: 1.512 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061799.D
Acq: 12 Jun 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
REDUP01-20200608

Tot Ion: 83 Resp: 8439
Ion Ratio Lower Upper
83 100
85 69.7 51.7 77.5

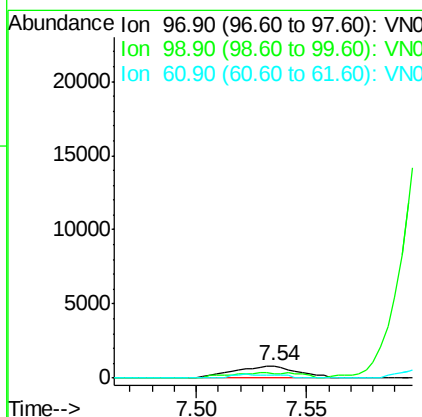
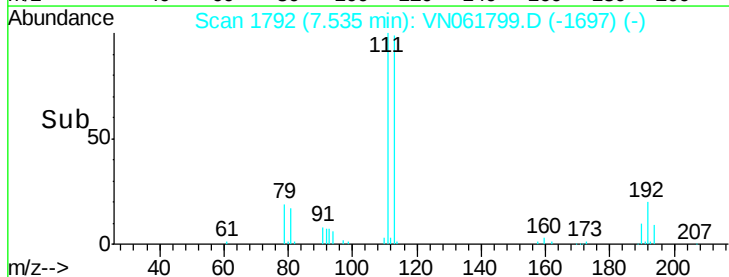
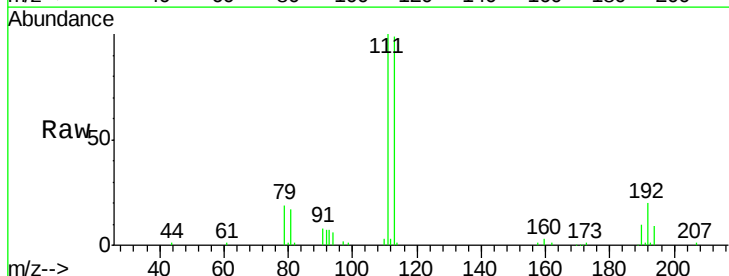
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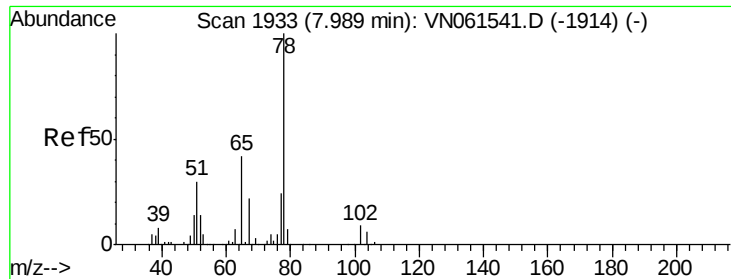
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#32
1,1,1-Trichloroethane
Concen: 0.320 ug/l
RT: 7.54 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VN061799.D
Acq: 12 Jun 2020 18:20

Tgt Ion: 97 Resp: 1625
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 12.7 31.4 47.0#





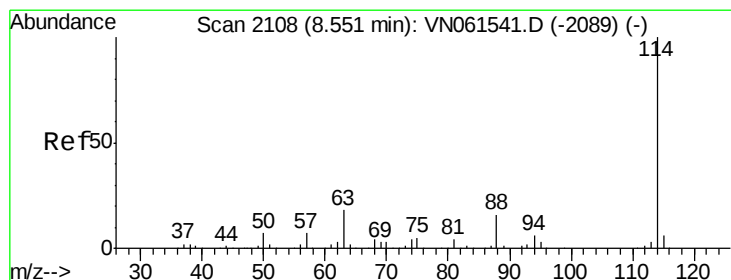
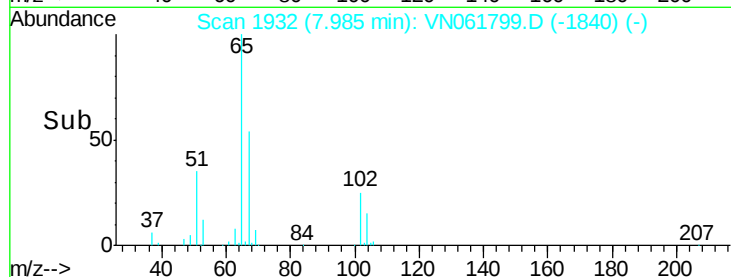
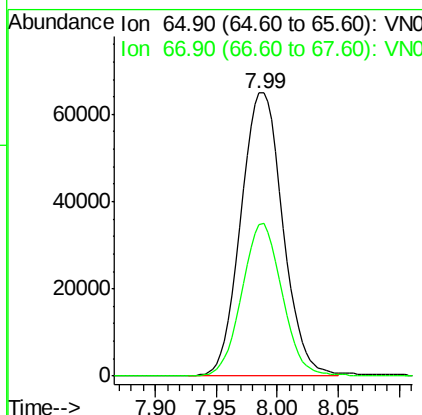
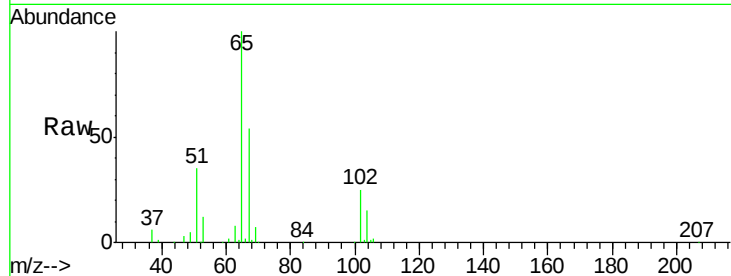
#33
 1,2-Dichloroethane-d4
 Concen: 48.106 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061799.D
 Acq: 12 Jun 2020 18:20

Instrument :
 MSVOA_N
 ClientSampleId :
 REDUP01-20200608

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.6	0.0	104.8	

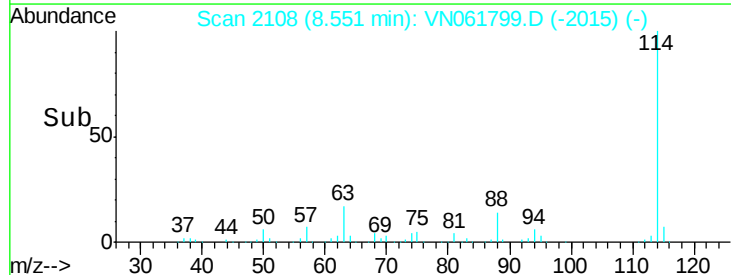
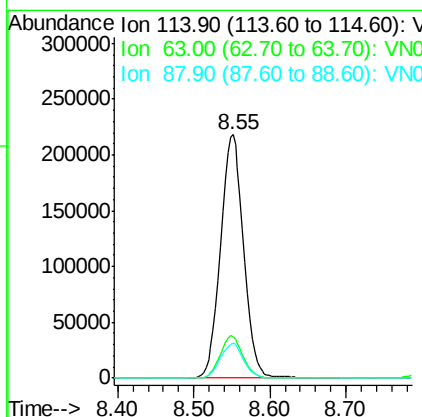
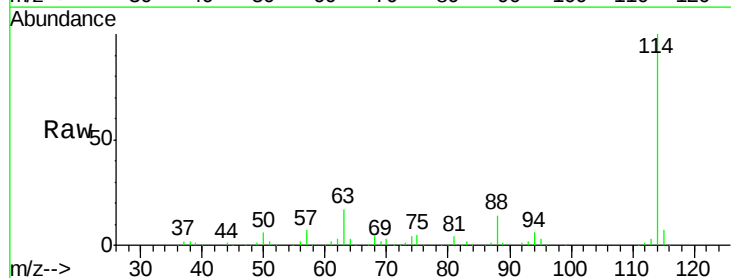
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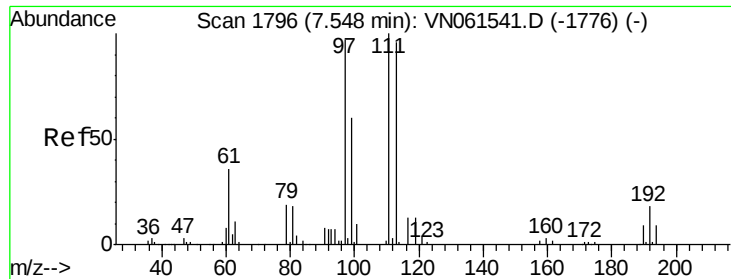
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061799.D
 Acq: 12 Jun 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.3	0.0	35.8	
88	14.3	0.0	31.0	





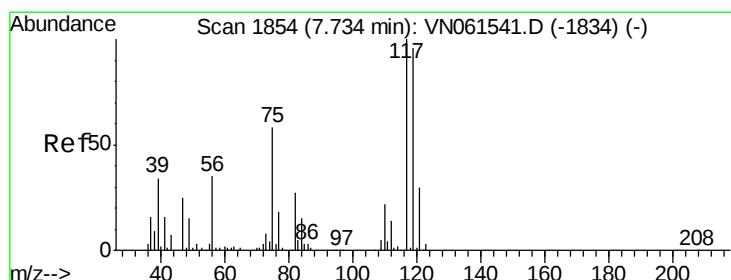
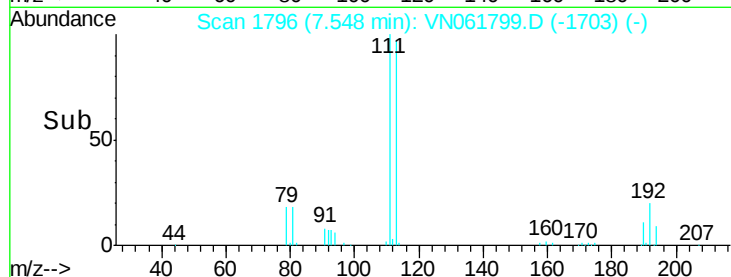
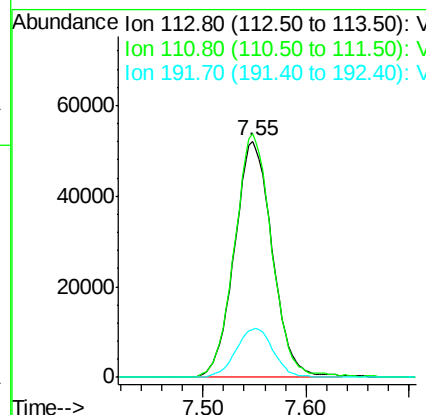
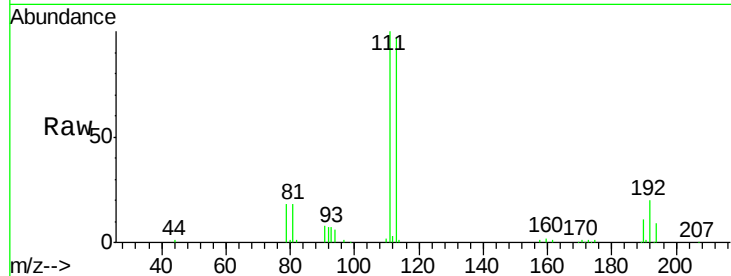
#35
 Dibromofluoromethane
 Concen: 56.892 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061799.D
 Acq: 12 Jun 2020 18:20

Instrument :
 MSVOA_N
 ClientSampleId :
 REDUP01-20200608

Tot Ion	Ratio	Resp	Lower	Upper
113	100	132896		
111	100.9	83.4	125.0	
192	20.4	15.4	23.2	

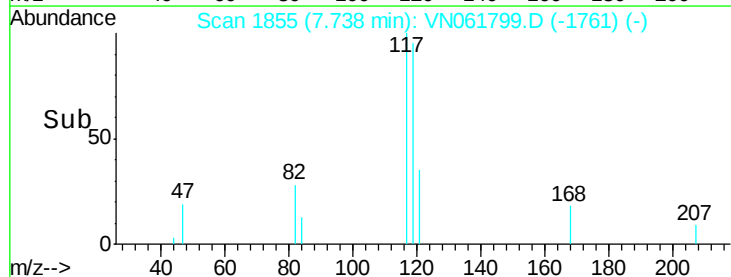
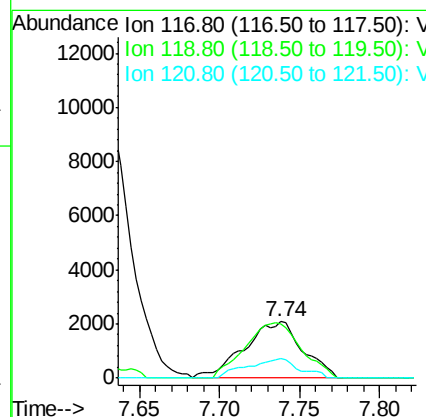
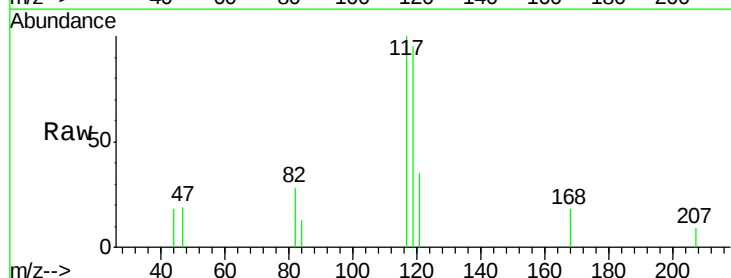
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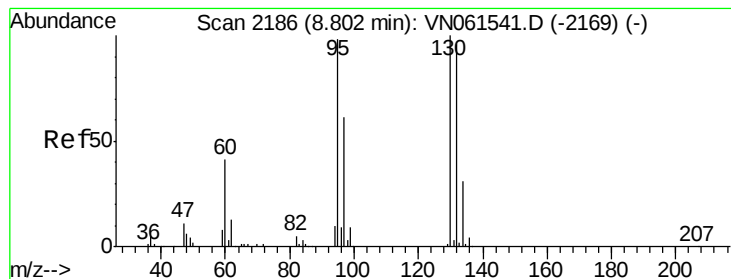
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#38
 Carbon Tetrachloride
 Concen: 1.336 ug/l
 RT: 7.74 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VN061799.D
 Acq: 12 Jun 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	5254		
119	95.2	76.5	114.7	
121	34.7	24.1	36.1	





#44

Trichloroethene

Concen: 833.429 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061799.D

Acq: 12 Jun 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

REDUP01-20200608

Tot Ion:130 Resp: 3221558

Ion Ratio Lower Upper

130 100

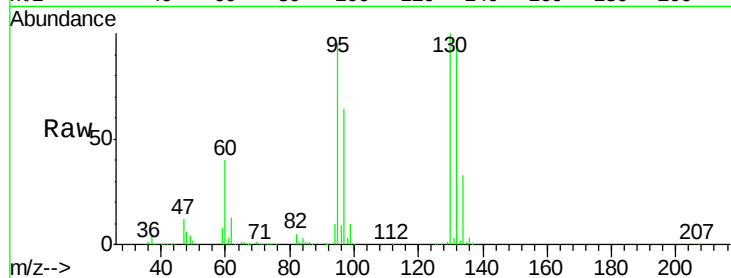
95 94.9 0.0 196.6

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

1500000

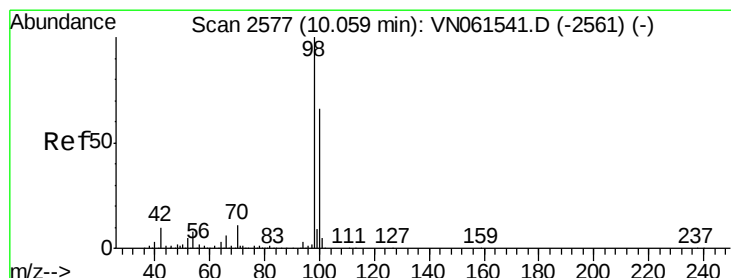
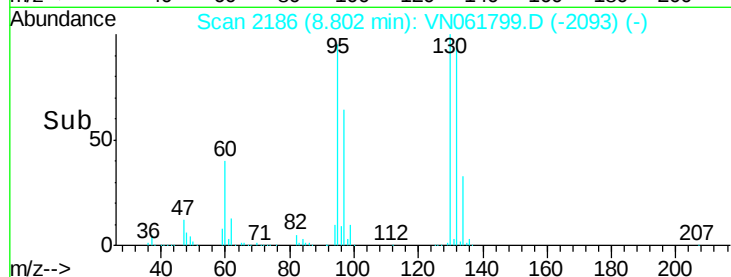
1000000

500000

0

8.70 8.80 8.90

Time-->



#50

Toluene-d8

Concen: 52.045 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061799.D

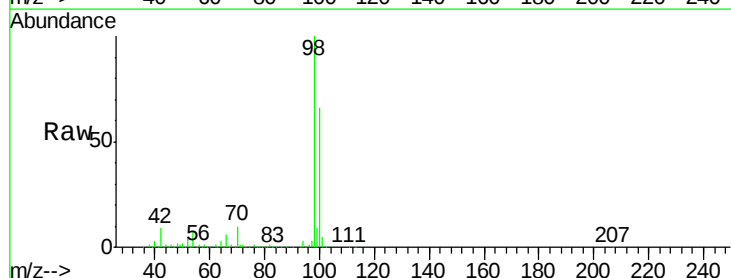
Acq: 12 Jun 2020 18:20

Tgt Ion: 98 Resp: 563382

Ion Ratio Lower Upper

98 100

100 65.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

300000

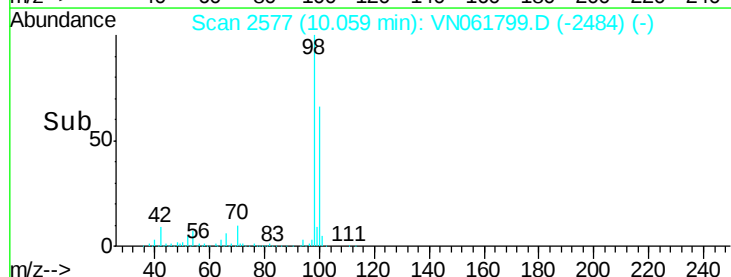
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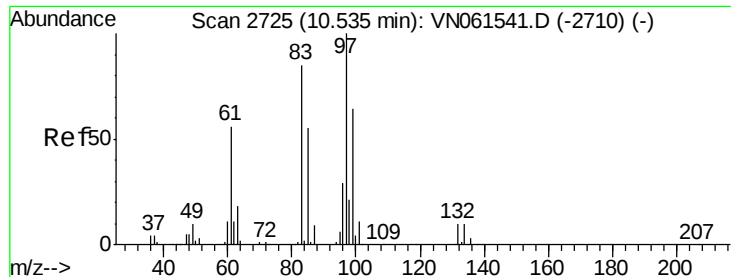
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0

10.00 10.10

Time-->





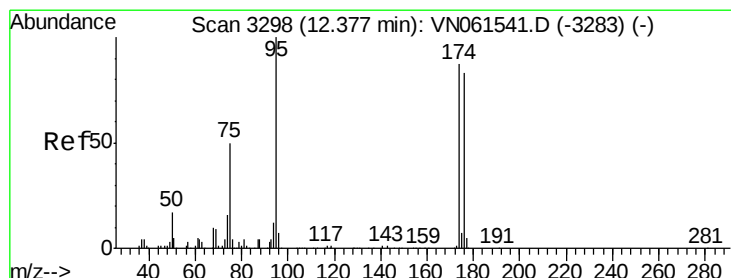
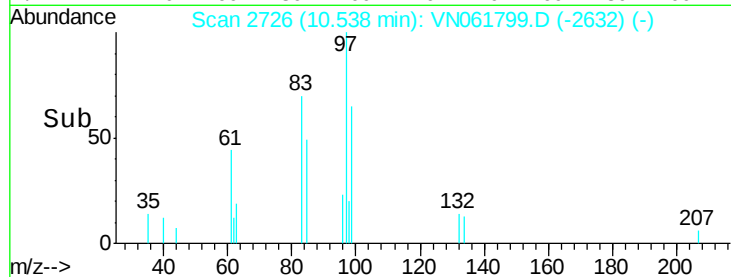
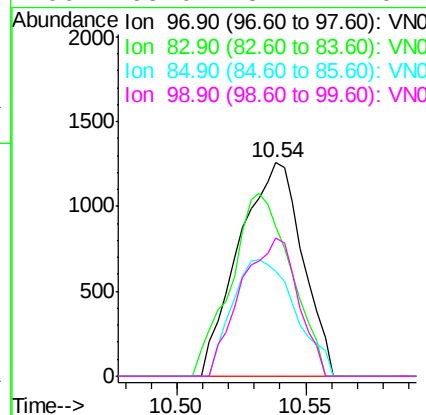
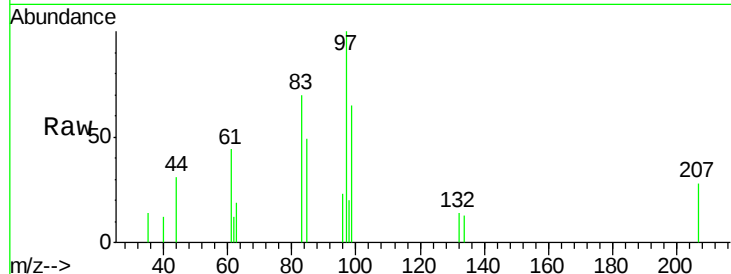
#55
 1,1,2-Trichloroethane
 Concen: 0.660 ug/l
 RT: 10.54 min Scan# 2726
 Delta R.T. 0.00 min
 Lab File: VN061799.D
 Acq: 12 Jun 2020 18:20

Instrument :
 MSVOA_N
 ClientSampleId :
 REDUP01-20200608

Tot Ion:	97	Resp:	2159
Ion	Ratio	Lower	Upper
97	100		
83	70.3	68.1	102.1
85	49.4	44.1	66.1
99	65.0	51.1	76.7

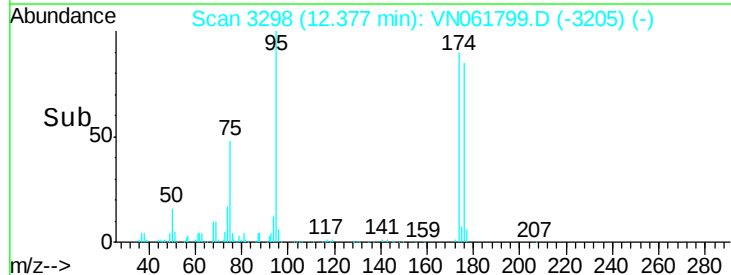
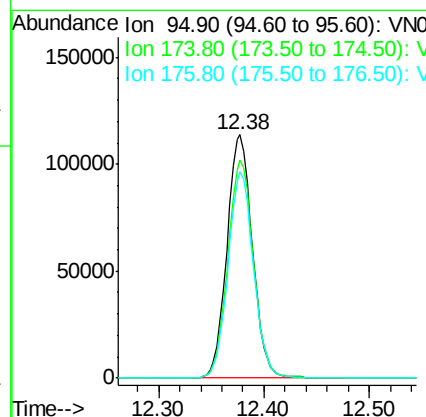
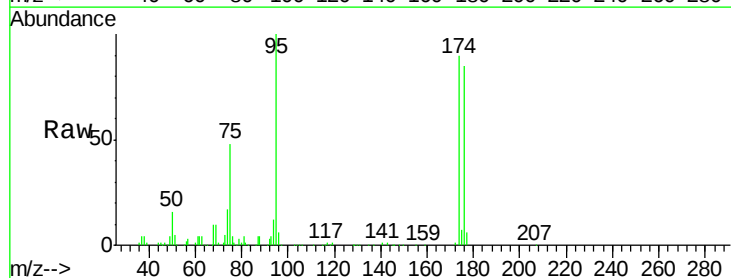
Manual Integrations
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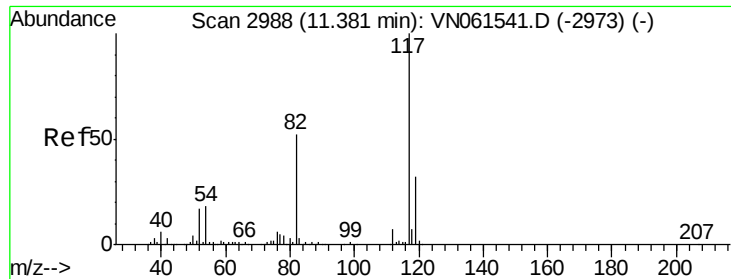
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#62
 4-Bromofluorobenzene
 Concen: 48.065 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061799.D
 Acq: 12 Jun 2020 18:20

Tgt Ion:	95	Resp:	189824
Ion	Ratio	Lower	Upper
95	100		
174	90.7	0.0	172.8
176	85.0	0.0	164.8





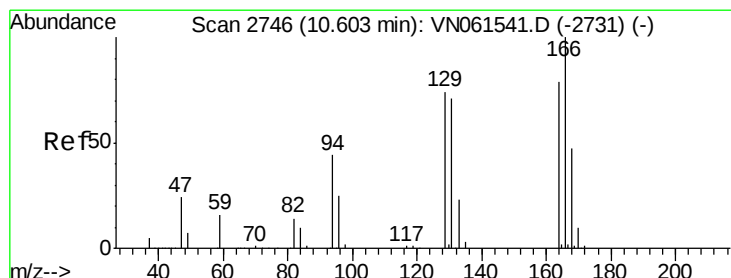
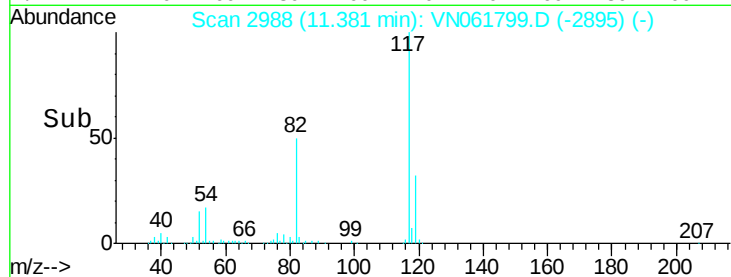
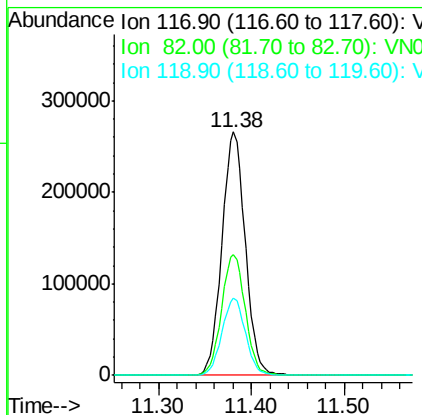
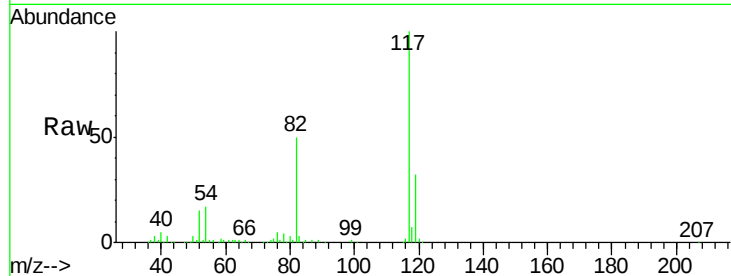
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061799.D
Acq: 12 Jun 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
REDUP01-20200608

Tot Ion	Ratio	Resp	Lower	Upper
117	100	463730		
82	49.6		41.5	62.3
119	31.8		25.6	38.4

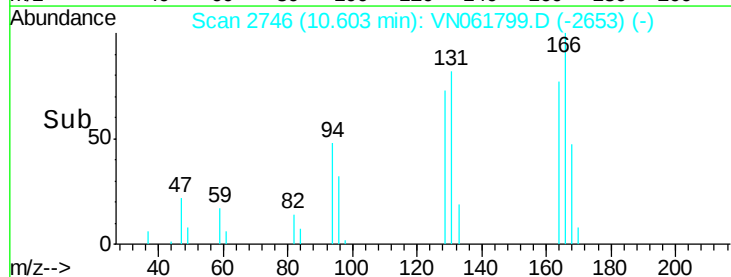
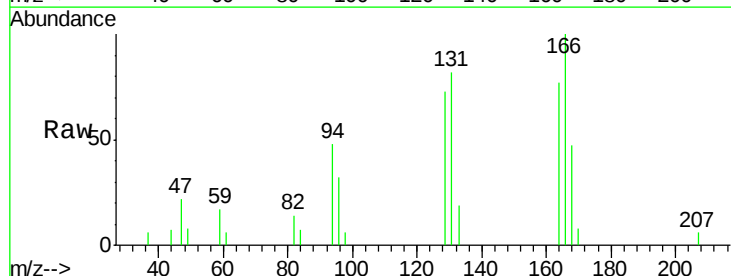
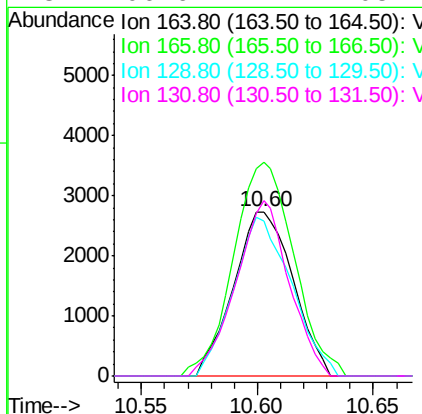
Manual Integrations
APPROVED

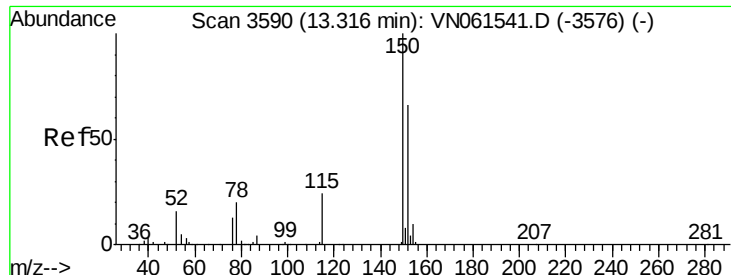
MMDadoda
6/15/2020 11:08:38 AM



#64
Tetrachloroethene
Concen: 1.113 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061799.D
Acq: 12 Jun 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	4858		
166	124.2		101.5	152.3
129	94.3		74.9	112.3
131	106.6		72.2	108.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061799.D

Acq: 12 Jun 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

REDUP01-20200608

Tot Ion:152 Resp: 201882

Ion Ratio Lower Upper

152 100

115 55.3 28.0 84.0

150 155.9 0.0 344.0

Manual Integrations

APPROVED

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6/15/2020 11:08:38 AM

