

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063540.D
 Acq On : 22 Sep 2020 18:07
 Operator : JC/MD
 Sample : L4082-21DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D2-20200916DL

Manual Integrations
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 9/23/2020 1:05:49 PM

Quant Time: Sep 23 04:49:58 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	224275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	414532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	422258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	177142	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	190306	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
35) Dibromofluoromethane	7.55	113	135702	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
50) Toluene-d8	10.06	98	534165	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	12.38	95	210890	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.62%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.72	101	11473	4.592	ug/l	99
12) 1,1-Dichloroethene	3.70	96	3116	1.231	ug/l	86
27) cis-1,2-Dichloroethene	6.77	96	3092m	0.974	ug/l	
44) Trichloroethene	8.80	130	207483	67.855	ug/l	97
49) 1,4-Dioxane	9.18	88	191	3.495	ug/l #	5
64) Tetrachloroethene	10.60	164	2880	1.002	ug/l	95

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

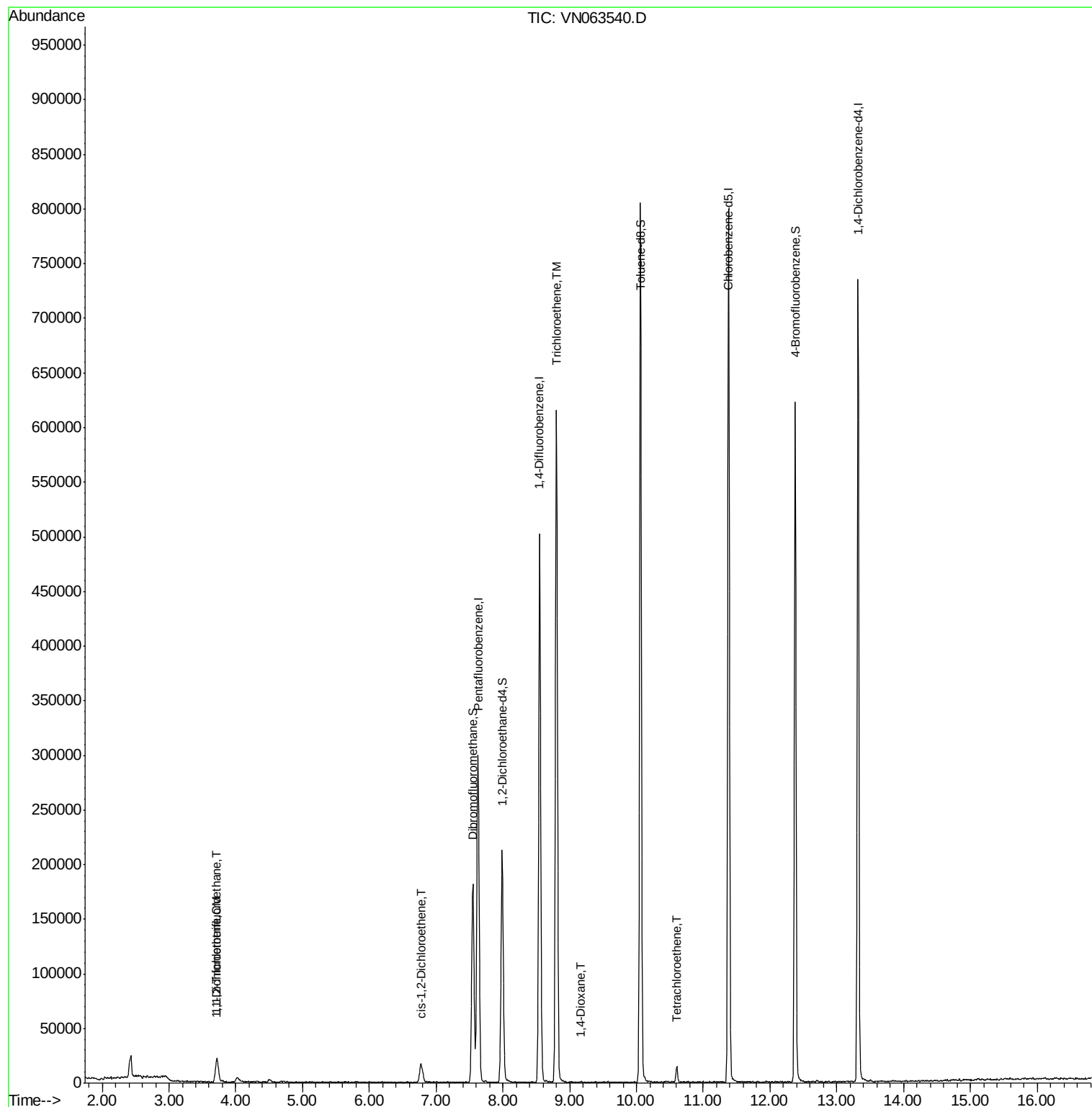
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
Data File : VN063540.D
Acq On : 22 Sep 2020 18:07
Operator : JC/MD
Sample : L4082-21DL 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

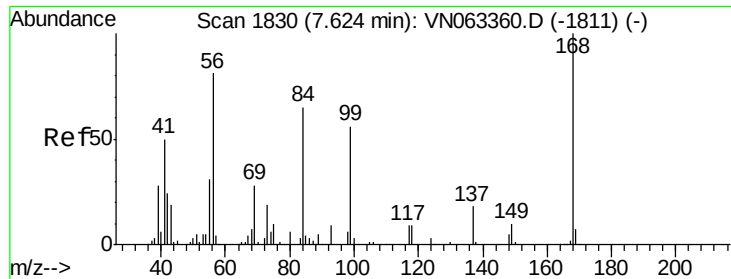
Instrument :
MSVOA_N
ClientSampleId :
RE125D2-20200916DL

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Quant Time: Sep 23 04:49:58 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: VN063540.D

Acq: 22 Sep 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

RE125D2-20200916DL

Tot Ion:168 Resp: 224275

Ion Ratio Lower Upper

168 100

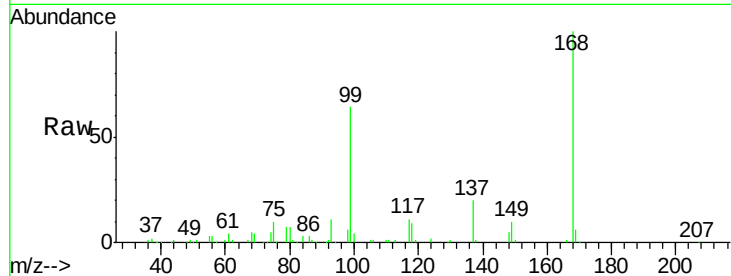
99 64.0 53.0 79.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

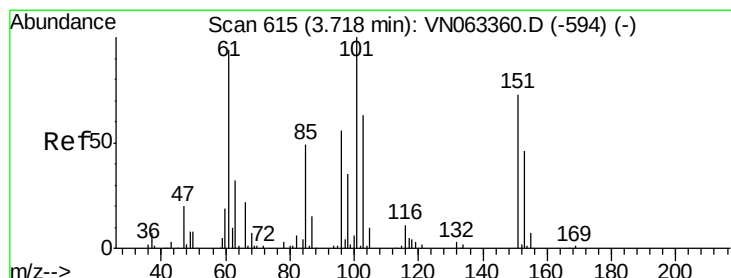
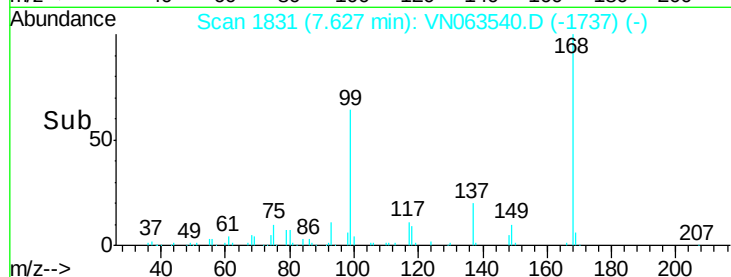
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.592 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063540.D

Acq: 22 Sep 2020 18:07

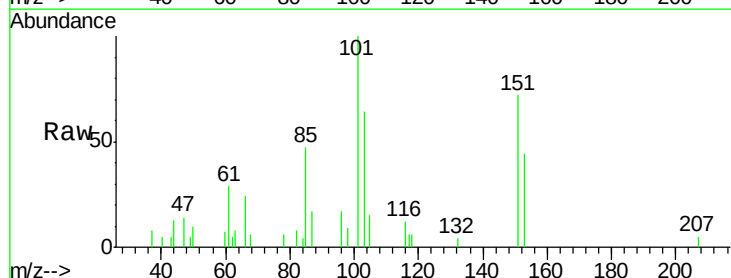
Tgt Ion:101 Resp: 11473

Ion Ratio Lower Upper

101 100

85 47.6 37.7 56.5

151 71.4 57.7 86.5



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

5000

4000

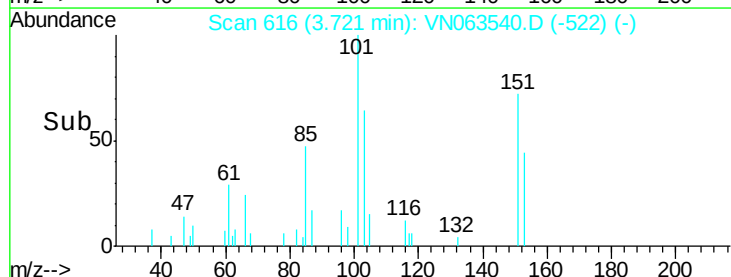
3000

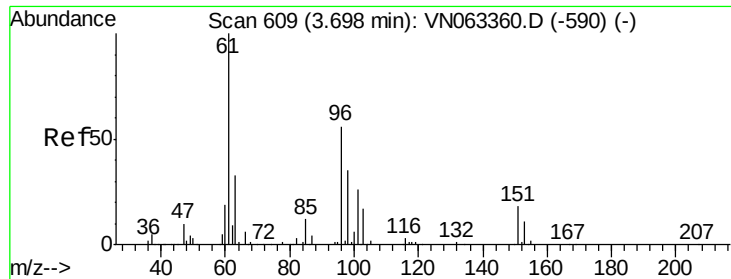
2000

1000

0

Time--> 3.65 3.70 3.75 3.80





#12

1,1-Dichloroethene

Concen: 1.231 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN063540.D

Acq: 22 Sep 2020 18:07

Instrument :

MSVOA_N

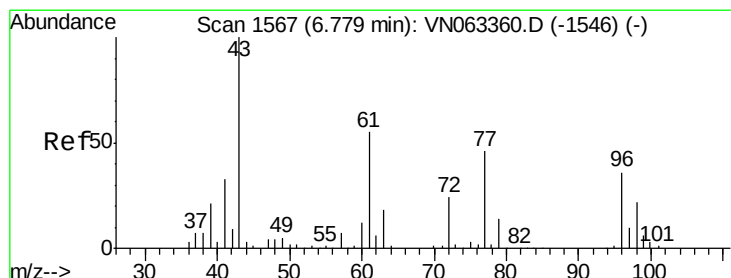
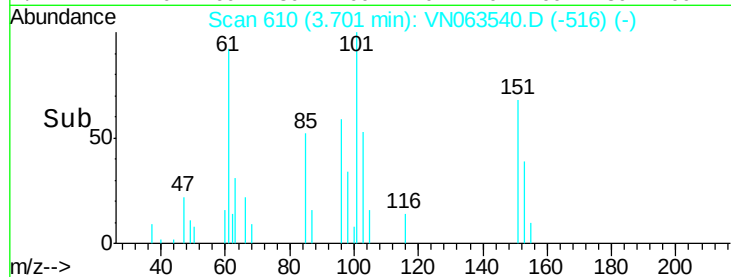
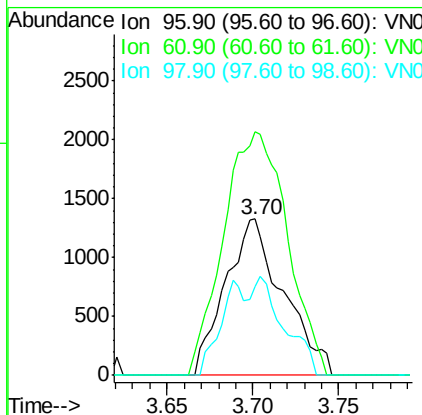
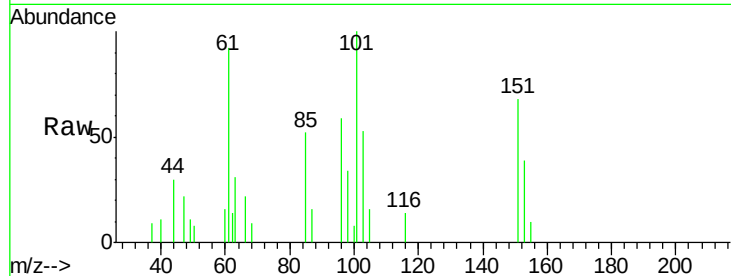
ClientSampleId :

RE125D2-20200916DL

Tot Ion:	96	Resp:	3116
Ion	Ratio	Lower	Upper
96	100		
61	155.8	143.4	215.2
98	57.1	50.6	76.0

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#27

cis-1,2-Dichloroethene

Concen: 0.974 ug/l m

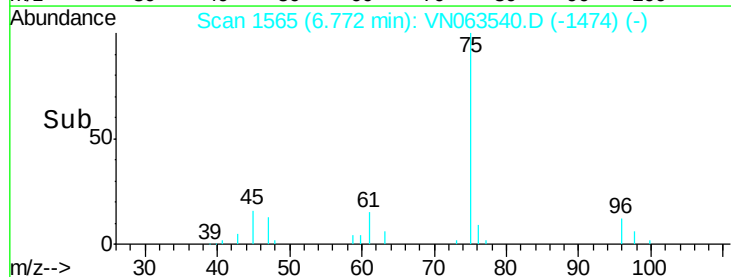
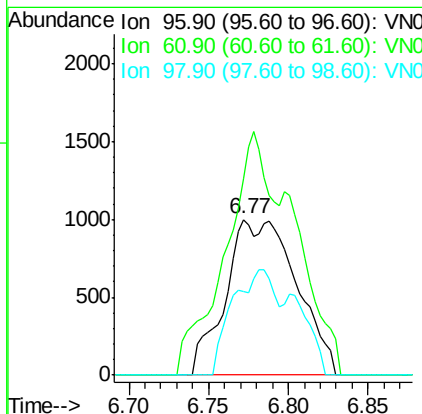
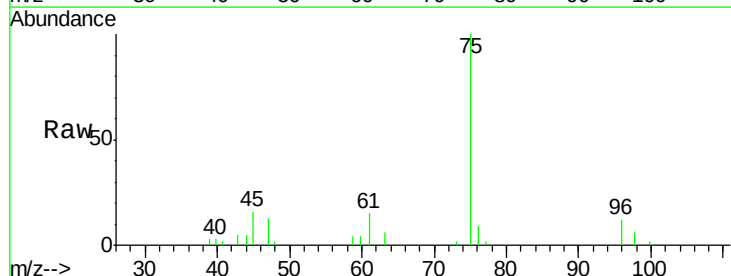
RT: 6.77 min Scan# 1565

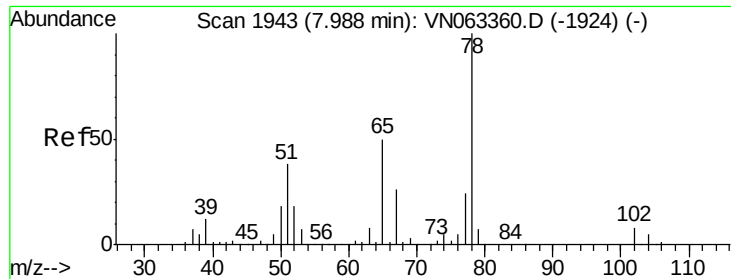
Delta R.T. -0.01 min

Lab File: VN063540.D

Acq: 22 Sep 2020 18:07

Tgt Ion:	96	Resp:	3092
Ion	Ratio	Lower	Upper
96	100		
61	105.6	0.0	319.6
98	41.2	0.0	127.8





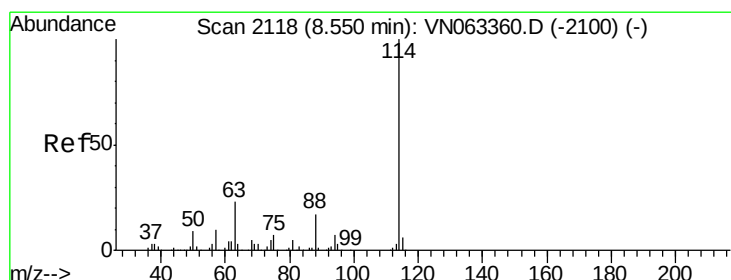
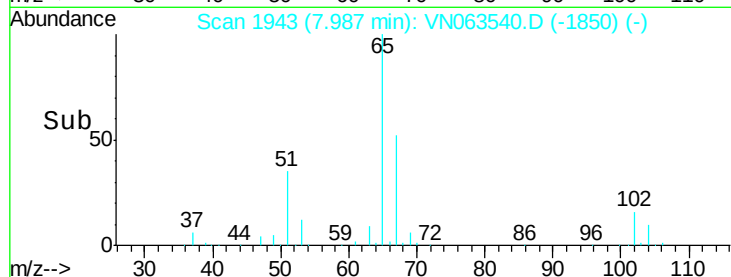
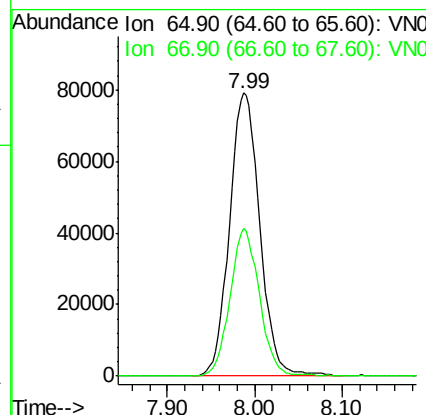
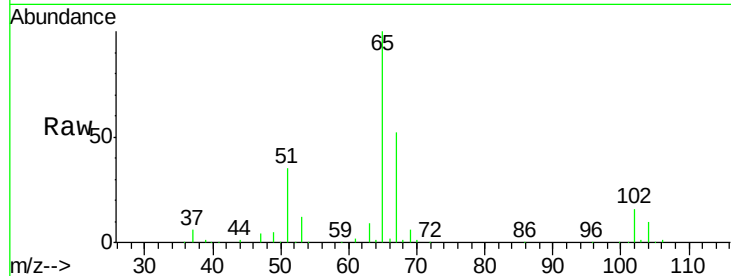
#33
 1,2-Dichloroethane-d4
 Concen: 49.848 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063540.D
 Acq: 22 Sep 2020 18:07

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D2-20200916DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	190306		
67	50.3	0.0	104.2	

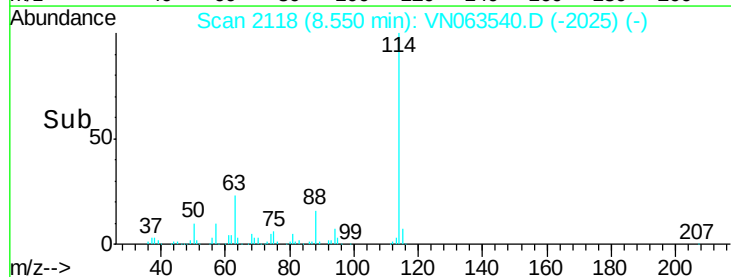
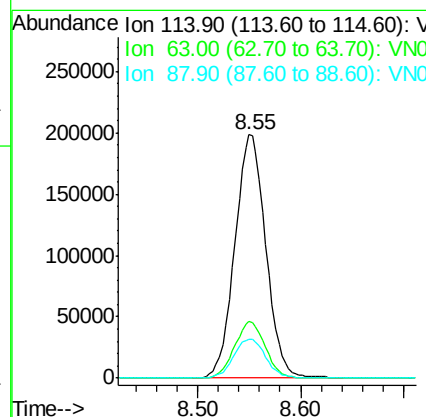
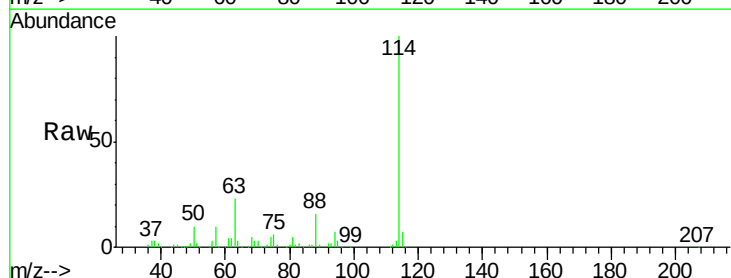
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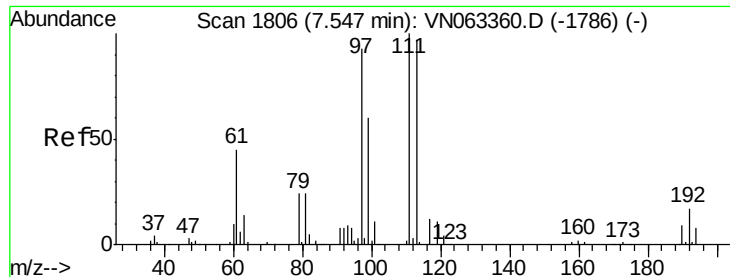
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063540.D
 Acq: 22 Sep 2020 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	414532		
63	23.2	0.0	46.4	
88	15.9	0.0	33.2	





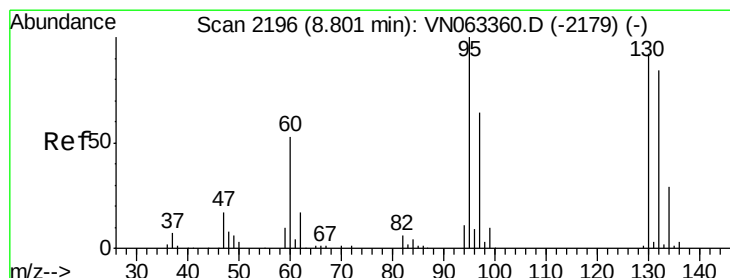
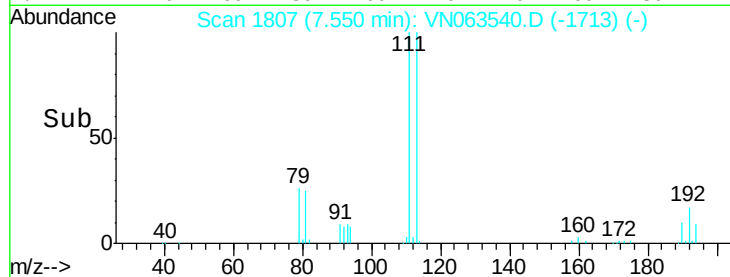
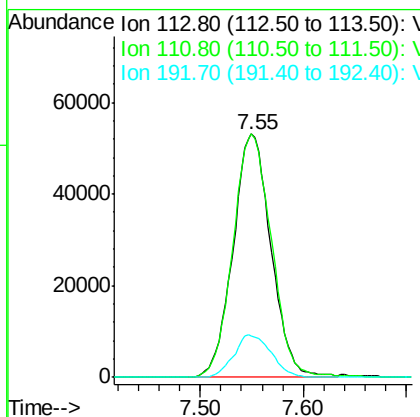
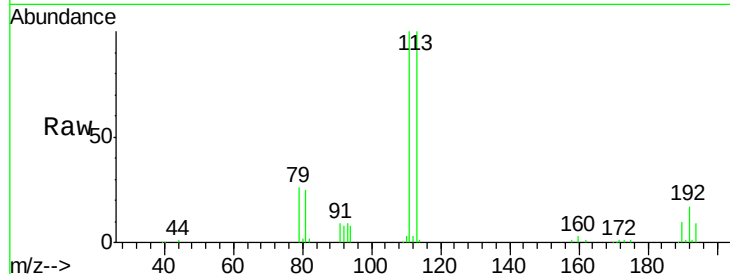
#35
Dibromofluoromethane
Concen: 47.288 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063540.D
Acq: 22 Sep 2020 18:07

Instrument :
MSVOA_N
ClientSampleId :
RE125D2-20200916DL

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135702		
111	101.8	82.9	124.3	
192	17.1	13.9	20.9	

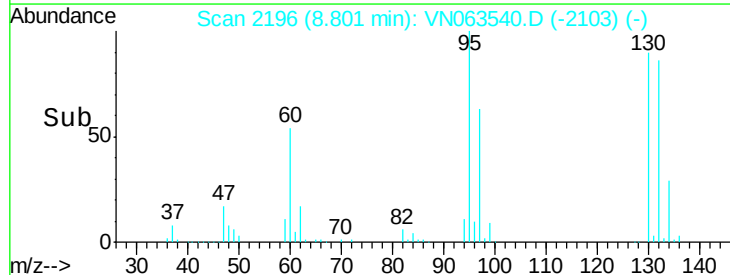
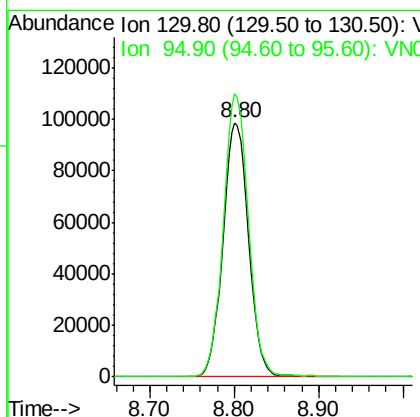
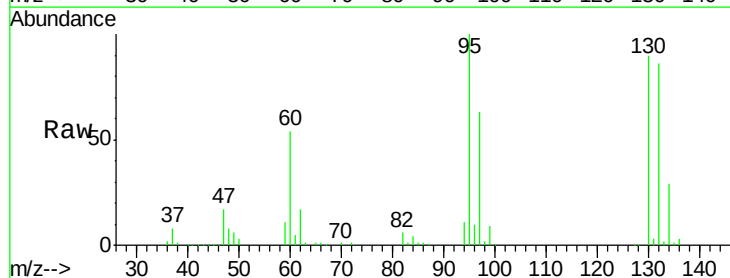
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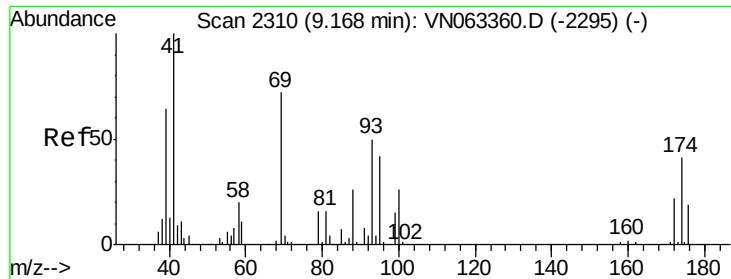
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#44
Trichloroethene
Concen: 67.855 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN063540.D
Acq: 22 Sep 2020 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	207483		
95	111.4	0.0	217.4	





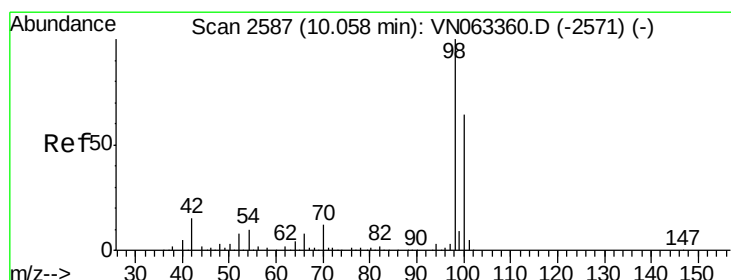
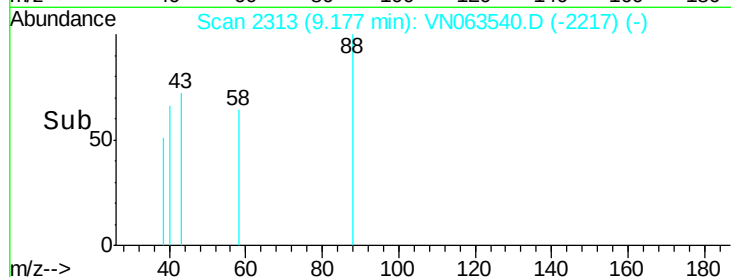
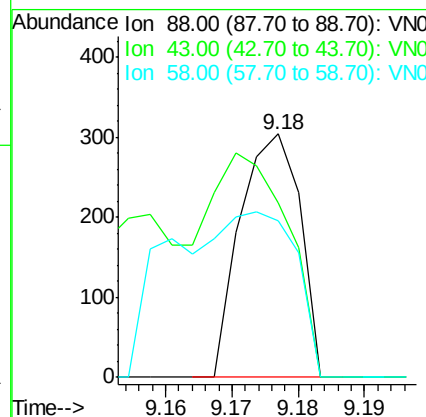
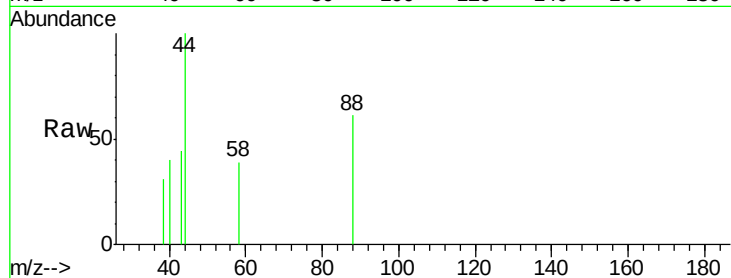
#49
1,4-Dioxane
Concen: 3.495 ug/l
RT: 9.18 min Scan# 2313
Delta R.T. 0.01 min
Lab File: VN063540.D
Acq: 22 Sep 2020 18:07

Instrument :
MSVOA_N
ClientSampleId :
RE125D2-20200916DL

Tot Ion	Ratio	Lower	Upper
88	100		
43	116.8	32.6	49.0#
58	142.9	60.0	90.0#

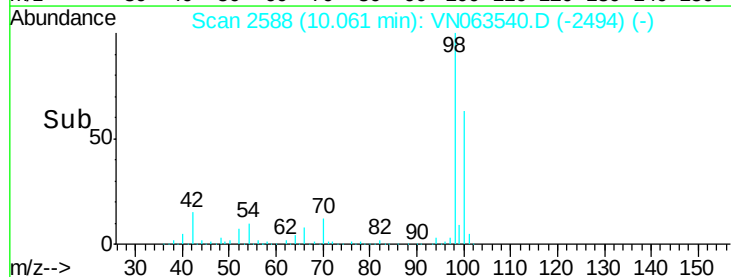
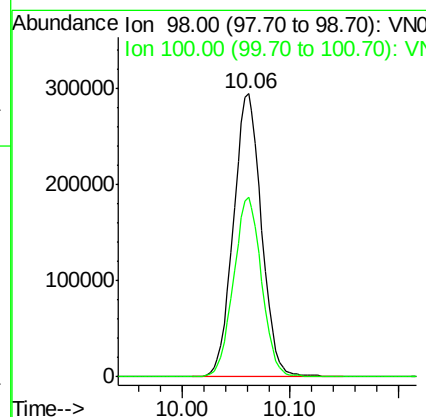
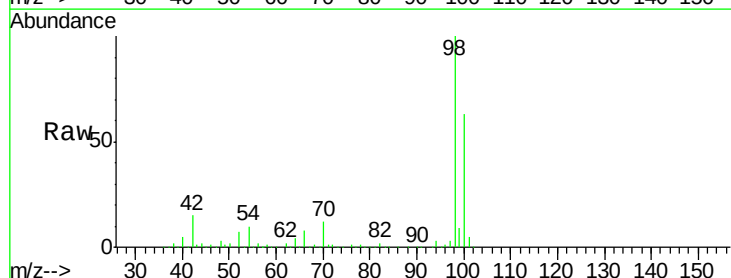
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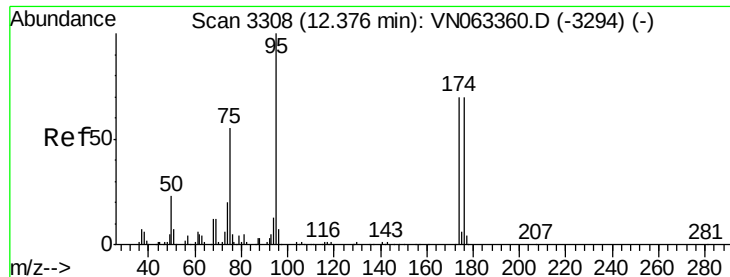
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#50
Toluene-d8
Concen: 49.502 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063540.D
Acq: 22 Sep 2020 18:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.7	76.1





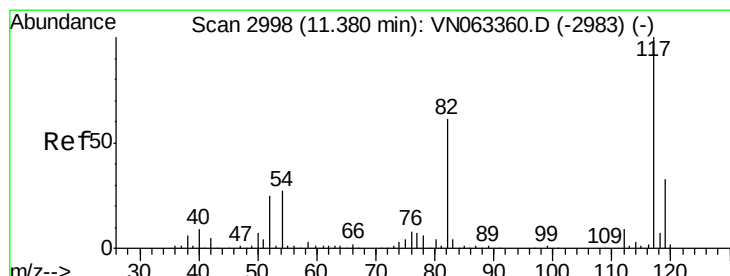
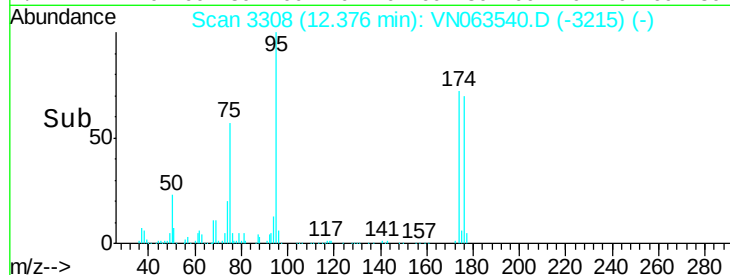
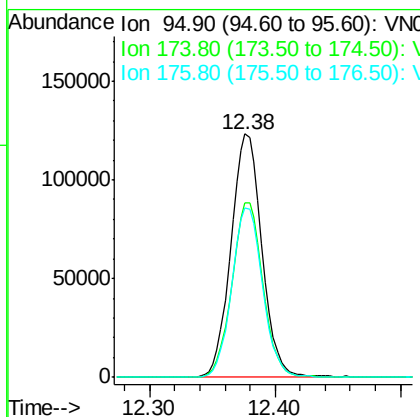
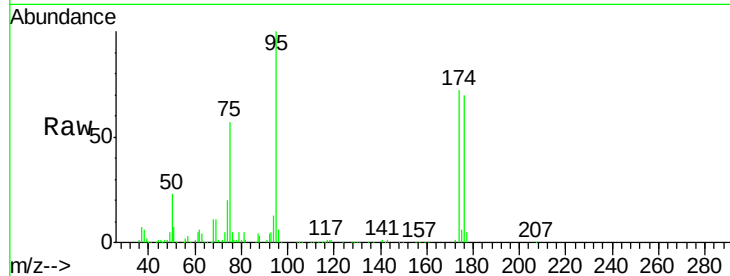
#62
4-Bromofluorobenzene
Concen: 53.313 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063540.D
Acq: 22 Sep 2020 18:07

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
95	100	210890		
174	71.9	0.0	140.8	
176	69.5	0.0	137.6	

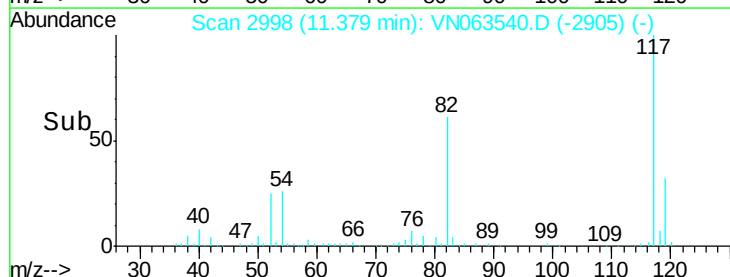
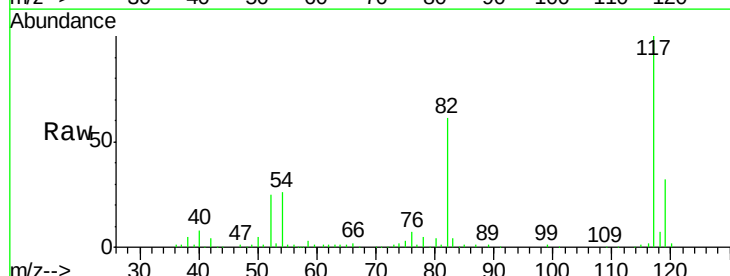
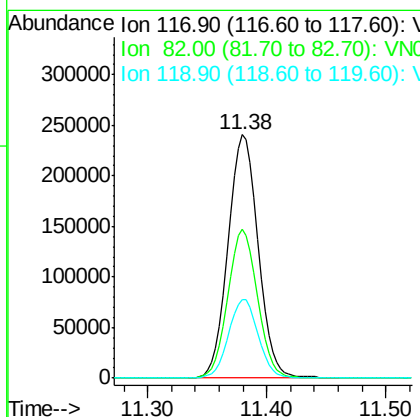
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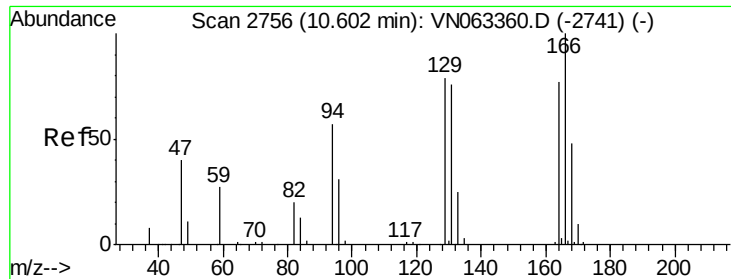
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063540.D
Acq: 22 Sep 2020 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	422258		
82	60.9	49.2	73.8	
119	32.3	26.2	39.4	





#64

Tetrachloroethene

Concen: 1.002 ug/l

RT: 10.60 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN063540.D

Acq: 22 Sep 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

RE125D2-20200916DL

Tot Ion:164 Resp: 2880

Ion Ratio Lower Upper

164 100

166 120.0 103.4 155.0

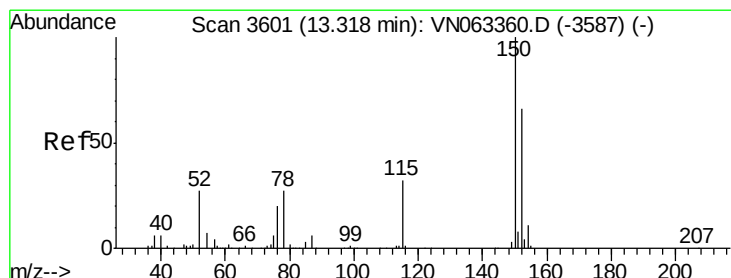
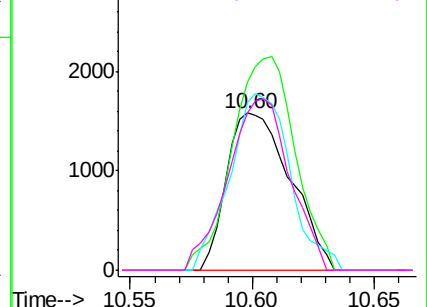
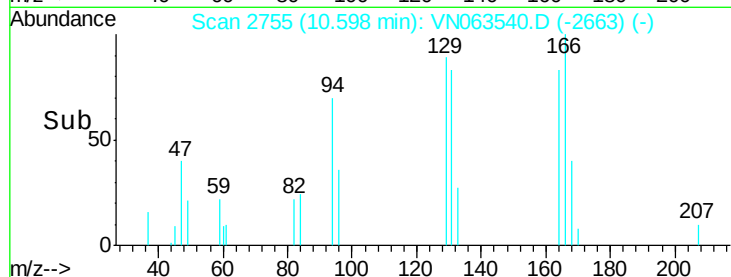
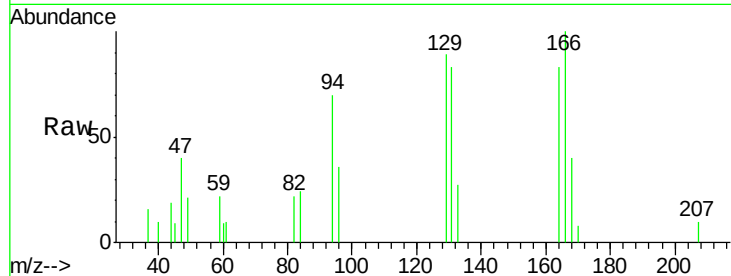
129 107.0 81.8 122.6

131 100.2 78.2 117.4

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063540.D

Acq: 22 Sep 2020 18:07

Tgt Ion:152 Resp: 177142

Ion Ratio Lower Upper

152 100

115 62.4 32.2 96.6

150 155.7 0.0 343.4

