

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063522.D
 Acq On : 22 Sep 2020 6:53
 Operator : JC/MD
 Sample : L4082-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20200916

Manual Integrations
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 9/22/2020 2:08:34 PM

Quant Time: Sep 22 09:48:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	214925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	399641	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	394774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	172882	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	179030	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
35) Dibromofluoromethane	7.55	113	129483	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
50) Toluene-d8	10.06	98	511075	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	12.38	95	204529	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.72	101	23832	9.953	ug/l	97
12) 1,1-Dichloroethene	3.70	96	5311	2.190	ug/l	87
19) Methyl tert-butyl Ether	4.99	73	5809m	0.643	ug/l	
27) cis-1,2-Dichloroethene	6.78	96	14117	4.641	ug/l	87
30) Chloroform	7.33	83	4721m	0.881	ug/l	
44) Trichloroethene	8.80	130	686923	233.023	ug/l	100
49) 1,4-Dioxane	9.17	88	1515m	28.758	ug/l	
64) Tetrachloroethene	10.60	164	24571	9.141	ug/l	97

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

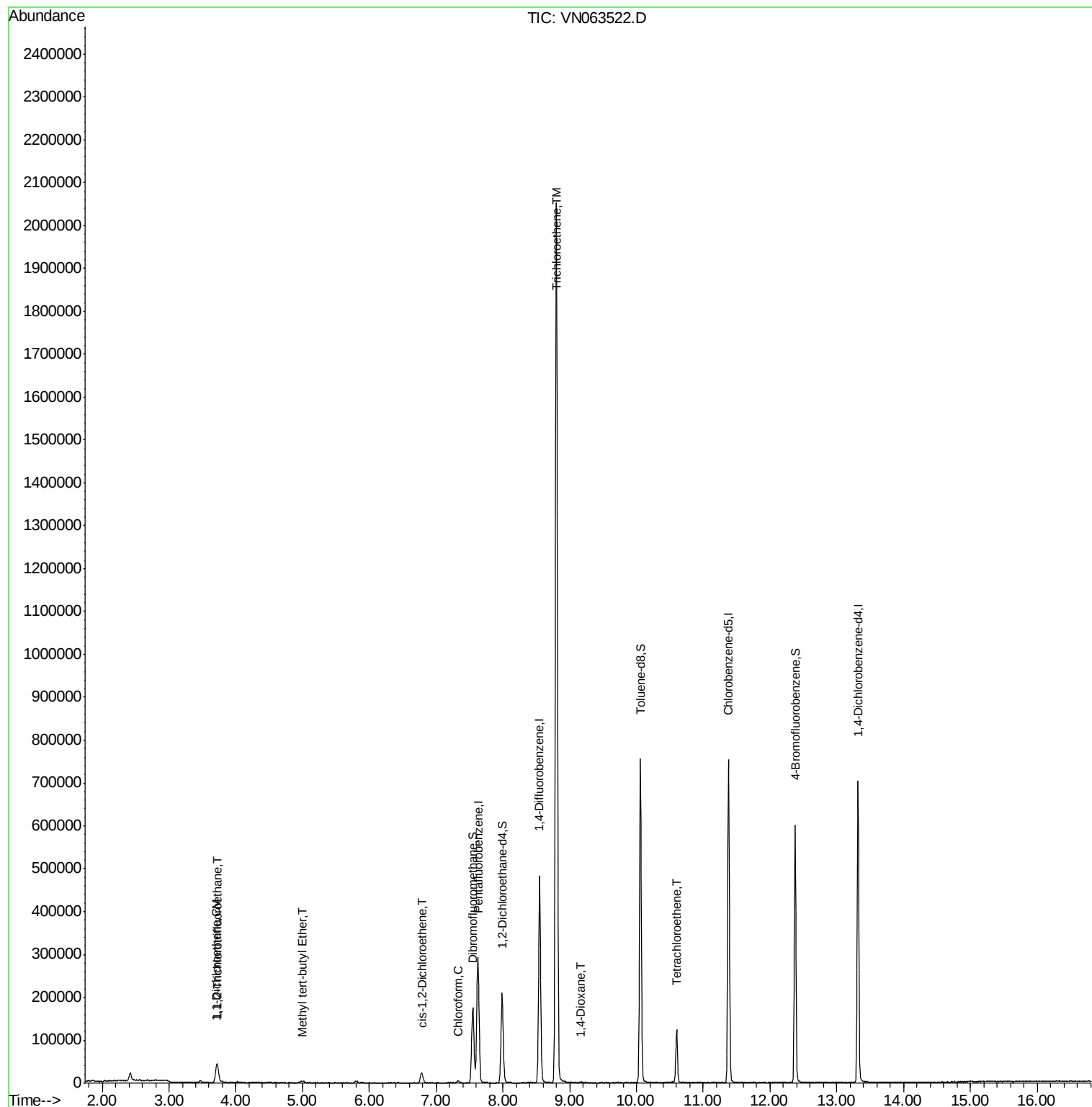
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092120\
Data File : VN063522.D
Acq On : 22 Sep 2020 6:53
Operator : JC/MD
Sample : L4082-20
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 52 Sample Multiplier: 1

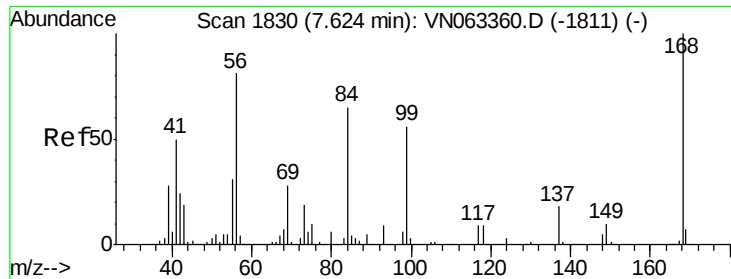
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20200916

Manual Integrations
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Quant Time: Sep 22 09:48:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063522.D

Acq: 22 Sep 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

RE125D1-20200916

Tot Ion:168 Resp: 214925

Ion Ratio Lower Upper

168 100

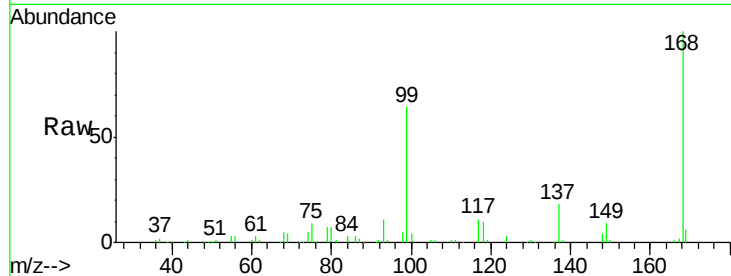
99 64.3 53.0 79.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

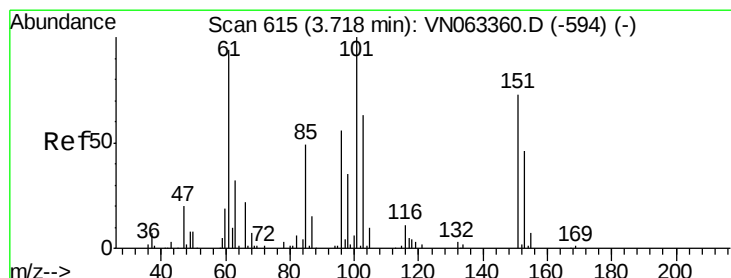
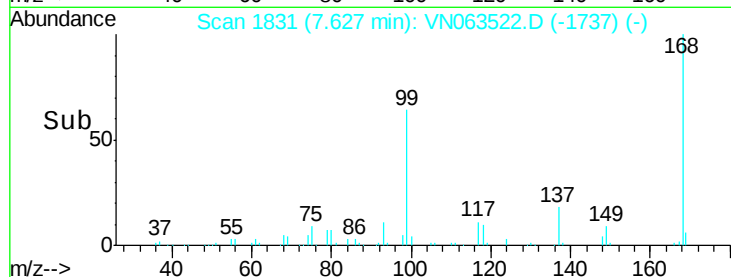
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.953 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063522.D

Acq: 22 Sep 2020 6:53

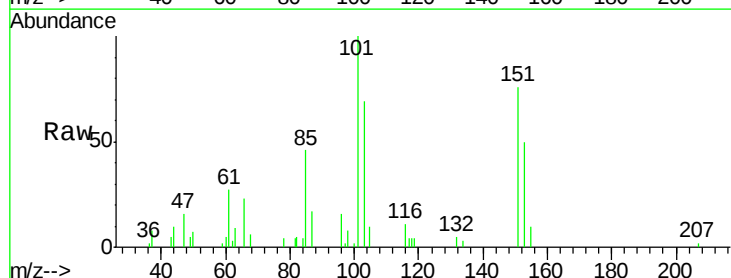
Tgt Ion:101 Resp: 23832

Ion Ratio Lower Upper

101 100

85 47.0 37.7 56.5

151 75.7 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

10000

8000

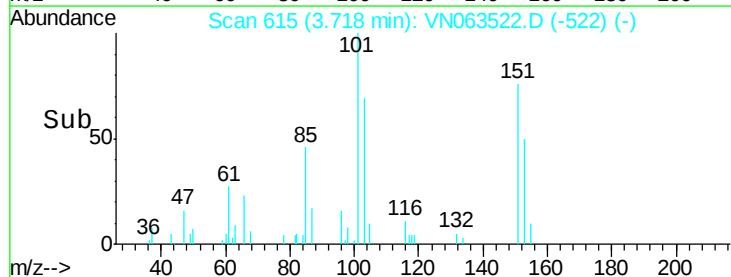
6000

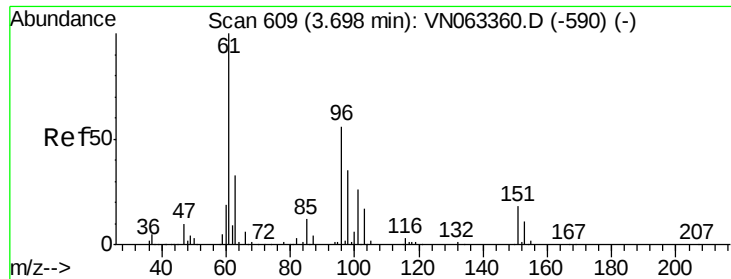
4000

2000

0

Time--> 3.65 3.70 3.75 3.80





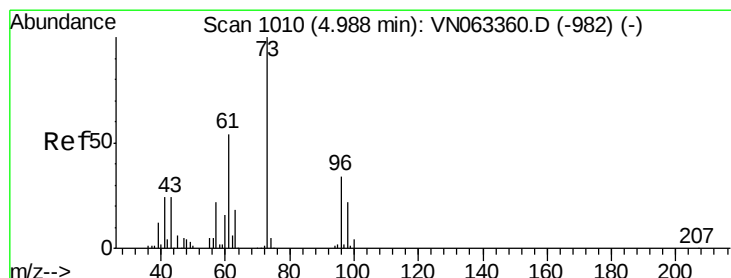
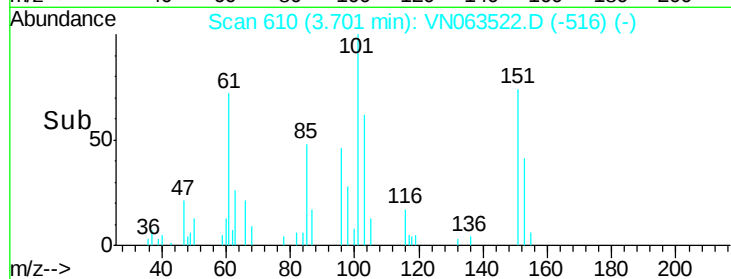
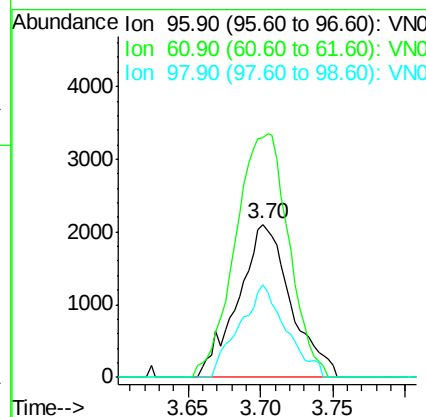
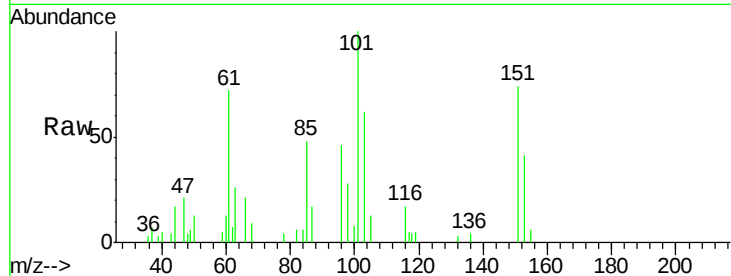
#12
 1,1-Dichloroethene
 Concen: 2.190 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063522.D
 Acq: 22 Sep 2020 6:53

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20200916

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.0	143.4	215.2
98	60.8	50.6	76.0

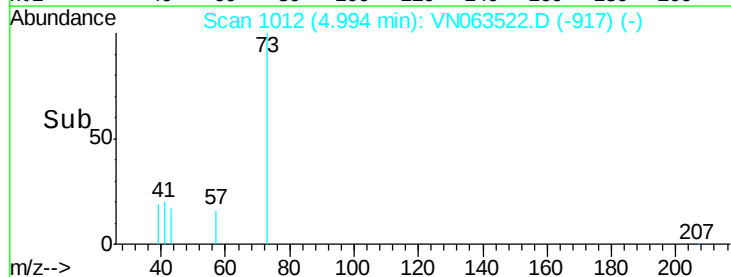
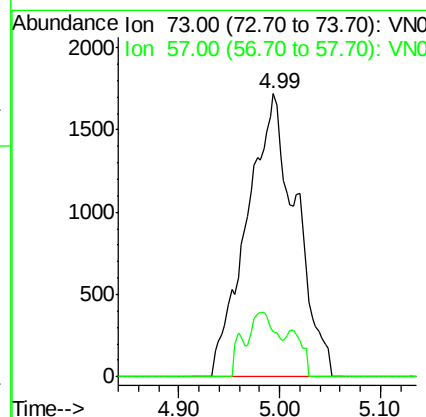
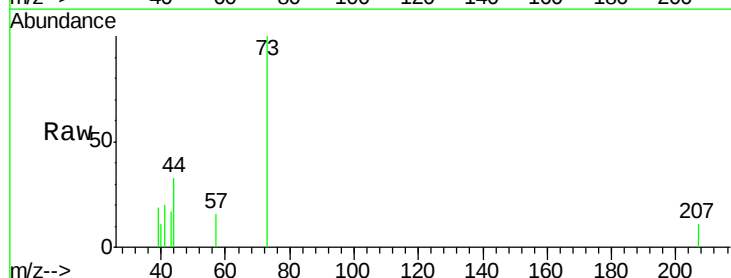
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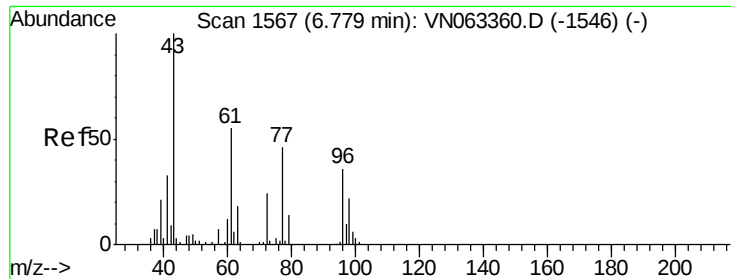
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#19
 Methyl tert-butyl Ether
 Concen: 0.643 ug/l m
 RT: 4.99 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: VN063522.D
 Acq: 22 Sep 2020 6:53

Tgt Ion	Ratio	Lower	Upper
73	100		
57	16.1	17.9	26.9#





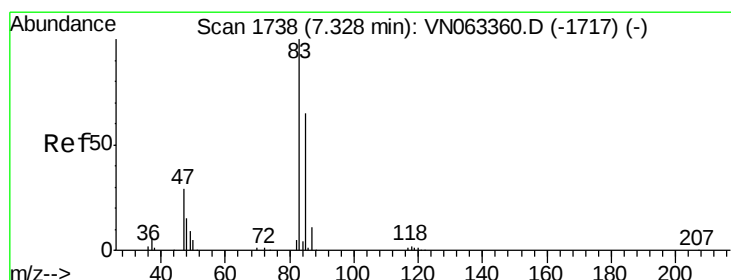
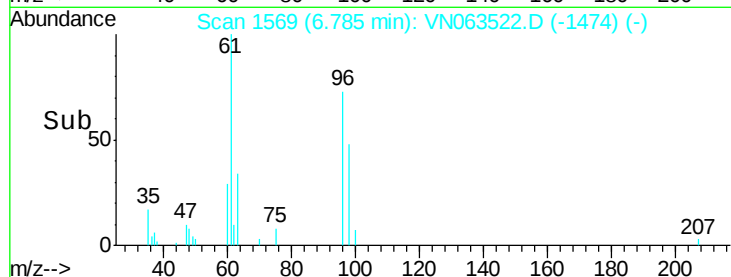
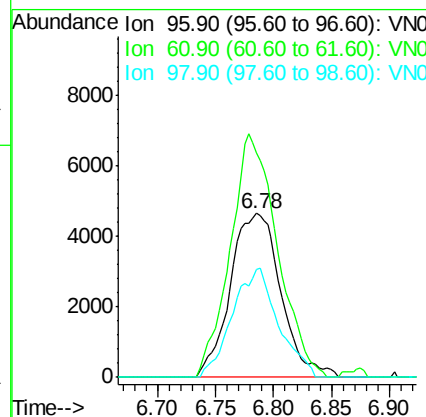
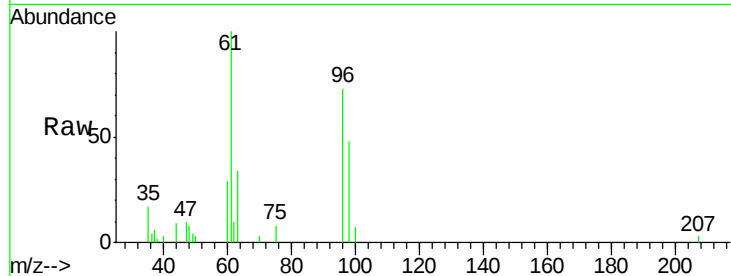
#27
 cis-1,2-Dichloroethene
 Concen: 4.641 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN063522.D
 Acq: 22 Sep 2020 6:53

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20200916

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	138.2	0.0	319.6	
98	60.3	0.0	127.8	

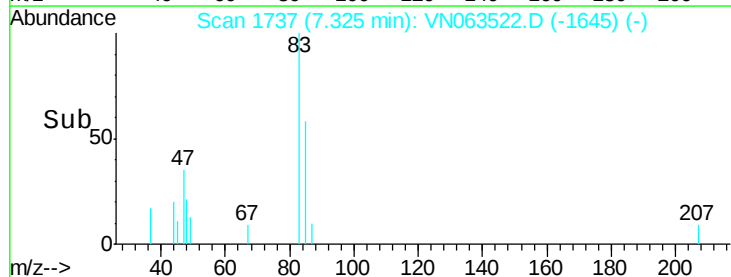
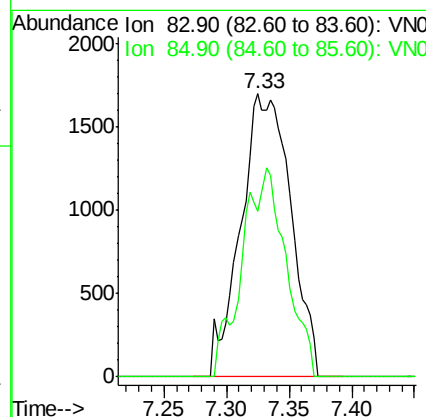
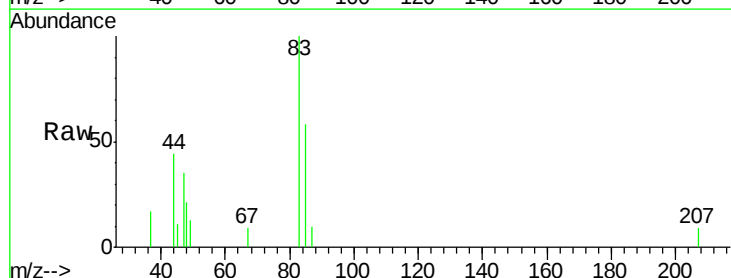
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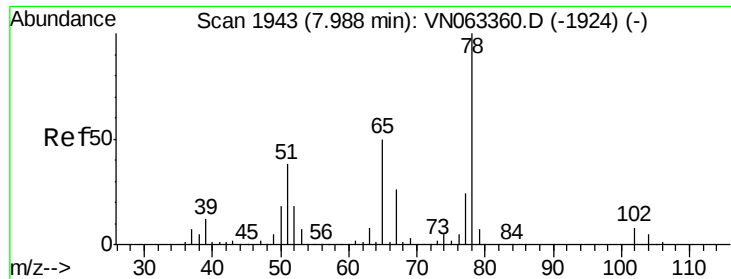
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#30
 Chloroform
 Concen: 0.881 ug/l m
 RT: 7.33 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: VN063522.D
 Acq: 22 Sep 2020 6:53

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	58.4	52.1	78.1	





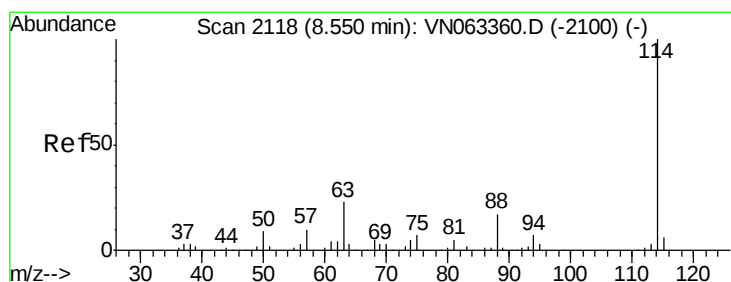
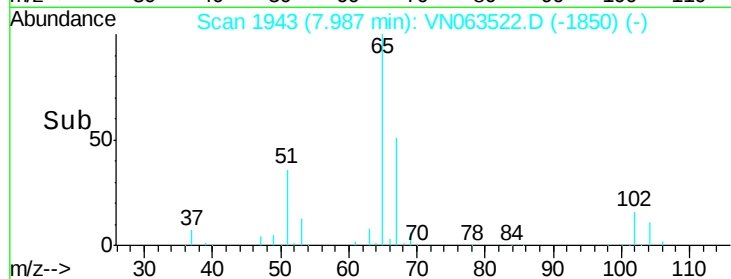
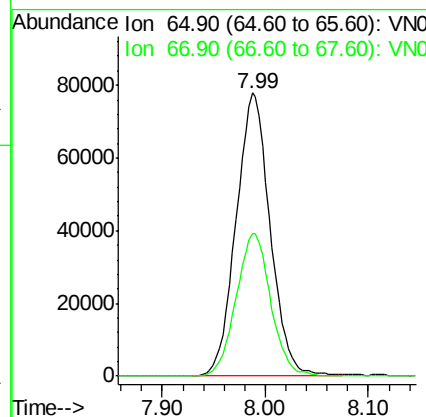
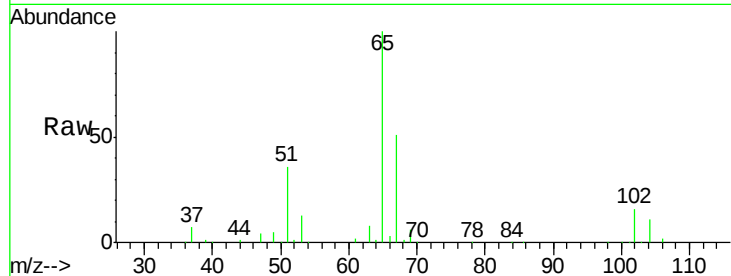
#33
 1,2-Dichloroethane-d4
 Concen: 48.934 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063522.D
 Acq: 22 Sep 2020 6:53

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20200916

Tot Ion	Ratio	Resp	Lower	Upper
65	100	179030		
67	51.2	0.0	104.2	

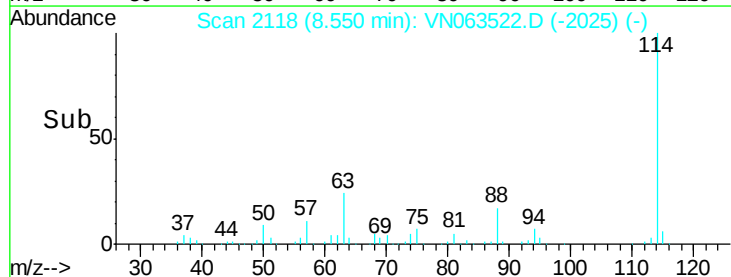
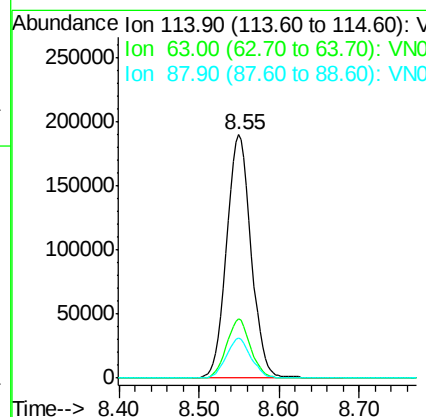
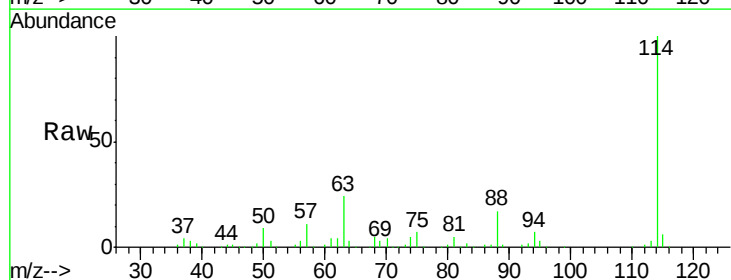
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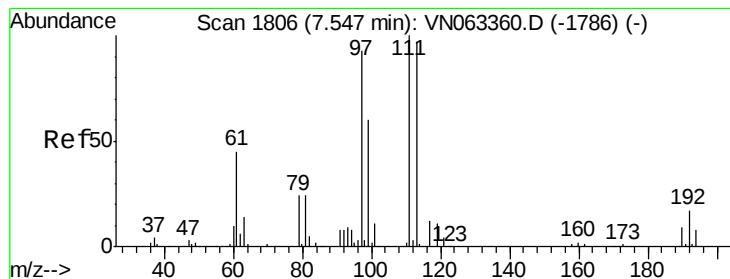
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063522.D
 Acq: 22 Sep 2020 6:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	399641		
63	24.3	0.0	46.4	
88	16.6	0.0	33.2	





#35

Dibromofluoromethane

Concen: 46.802 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063522.D

Acq: 22 Sep 2020 6:53

Instrument :

MSVOA_N

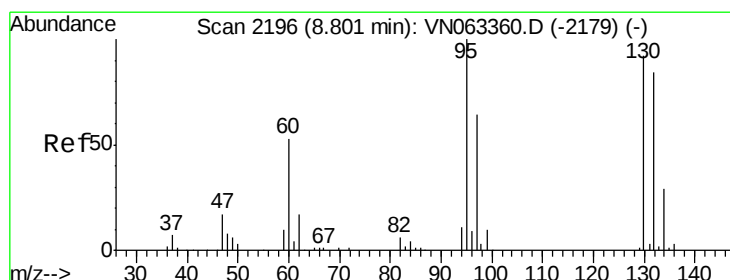
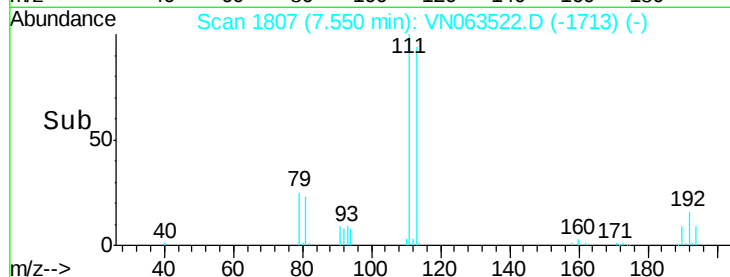
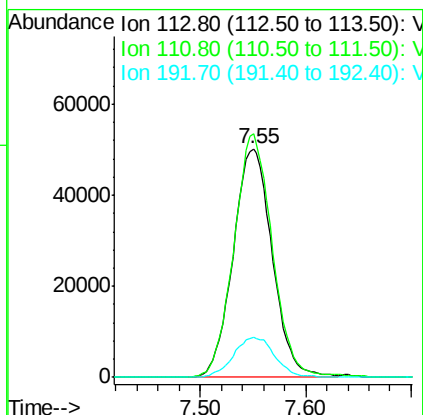
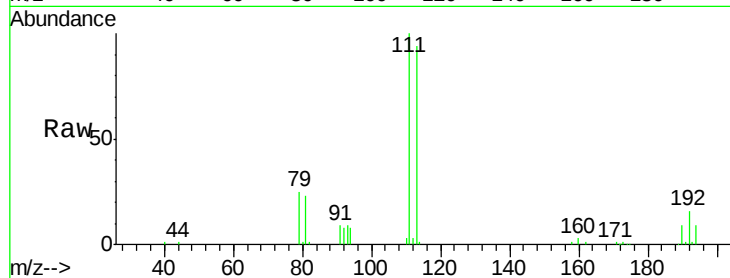
ClientSampleId :

RE125D1-20200916

Tot Ion:	113	Resp:	129483
Ion Ratio	Lower	Upper	
113	100		
111	103.9	82.9	124.3
192	18.4	13.9	20.9

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#44

Trichloroethene

Concen: 233.023 ug/l

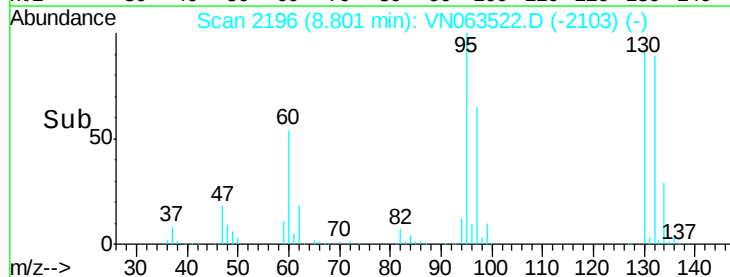
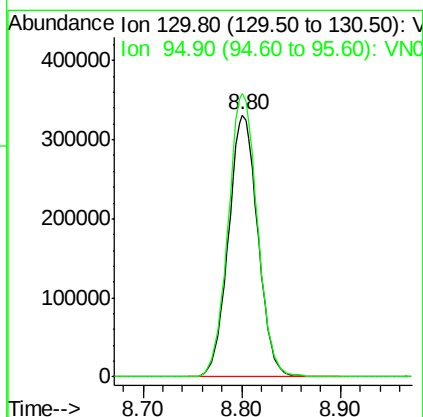
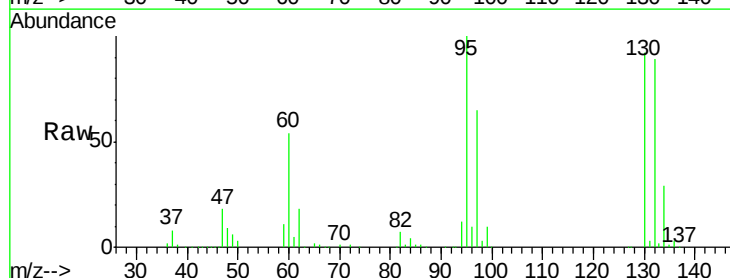
RT: 8.80 min Scan# 2196

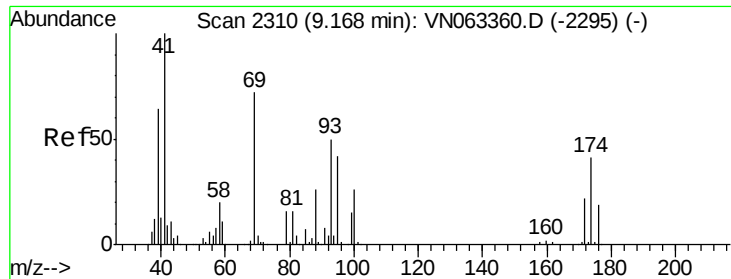
Delta R.T. -0.00 min

Lab File: VN063522.D

Acq: 22 Sep 2020 6:53

Tgt Ion:	130	Resp:	686923
Ion Ratio	Lower	Upper	
130	100		
95	108.2	0.0	217.4





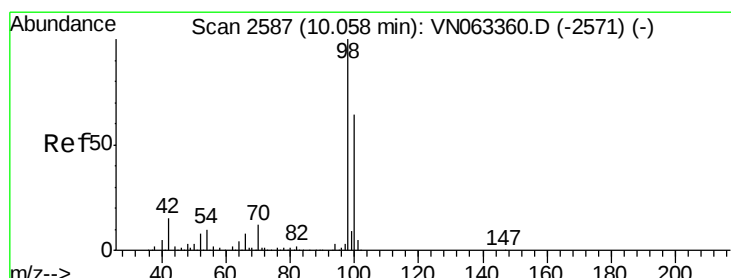
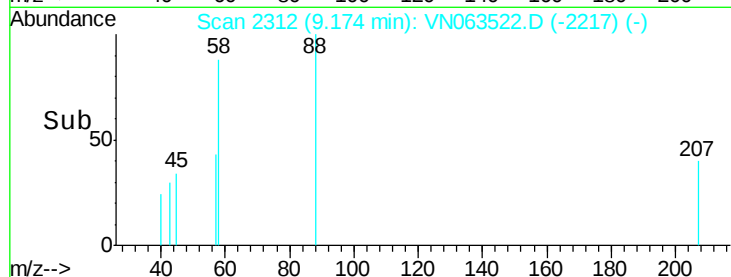
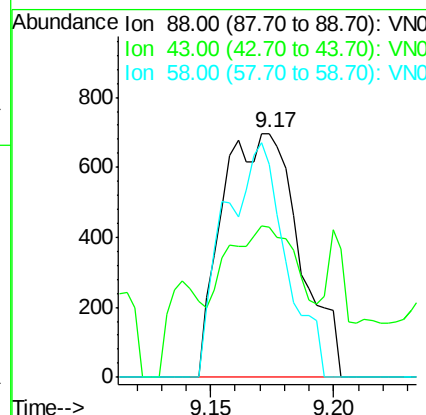
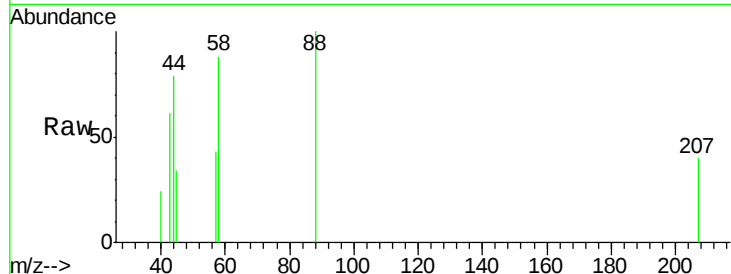
#49
1,4-Dioxane
Concen: 28.758 ug/l m
RT: 9.17 min Scan# 2312
Delta R.T. 0.01 min
Lab File: VN063522.D
Acq: 22 Sep 2020 6:53

Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20200916

Tot Ion	Ratio	Resp	Lower	Upper
88	100	1515		
43	38.5		32.6	49.0
58	76.4		60.0	90.0

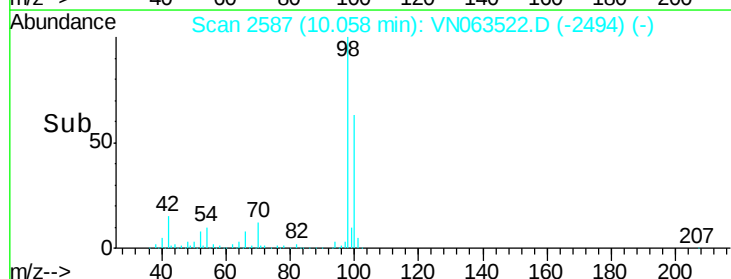
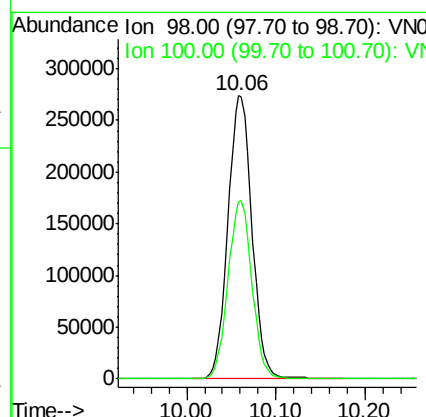
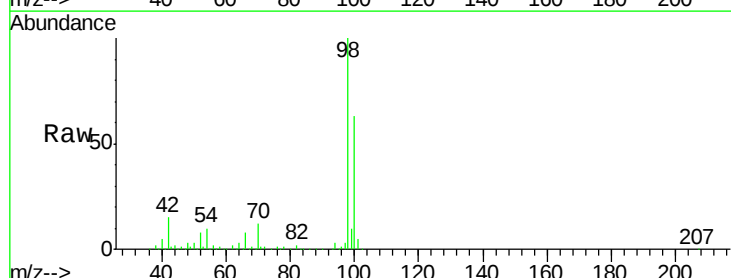
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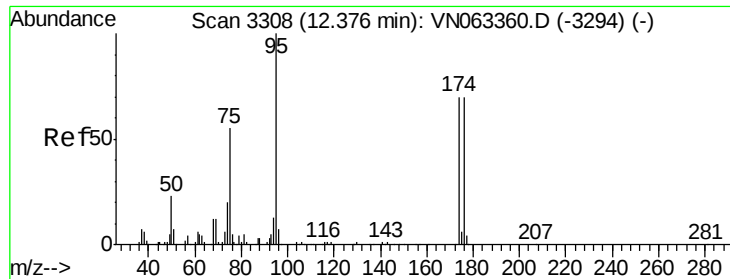
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#50
Toluene-d8
Concen: 49.127 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063522.D
Acq: 22 Sep 2020 6:53

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	511075		
100	62.6		50.7	76.1





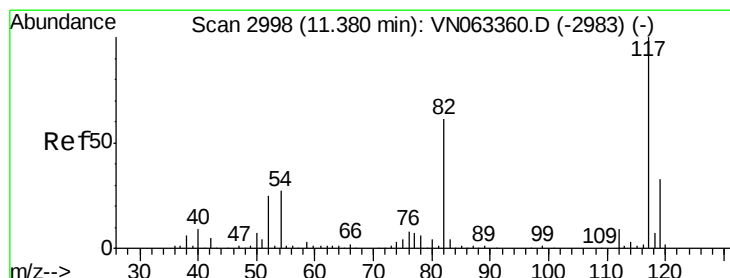
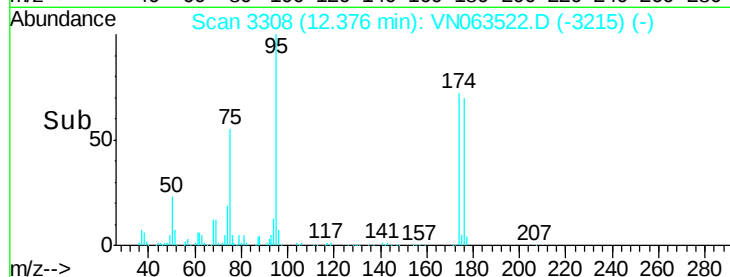
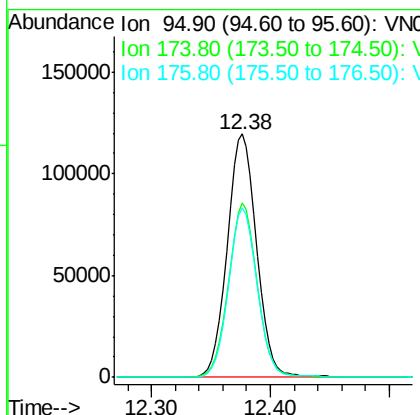
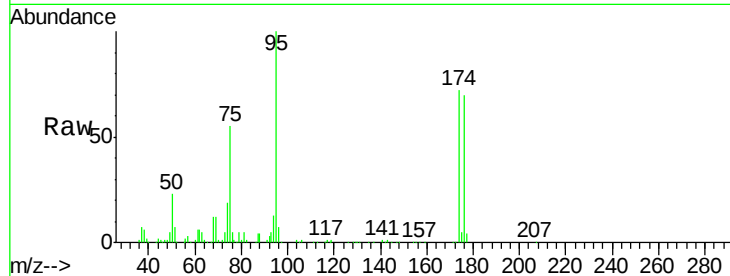
#62
4-Bromofluorobenzene
Concen: 53.632 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063522.D
Acq: 22 Sep 2020 6:53

Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20200916

Tot Ion	Ratio	Resp	Lower	Upper
95	100	204529		
174	70.1	0.0	140.8	
176	68.1	0.0	137.6	

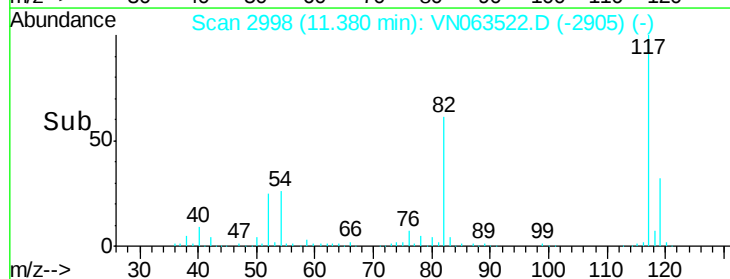
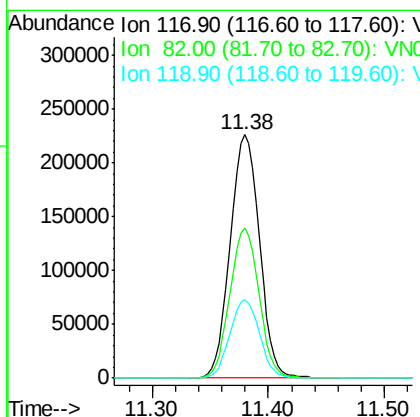
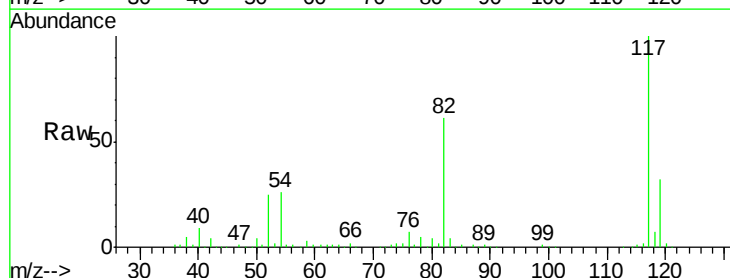
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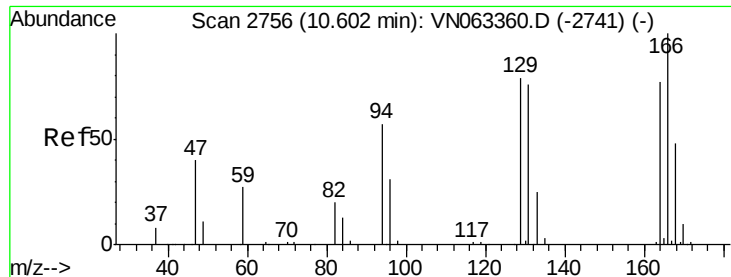
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9/22/2020 2:08:34 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063522.D
Acq: 22 Sep 2020 6:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	394774		
82	61.4	49.2	73.8	
119	32.3	26.2	39.4	





#64

Tetrachloroethene

Concen: 9.141 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN063522.D

Acq: 22 Sep 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

RE125D1-20200916

Tot Ion:164 Resp: 24571

Ion Ratio Lower Upper

164 100

166 125.3 103.4 155.0

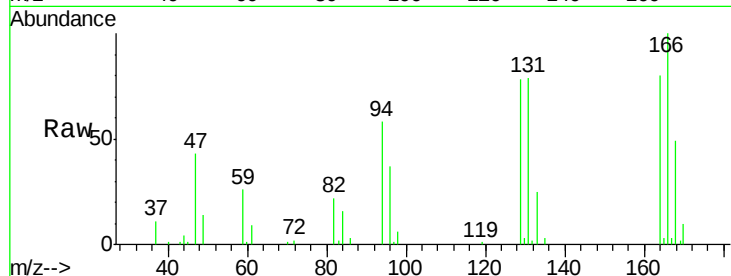
129 98.2 81.8 122.6

131 99.1 78.2 117.4

Manual Integrations
APPROVED

MMDadoda

9/22/2020 2:08:34 PM

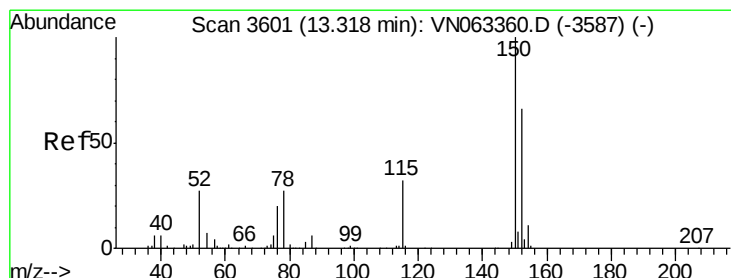
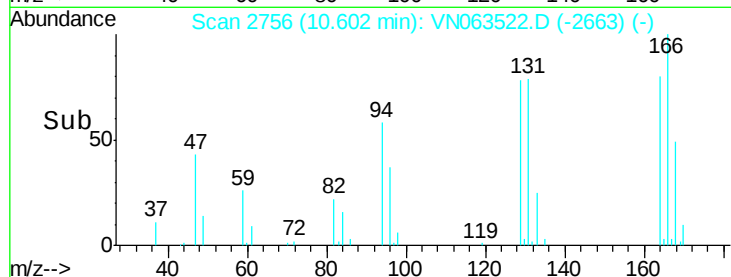
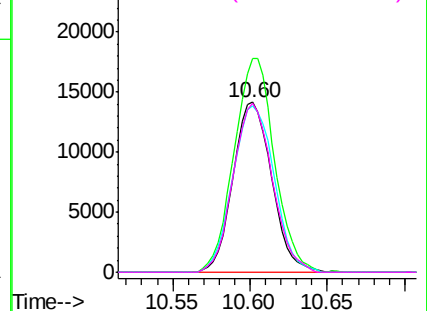


Abundance Ion 163.80 (163.50 to 164.50): V

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# 3601

Delta R.T. -0.00 min

Lab File: VN063522.D

Acq: 22 Sep 2020 6:53

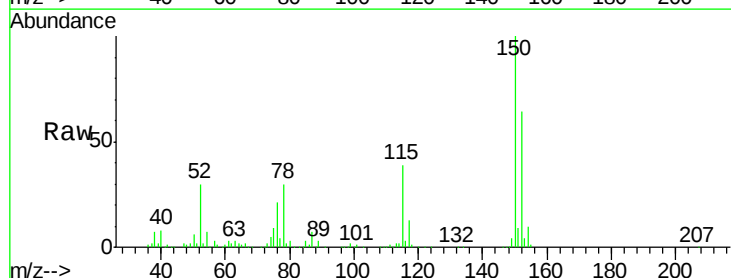
Tgt Ion:152 Resp: 172882

Ion Ratio Lower Upper

152 100

115 62.0 32.2 96.6

150 153.1 0.0 343.4



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

