

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063547.D
 Acq On : 22 Sep 2020 20:54
 Operator : JC/MD
 Sample : L4082-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D3-20200916

Manual Integrations
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Quant Time: Sep 23 05:15:45 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	218964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	409363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	412802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	171143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	182173	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
35) Dibromofluoromethane	7.55	113	133108	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
50) Toluene-d8	10.06	98	525053	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.38	95	208693	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
Target Compounds						
3) Chloromethane	2.04	50	2677	0.816	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	195995	80.340	ug/l	99
12) 1,1-Dichloroethene	3.71	96	2473m	1.001	ug/l	
27) cis-1,2-Dichloroethene	6.79	96	6936	2.238	ug/l	78
30) Chloroform	7.33	83	1779	0.326	ug/l	91
38) Carbon Tetrachloride	7.75	117	1819	0.409	ug/l #	85
44) Trichloroethene	8.80	130	544532	180.333	ug/l	99
64) Tetrachloroethene	10.60	164	18997	6.758	ug/l	94

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

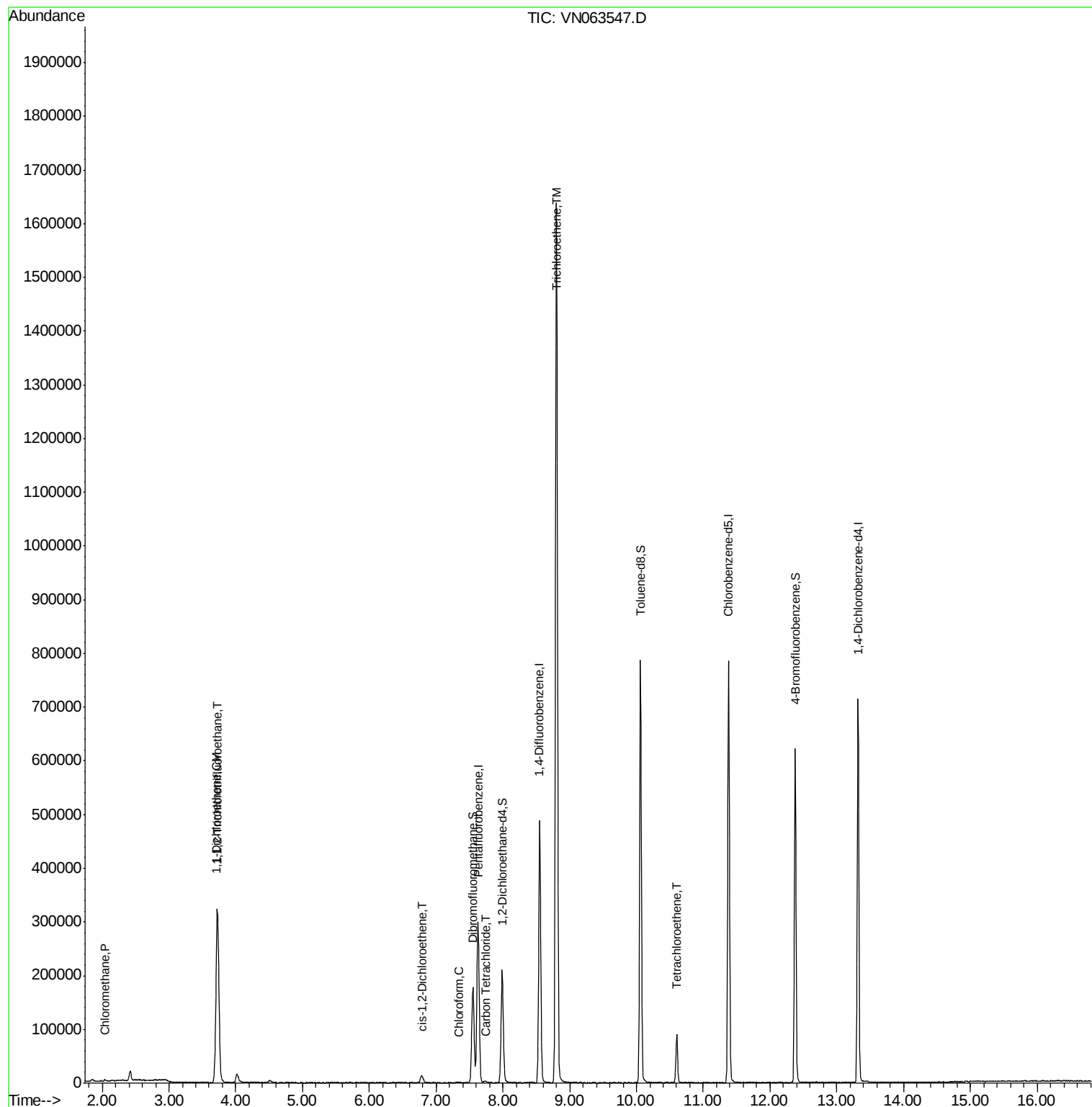
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
Data File : VN063547.D
Acq On : 22 Sep 2020 20:54
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Quant Time: Sep 23 05:15:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 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: VN063547.D

Acq: 22 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

RE125D3-20200916

Tot Ion:168 Resp: 218964

Ion Ratio Lower Upper

168 100

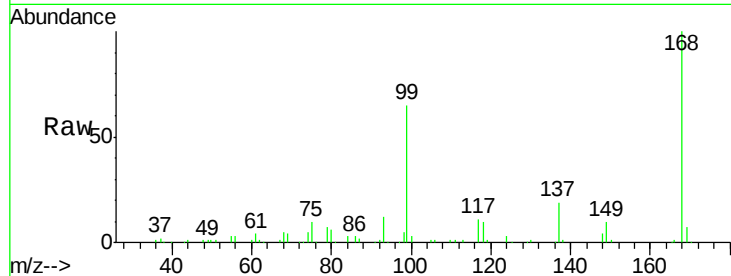
99 65.2 53.0 79.6

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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

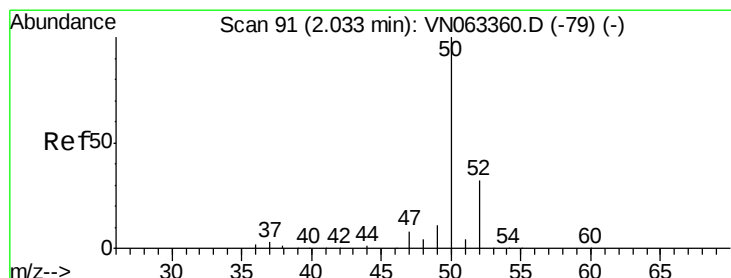
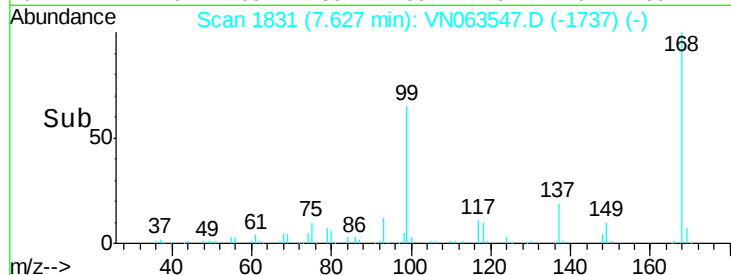
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.816 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063547.D

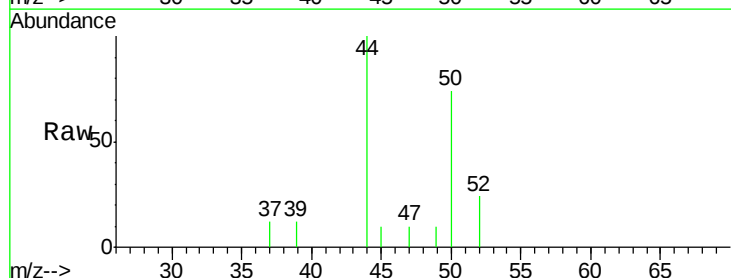
Acq: 22 Sep 2020 20:54

Tgt Ion: 50 Resp: 2677

Ion Ratio Lower Upper

50 100

52 32.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

2000

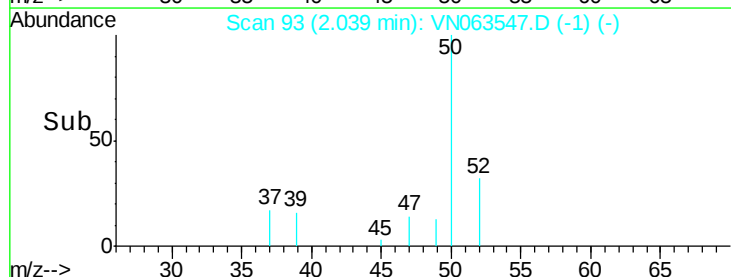
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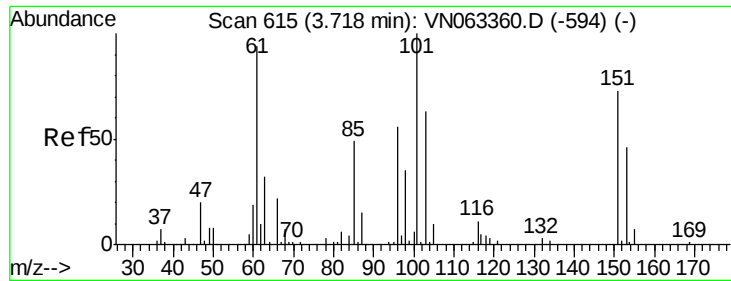
1000

500

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 80.340 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063547.D

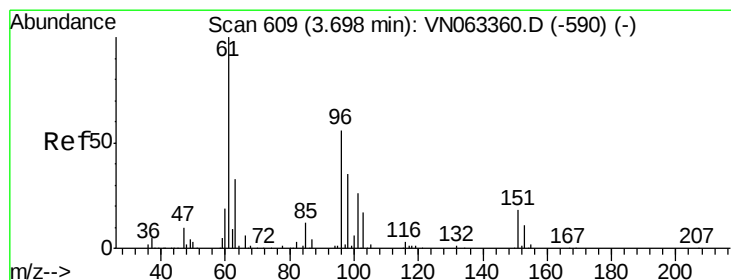
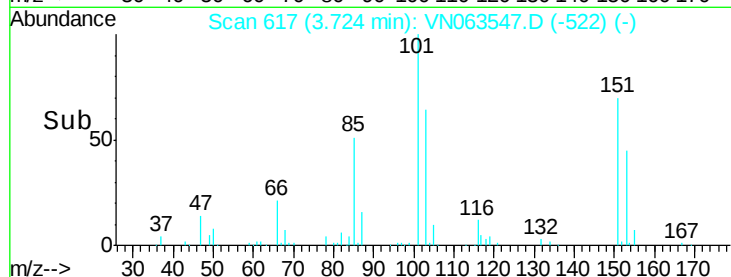
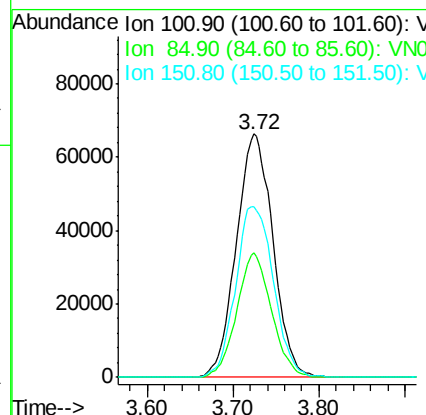
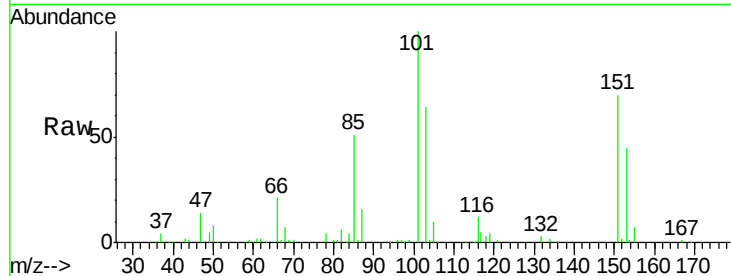
Acq: 22 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20200916

Tot Ion	Ratio	Resp	Lower	Upper
101	100	195995		
85	48.3	37.7	56.5	
151	72.5	57.7	86.5	

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#12

1,1-Dichloroethene

Concen: 1.001 ug/l m

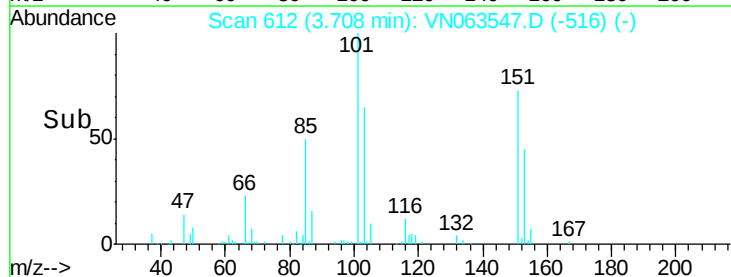
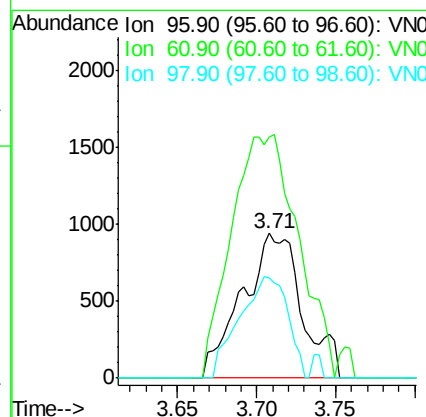
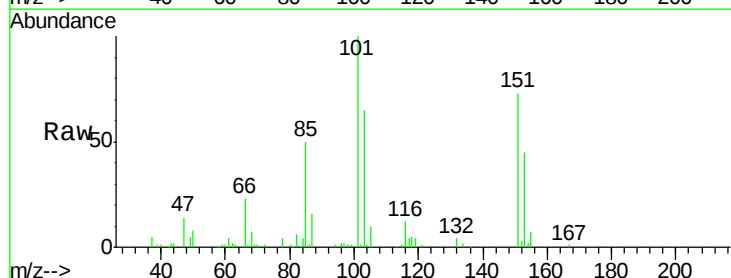
RT: 3.71 min Scan# 612

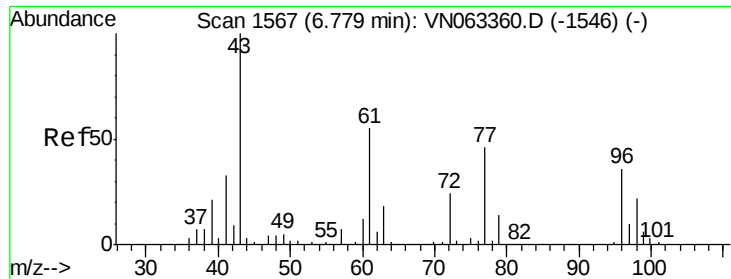
Delta R.T. 0.01 min

Lab File: VN063547.D

Acq: 22 Sep 2020 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	2473		
61	166.9	143.4	215.2	
98	68.9	50.6	76.0	





#27

cis-1,2-Dichloroethene

Concen: 2.238 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN063547.D

Acq: 22 Sep 2020 20:54

Instrument :

MSVOA_N

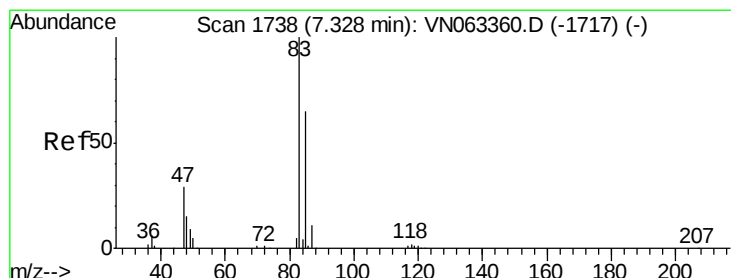
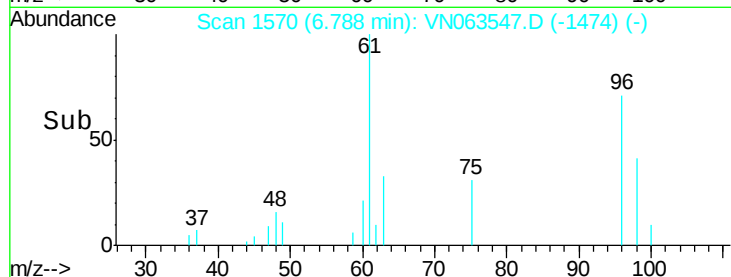
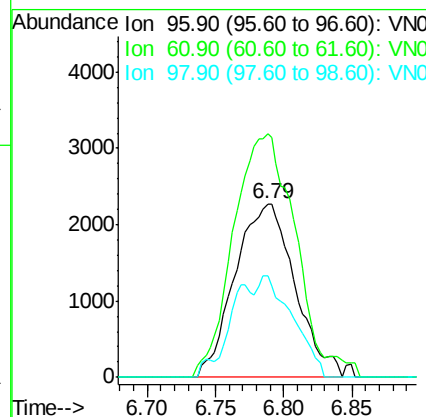
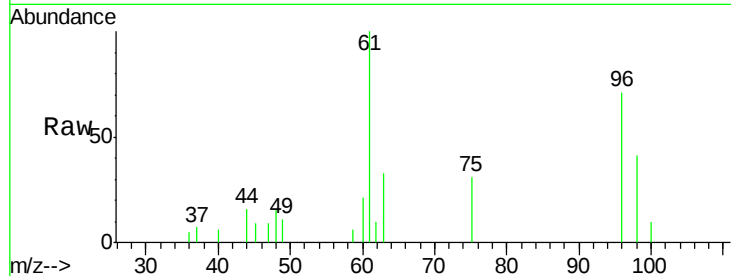
ClientSampleId :

RE125D3-20200916

Tot Ion:	96	Resp:	6936
Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	319.6
98	24.3	0.0	127.8

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#30

Chloroform

Concen: 0.326 ug/l

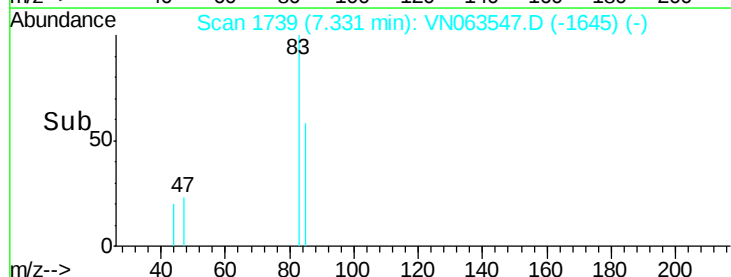
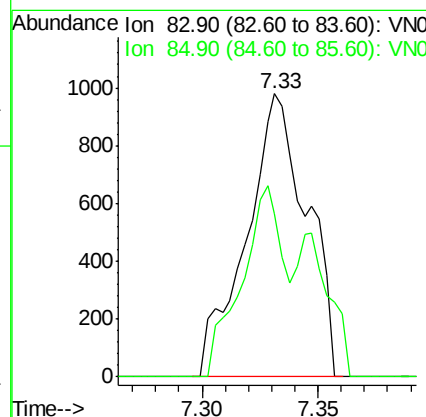
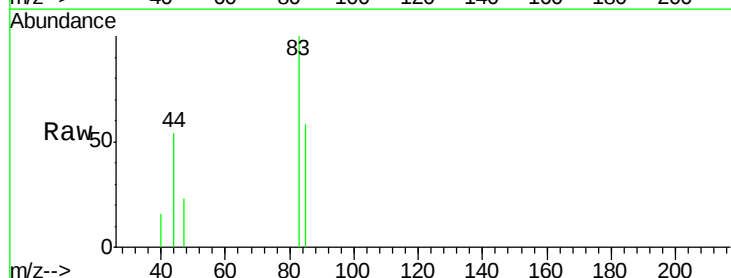
RT: 7.33 min Scan# 1739

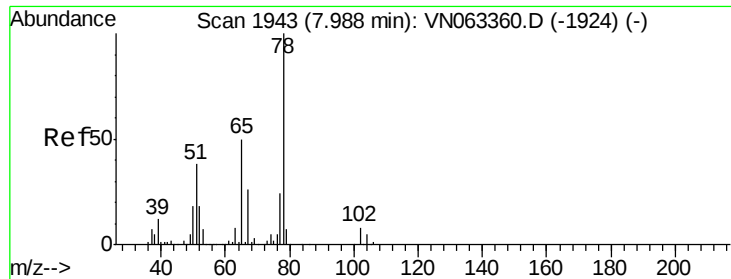
Delta R.T. 0.00 min

Lab File: VN063547.D

Acq: 22 Sep 2020 20:54

Tgt Ion:	83	Resp:	1779
Ion	Ratio	Lower	Upper
83	100		
85	57.7	52.1	78.1





#33

1,2-Dichloroethane-d4

Concen: 48.875 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063547.D

Acq: 22 Sep 2020 20:54

Instrument :

MSVOA_N

ClientSampleId :

RE125D3-20200916

Tot Ion: 65 Resp: 182173

Ion Ratio Lower Upper

65 100

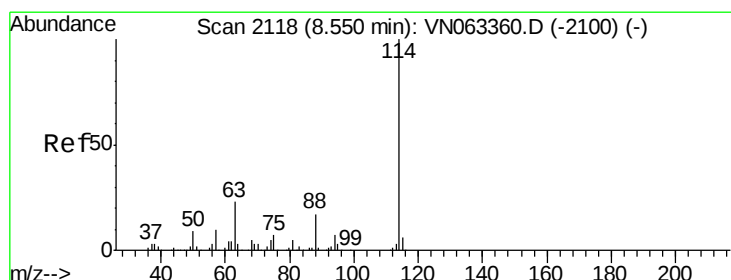
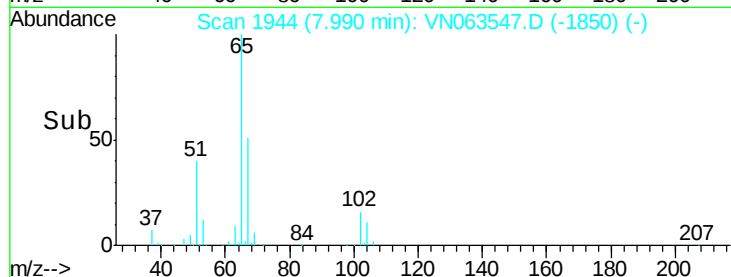
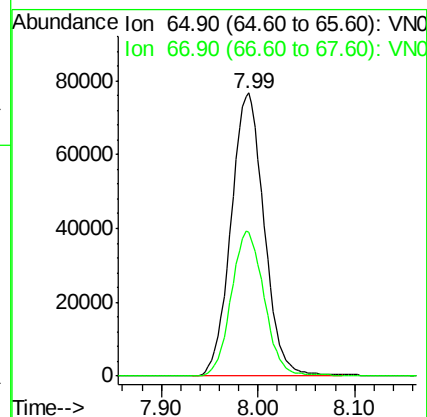
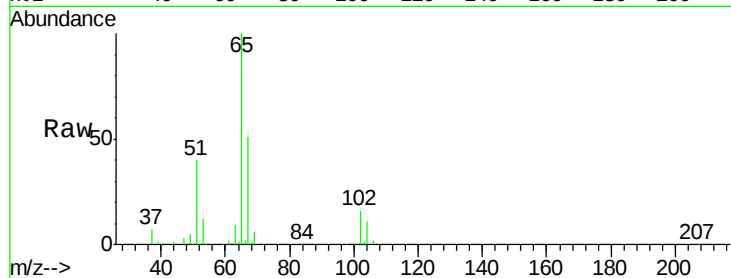
67 50.9 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063547.D

Acq: 22 Sep 2020 20:54

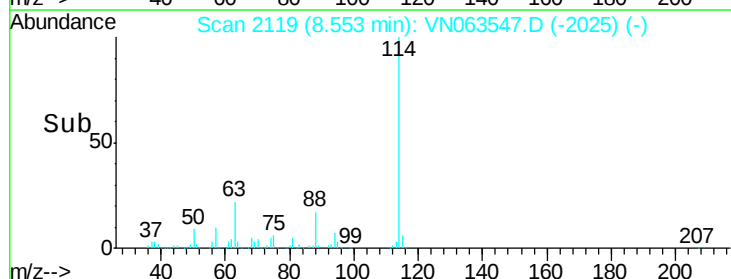
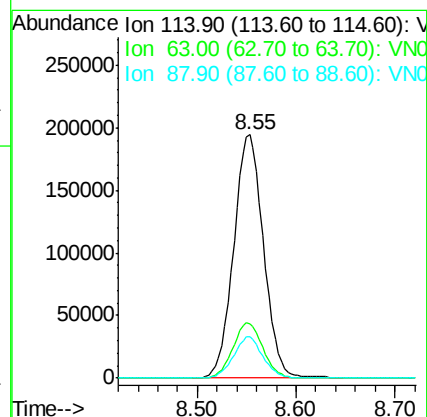
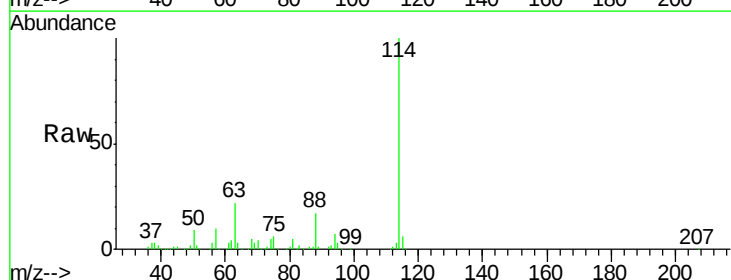
Tgt Ion: 114 Resp: 409363

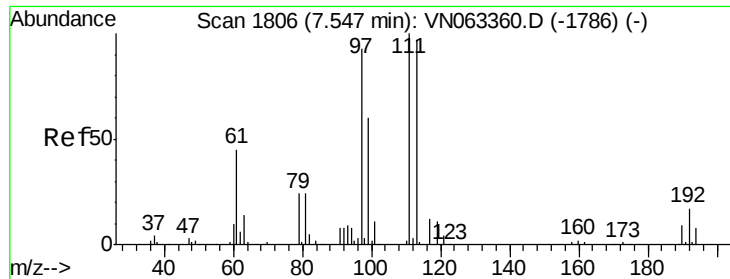
Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.4

88 16.8 0.0 33.2





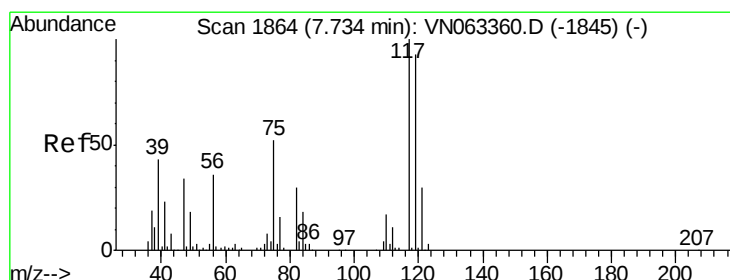
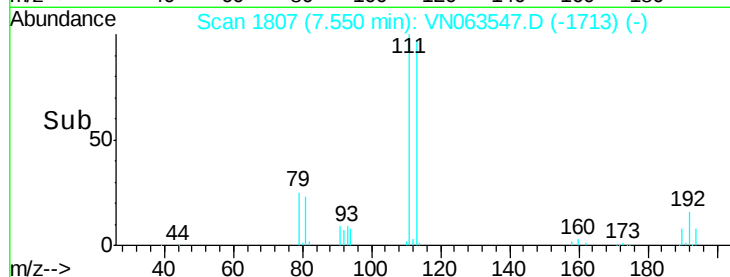
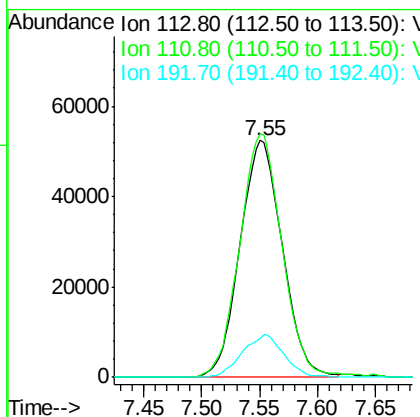
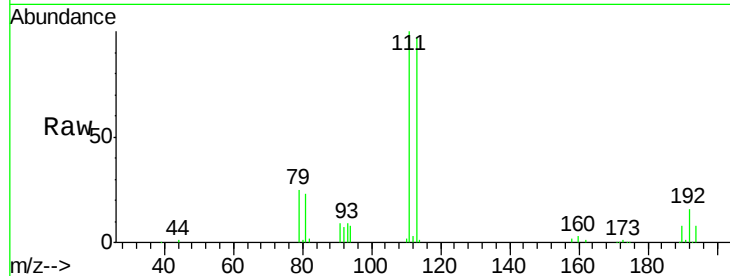
#35
 Dibromofluoromethane
 Concen: 46.969 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063547.D
 Acq: 22 Sep 2020 20:54

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D3-20200916

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.2	82.9	124.3	
192	17.8	13.9	20.9	

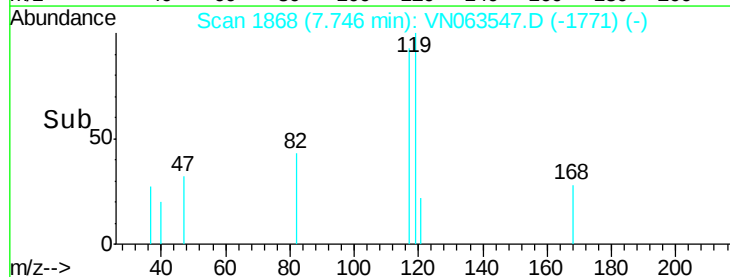
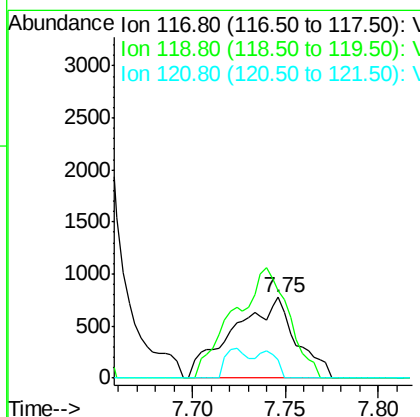
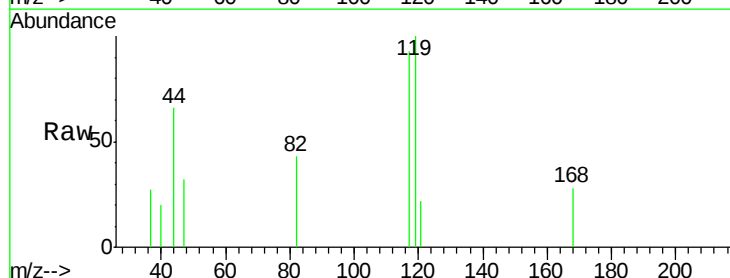
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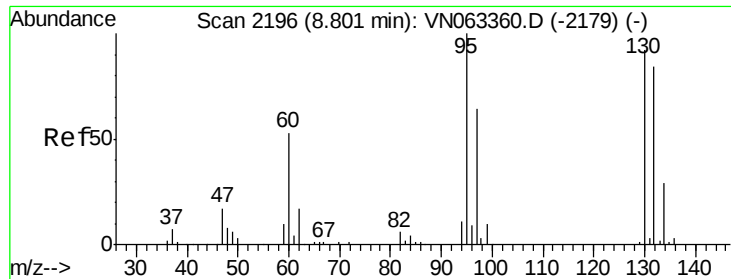
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#38
 Carbon Tetrachloride
 Concen: 0.409 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. 0.01 min
 Lab File: VN063547.D
 Acq: 22 Sep 2020 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	107.8	74.5	111.7	
121	23.3	24.1	36.1	





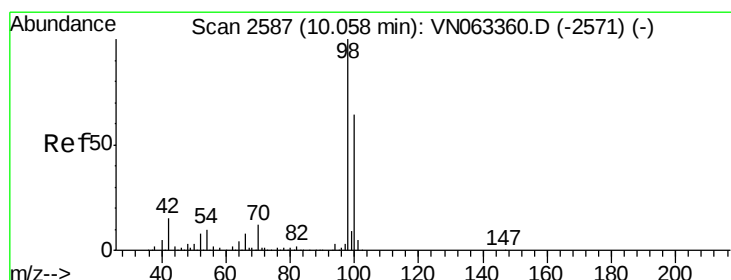
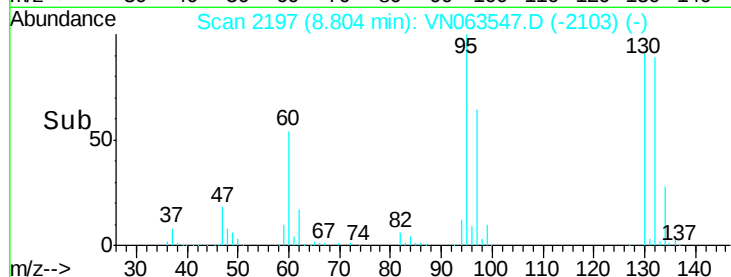
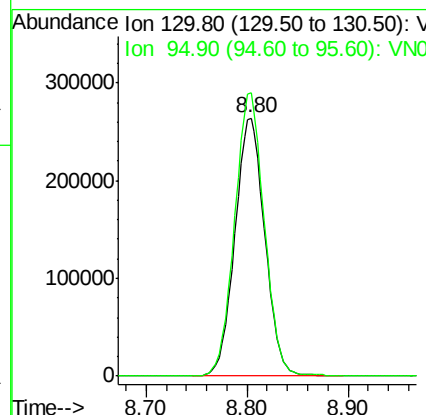
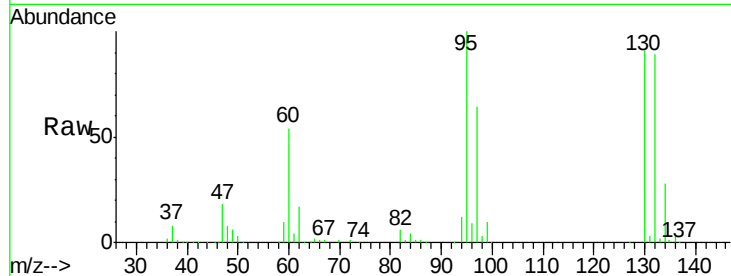
#44
 Trichloroethene
 Concen: 180.333 ug/l
 RT: 8.80 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN063547.D
 Acq: 22 Sep 2020 20:54

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D3-20200916

Tot Ion	Ratio	Resp	Lower	Upper
130	100	544532		
95	109.8	0.0	217.4	

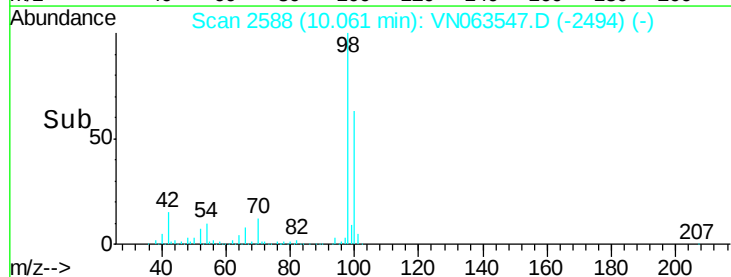
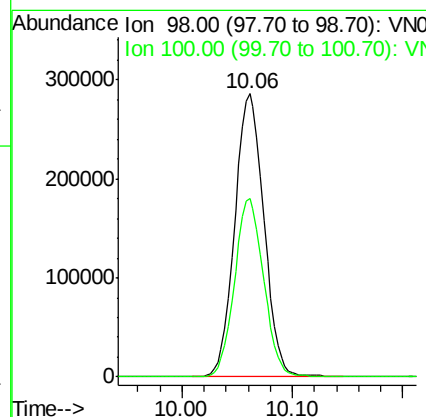
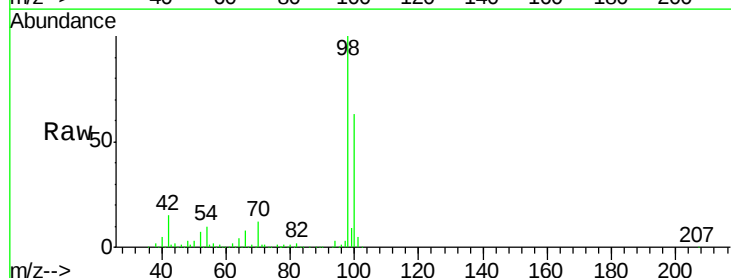
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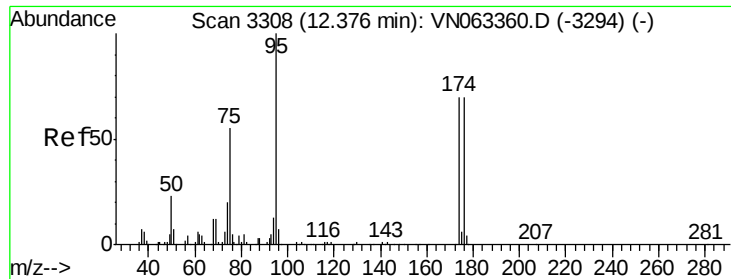
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#50
 Toluene-d8
 Concen: 49.272 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063547.D
 Acq: 22 Sep 2020 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	525053		
100	62.9	50.7	76.1	





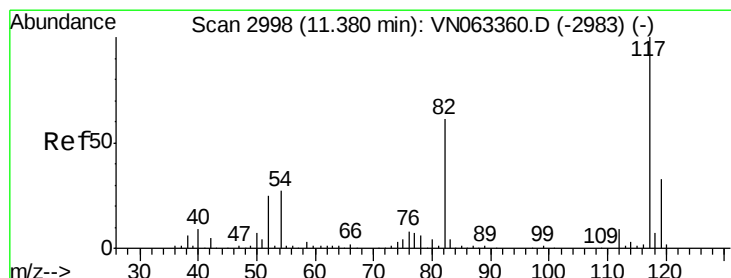
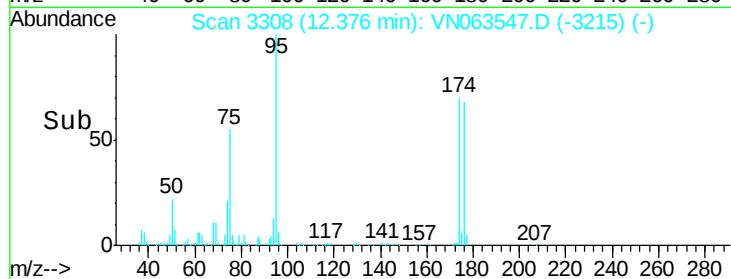
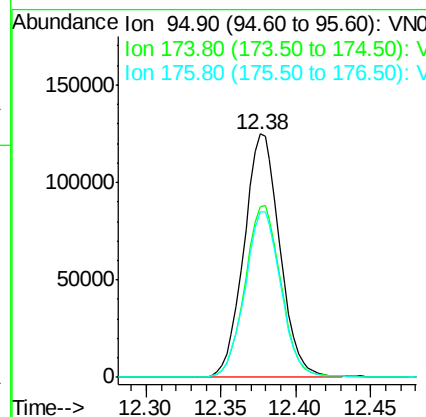
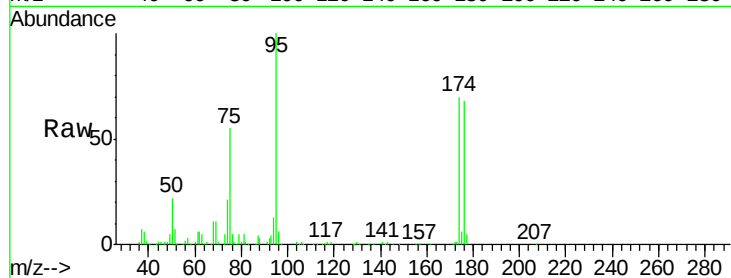
#62
4-Bromofluorobenzene
Concen: 53.424 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063547.D
Acq: 22 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20200916

Tot Ion	Ratio	Resp	Lower	Upper
95	100	208693		
174	71.1	0.0	140.8	
176	68.6	0.0	137.6	

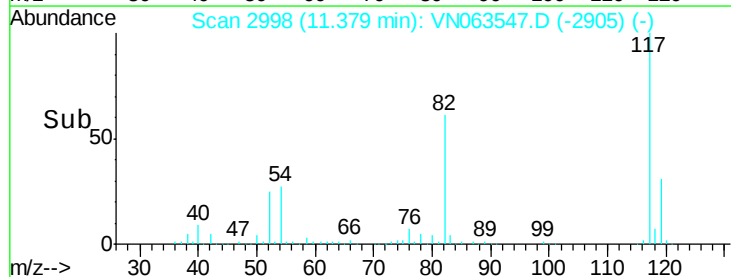
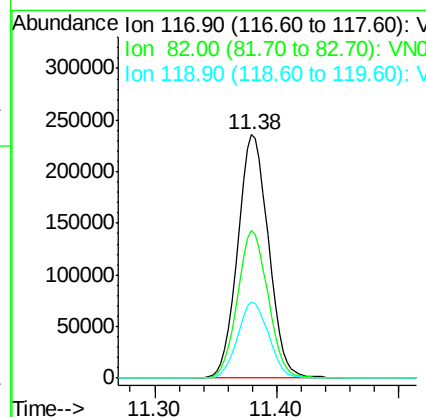
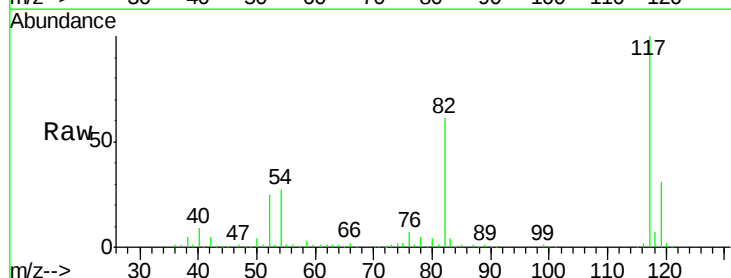
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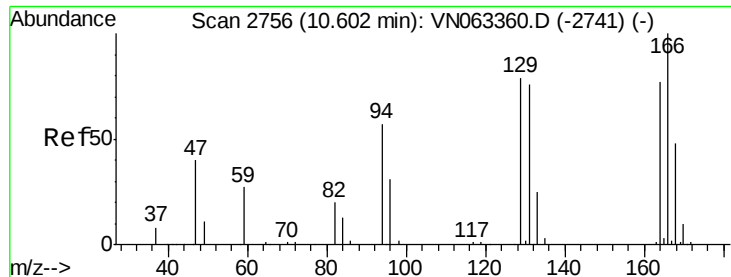
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063547.D
Acq: 22 Sep 2020 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	412802		
82	60.6	49.2	73.8	
119	31.3	26.2	39.4	





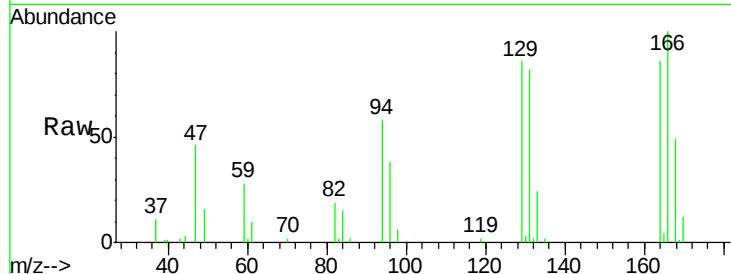
#64
Tetrachloroethene
Concen: 6.758 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063547.D
Acq: 22 Sep 2020 20:54

Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20200916

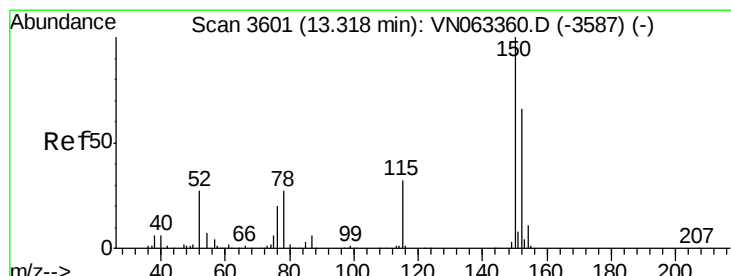
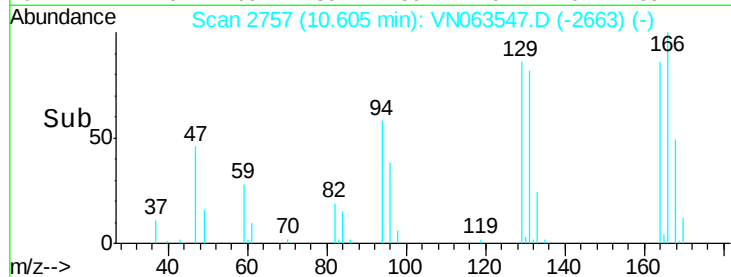
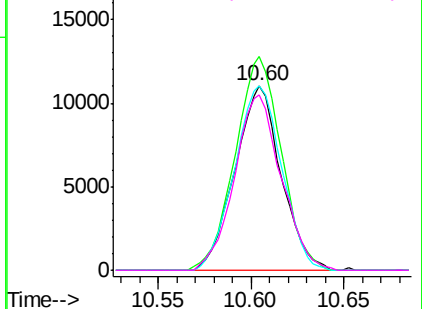
Tot Ion	Ratio	Lower	Upper
164	100		
166	115.8	103.4	155.0
129	99.6	81.8	122.6
131	95.2	78.2	117.4

Manual Integrations
APPROVED

MMDadoda
9/23/2020 1:06:29 PM

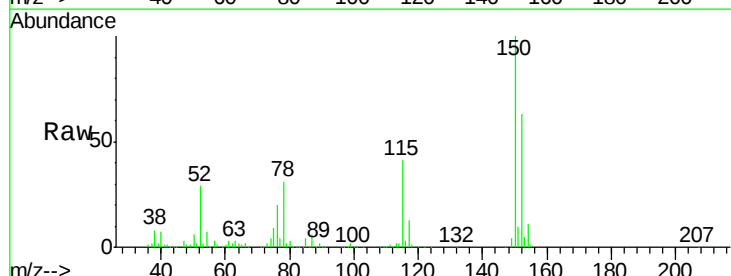


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063547.D
Acq: 22 Sep 2020 20:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.3	32.2	96.6
150	160.0	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

