

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063596.D
 Acq On : 23 Sep 2020 18:06
 Operator : JC/MD
 Sample : L4083-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D1-20200916

Manual Integrations
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MMDadoda
 9/24/2020 1:38:00 PM

Quant Time: Sep 24 03:55:57 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	207053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	388513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	402979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	165406	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	179437	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
35) Dibromofluoromethane	7.55	113	130268	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
50) Toluene-d8	10.06	98	516830	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.38	95	197020	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.84	85	1352	0.576	ug/l #	71
3) Chloromethane	2.04	50	1913	0.616	ug/l	96
7) Trichlorofluoromethane	2.99	101	1516	0.370	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.72	101	67519	29.269	ug/l	99
12) 1,1-Dichloroethene	3.70	96	37944	16.239	ug/l	96
24) 1,1-Dichloroethane	5.80	63	10335	2.008	ug/l #	87
27) cis-1,2-Dichloroethene	6.78	96	11918	4.067	ug/l	89
30) Chloroform	7.33	83	4398	0.852	ug/l	96
38) Carbon Tetrachloride	7.73	117	2920	0.691	ug/l	87
44) Trichloroethene	8.80	130	3106232	1083.899	ug/l	99
49) 1,4-Dioxane	9.17	88	1179m	23.021	ug/l	
55) 1,1,2-Trichloroethane	10.54	97	3046	1.079	ug/l #	90
64) Tetrachloroethene	10.61	164	13457	4.904	ug/l	98

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

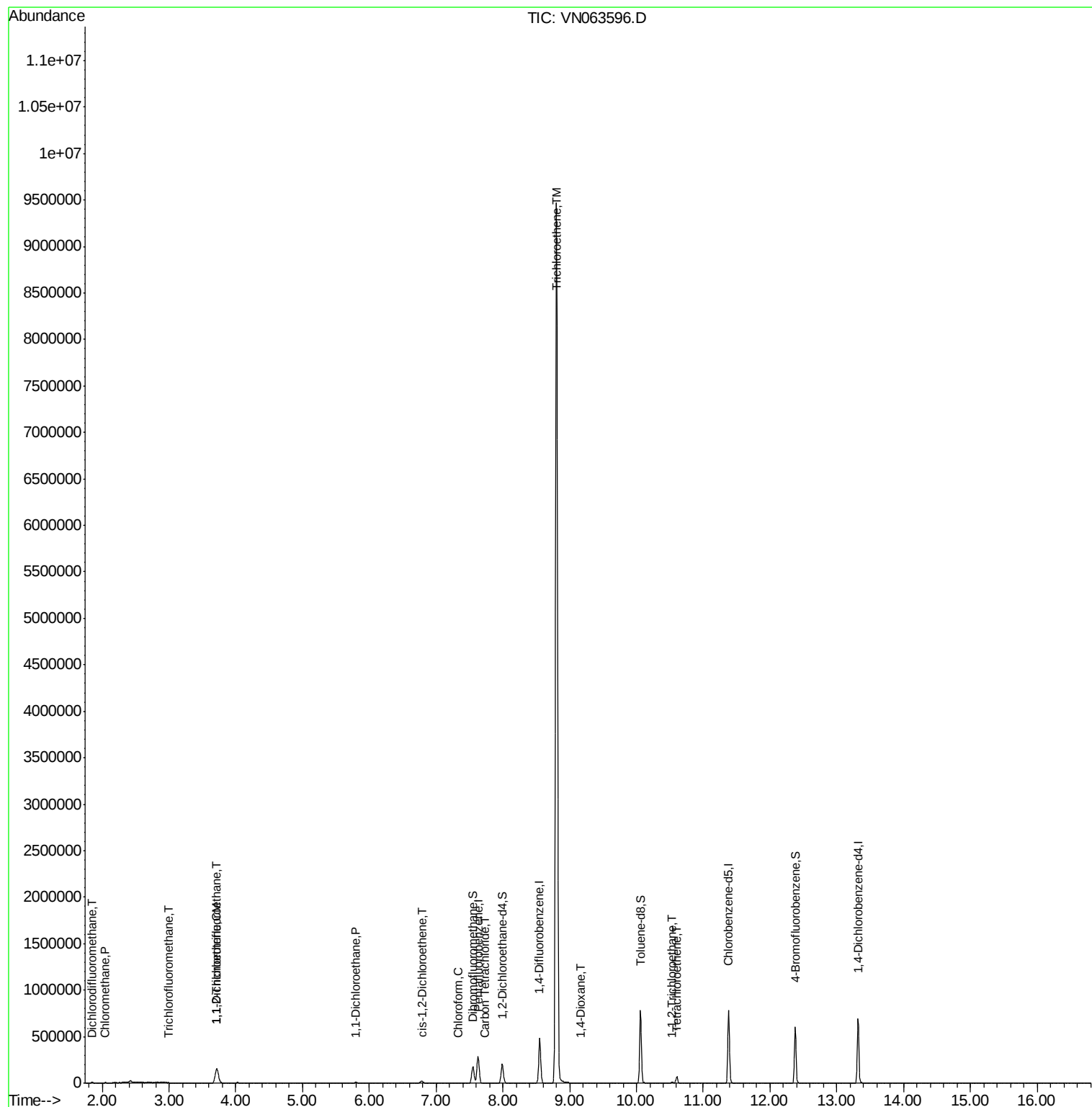
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092320\
Data File : VN063596.D
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Quant Time: Sep 24 03:55:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063596.D

Acq: 23 Sep 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

RE120D1-20200916

Tot Ion:168 Resp: 207053

Ion Ratio Lower Upper

168 100

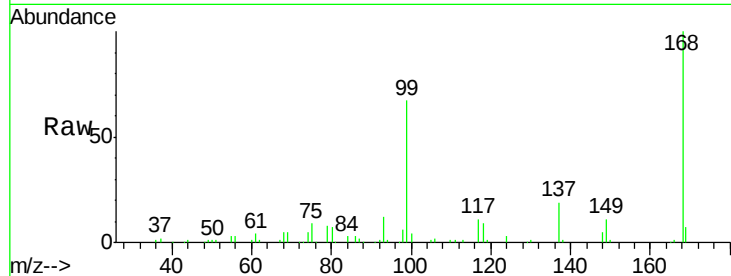
99 66.3 53.0 79.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

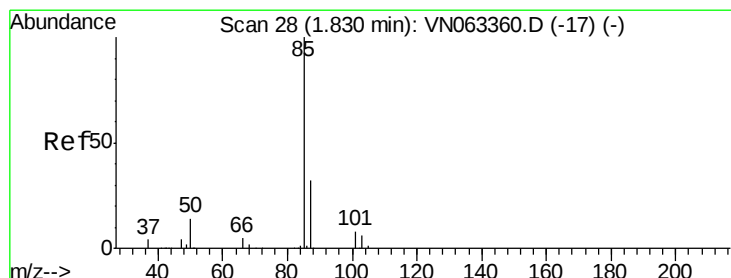
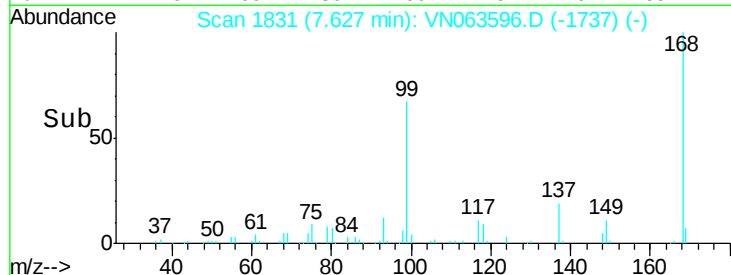
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 0.576 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.01 min

Lab File: VN063596.D

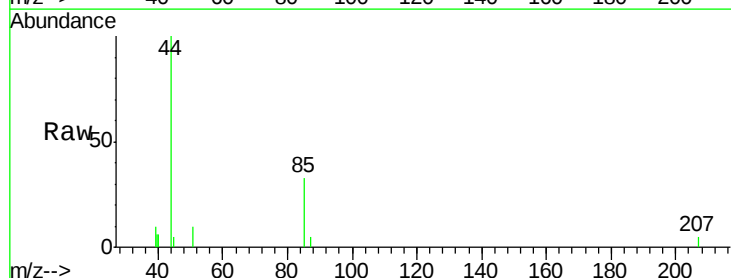
Acq: 23 Sep 2020 18:06

Tgt Ion: 85 Resp: 1352

Ion Ratio Lower Upper

85 100

87 15.5 15.9 47.6#



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

1200

1000

800

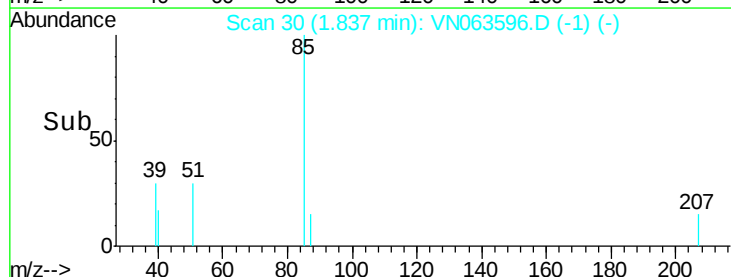
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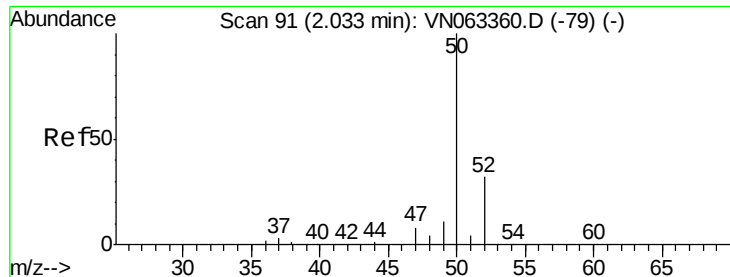
400

200

0

Time--> 1.80 1.82 1.84 1.86





#3

Chloromethane

Concen: 0.616 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063596.D

Acq: 23 Sep 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

RE120D1-20200916

Tot Ion: 50 Resp: 1913

Ion Ratio Lower Upper

50 100

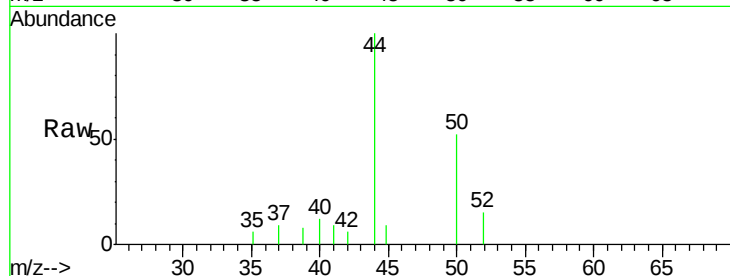
52 30.0 25.9 38.9

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Abundance Ion 49.90 (49.60 to 50.60): VN063596.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN063596.D (-1) (-)

2.04

1500

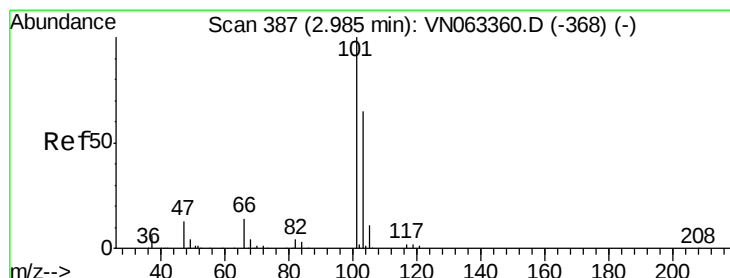
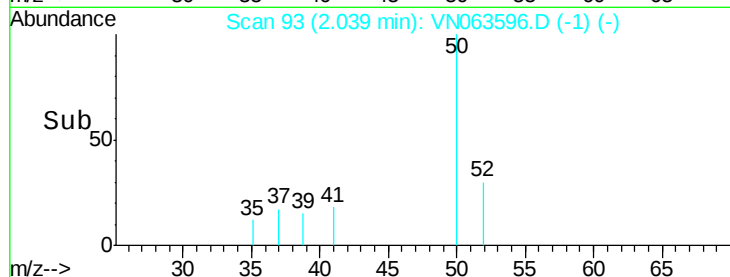
1000

500

0

2.00 2.05

Time-->



#7

Trichlorofluoromethane

Concen: 0.370 ug/l

RT: 2.99 min Scan# 388

Delta R.T. 0.00 min

Lab File: VN063596.D

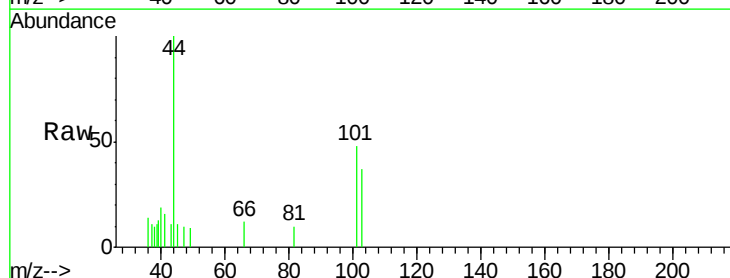
Acq: 23 Sep 2020 18:06

Tgt Ion: 101 Resp: 1516

Ion Ratio Lower Upper

101 100

103 76.1 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): VN063596.D (-294) (-)

Ion 102.80 (102.50 to 103.50): VN063596.D (-294) (-)

2.99

1000

800

600

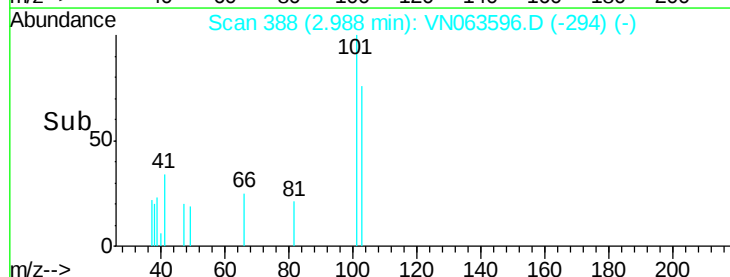
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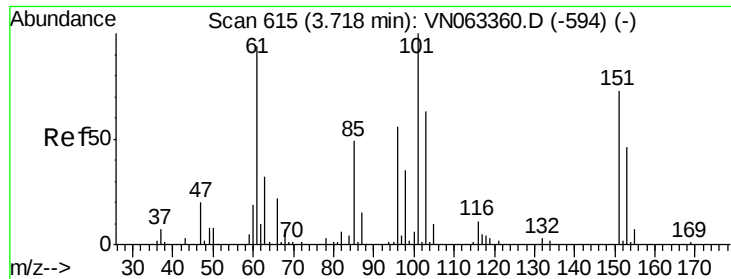
200

0

2.95 3.00

Time-->





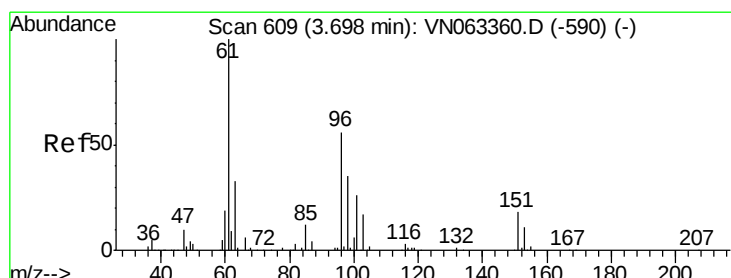
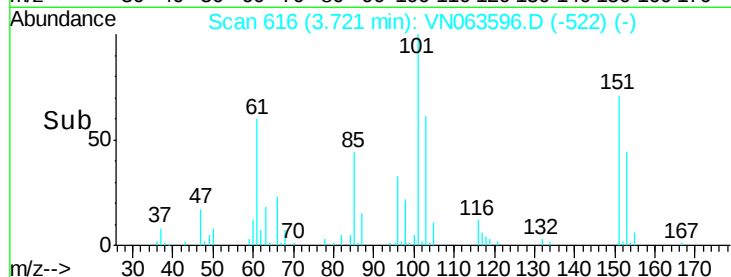
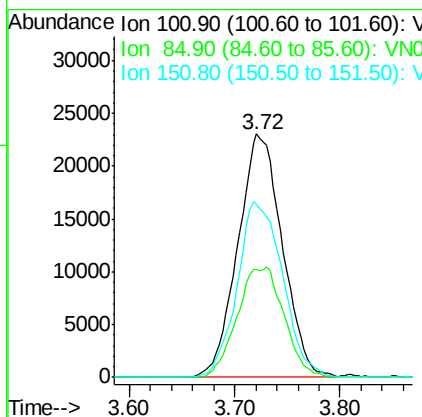
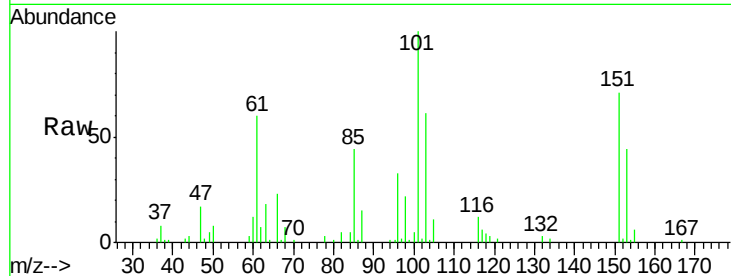
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 29.269 ug/l
 RT: 3.72 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: VN063596.D
 Acq: 23 Sep 2020 18:06

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D1-20200916

Tot Ion	Ratio	Lower	Upper
101	100		
85	47.4	37.7	56.5
151	73.6	57.7	86.5

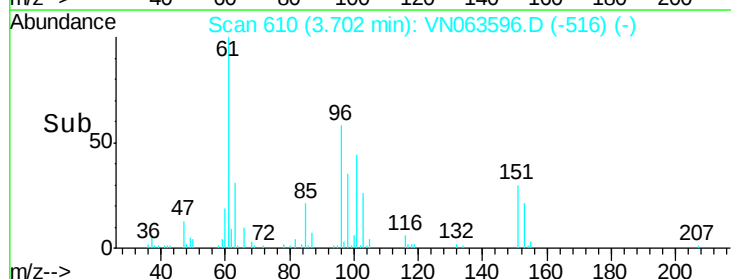
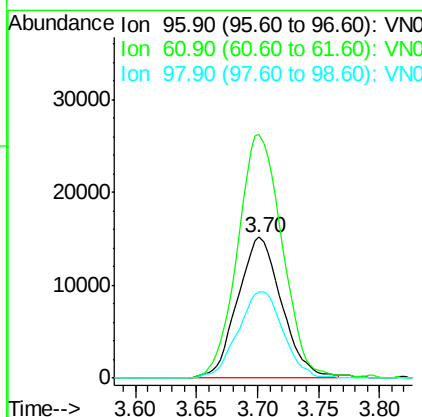
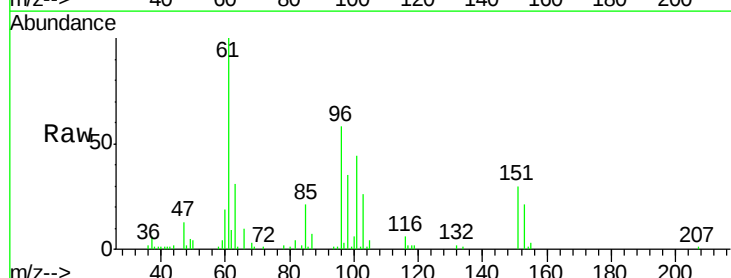
Manual Integrations
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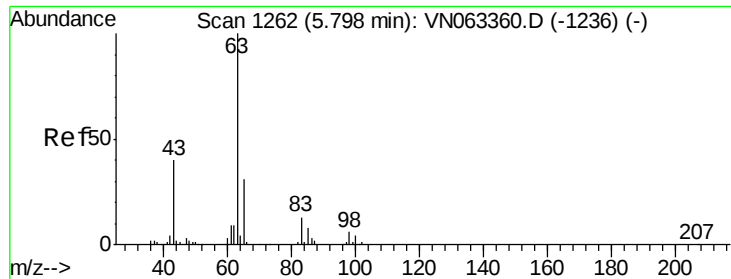
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#12
 1,1-Dichloroethene
 Concen: 16.239 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063596.D
 Acq: 23 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.6	143.4	215.2
98	61.0	50.6	76.0





#24

1,1-Dichloroethane

Concen: 2.008 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063596.D

Acq: 23 Sep 2020 18:06

Instrument :

MSVOA_N

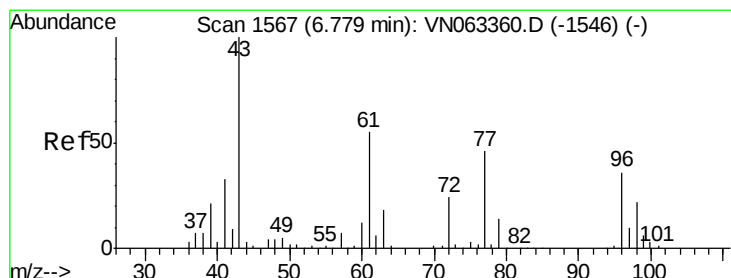
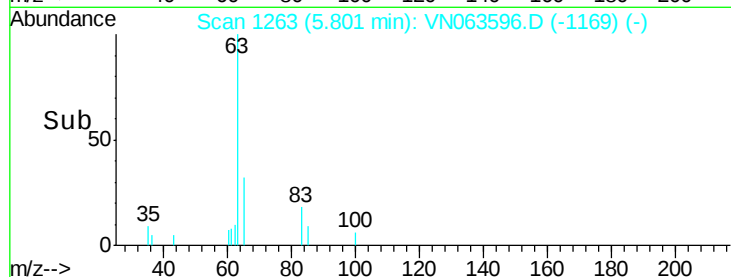
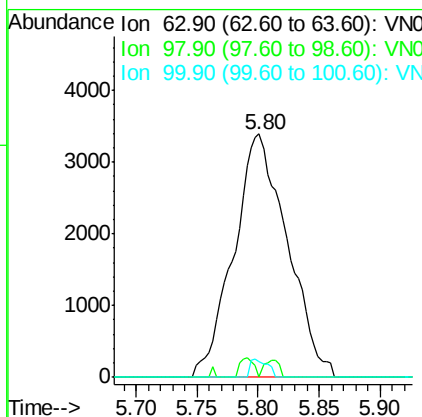
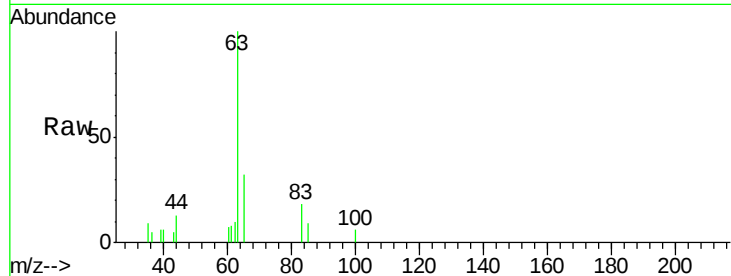
ClientSampleId :

RE120D1-20200916

Tot Ion:	63	Resp:	10335
Ion Ratio	Lower	Upper	
63	100		
98	0.0	2.9	8.8#
100	6.4	2.1	6.3#

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#27

cis-1,2-Dichloroethene

Concen: 4.067 ug/l

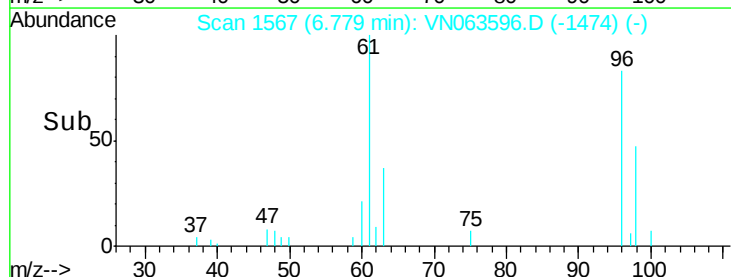
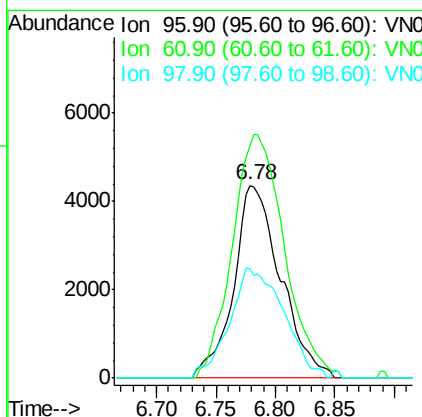
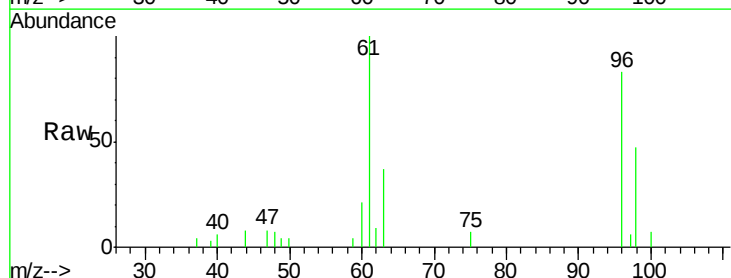
RT: 6.78 min Scan# 1567

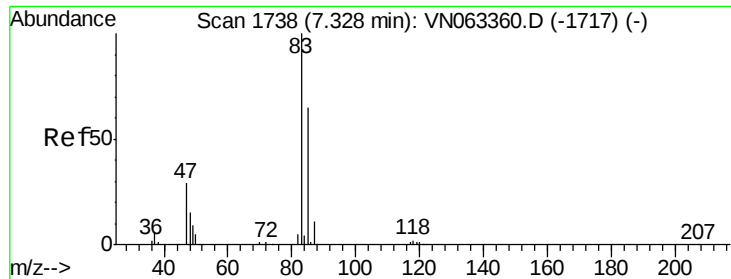
Delta R.T. 0.00 min

Lab File: VN063596.D

Acq: 23 Sep 2020 18:06

Tgt Ion:	96	Resp:	11918
Ion Ratio	Lower	Upper	
96	100		
61	140.3	0.0	319.6
98	65.6	0.0	127.8





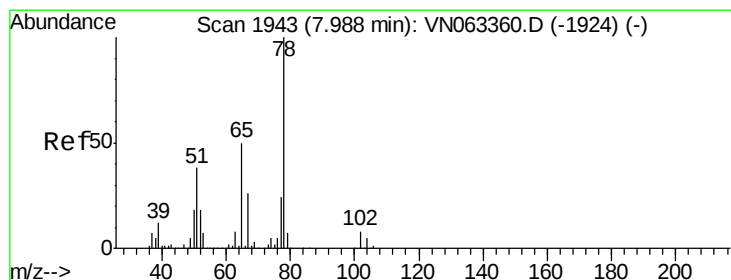
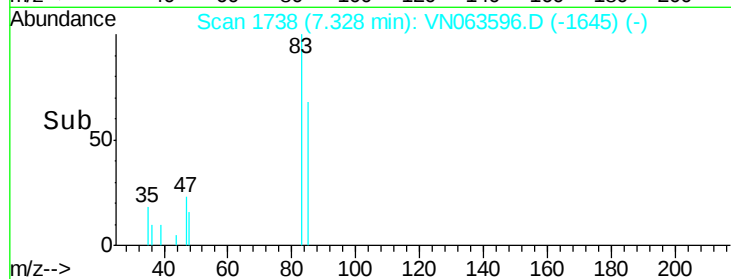
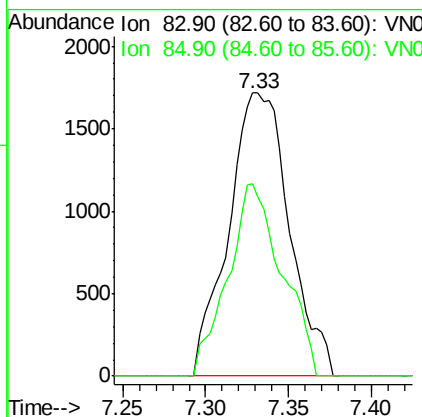
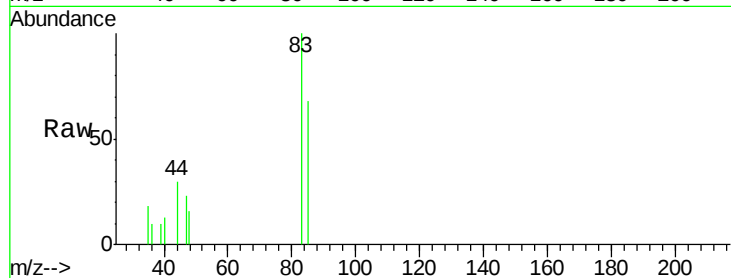
#30
Chloroform
Concen: 0.852 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063596.D
Acq: 23 Sep 2020 18:06

Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20200916

Tot Ion	83	Resp	4398
Ion Ratio	100	Lower	Upper
85	68.0	52.1	78.1

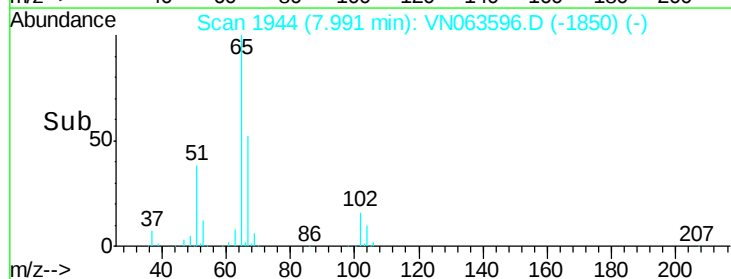
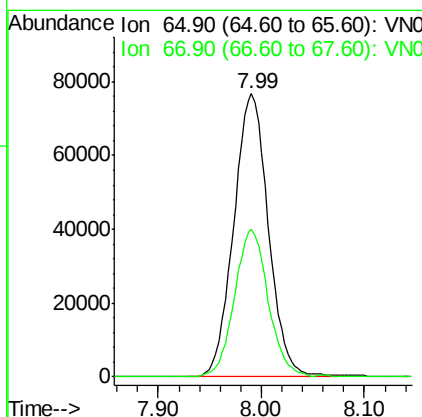
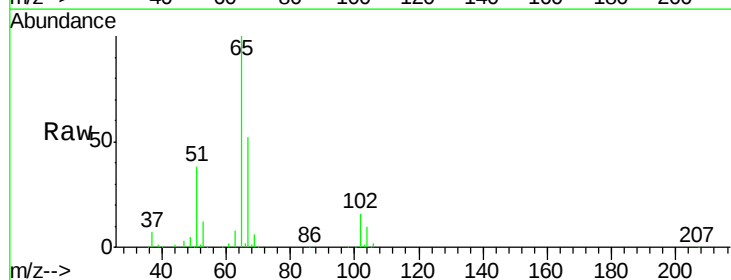
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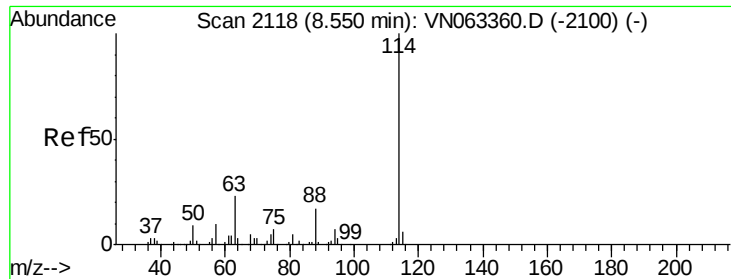
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#33
1,2-Dichloroethane-d4
Concen: 50.910 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN063596.D
Acq: 23 Sep 2020 18:06

Tgt Ion	65	Resp	179437
Ion Ratio	100	Lower	Upper
67	50.7	0.0	104.2





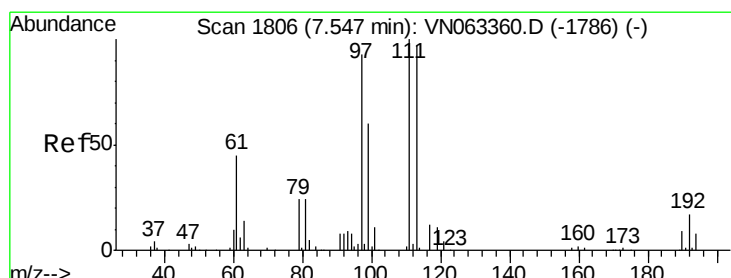
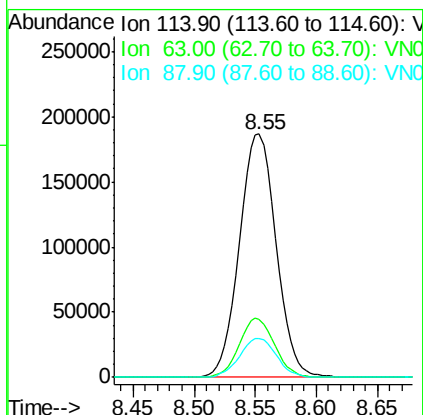
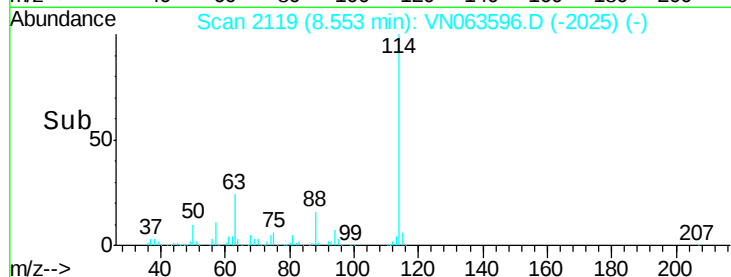
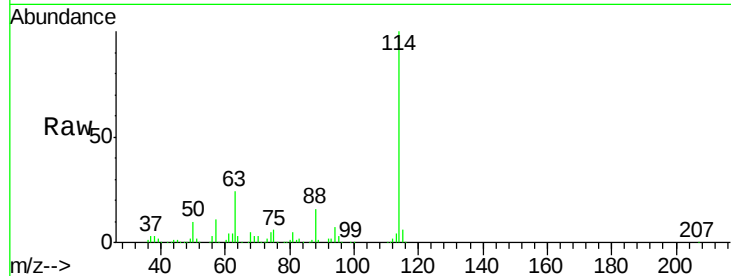
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063596.D
 Acq: 23 Sep 2020 18:06

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D1-20200916

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	23.7	0.0	46.4
88	16.1	0.0	33.2

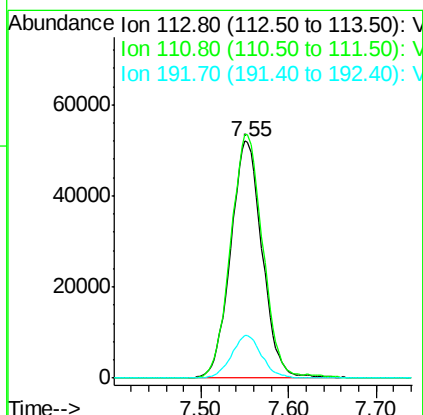
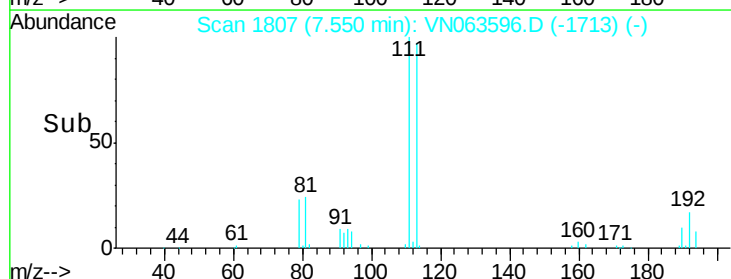
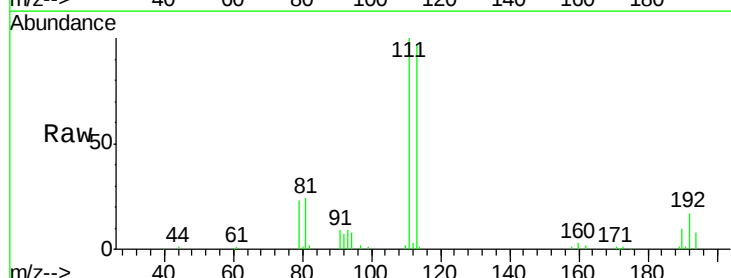
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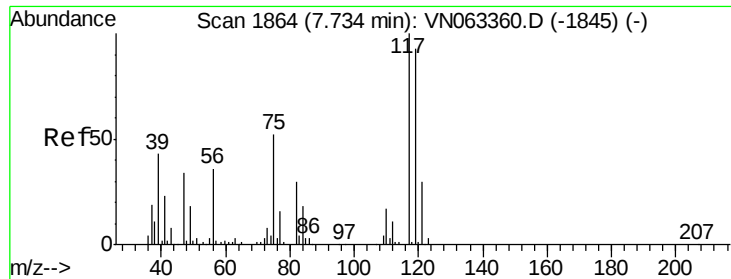
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#35
 Dibromofluoromethane
 Concen: 48.434 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063596.D
 Acq: 23 Sep 2020 18:06

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.9	82.9	124.3
192	17.2	13.9	20.9





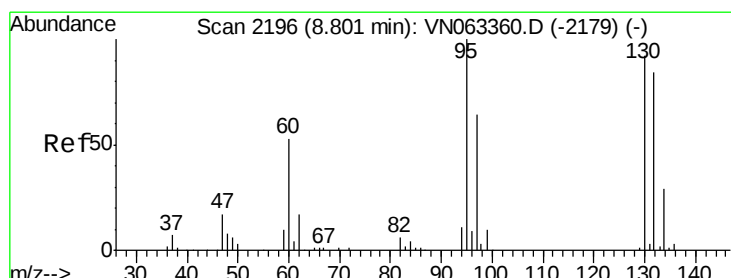
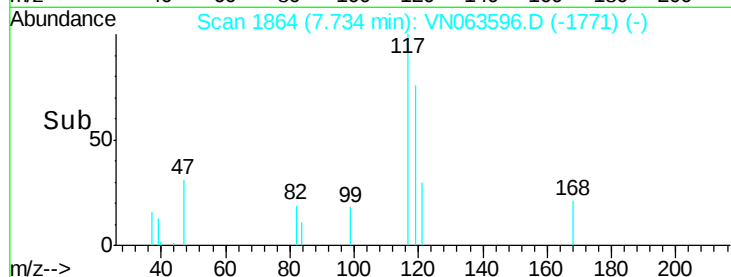
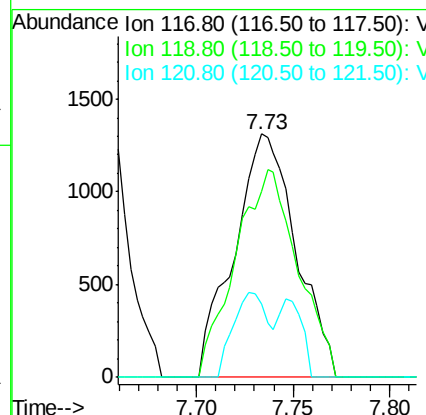
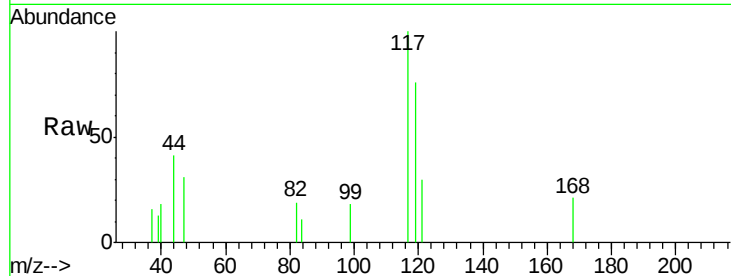
#38
Carbon Tetrachloride
Concen: 0.691 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063596.D
Acq: 23 Sep 2020 18:06

Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20200916

Tot Ion	Ratio	Lower	Upper
117	100		
119	76.2	74.5	111.7
121	30.4	24.1	36.1

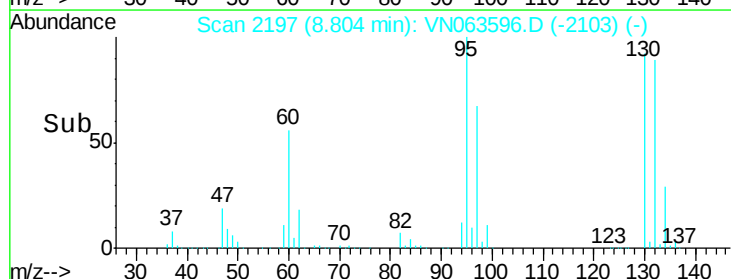
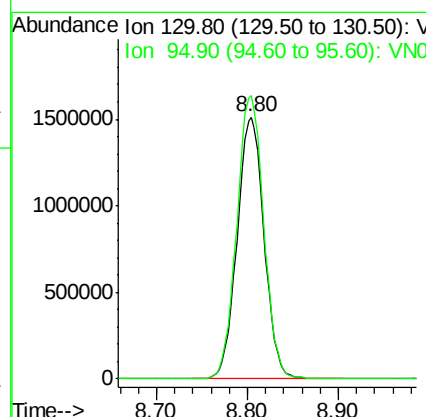
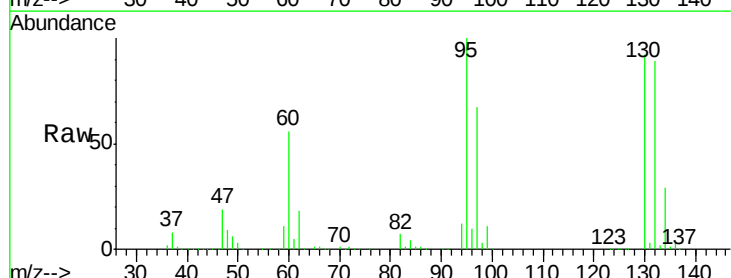
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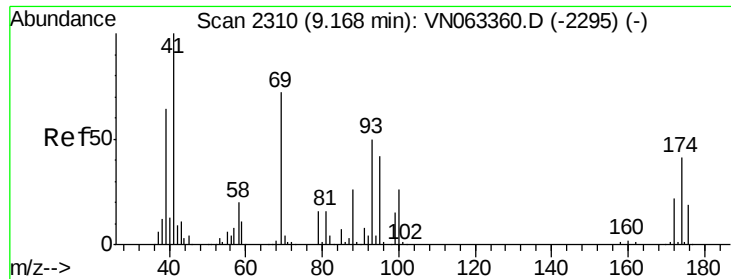
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#44
Trichloroethene
Concen: 1083.899 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN063596.D
Acq: 23 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	108.1	0.0	217.4





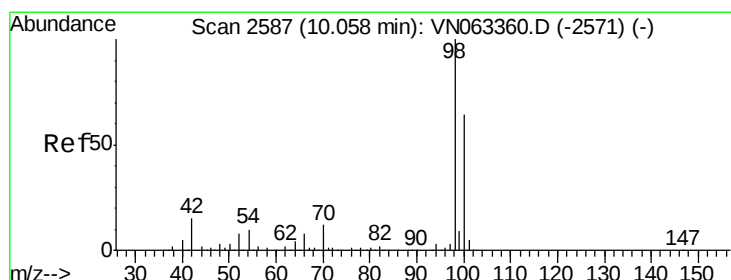
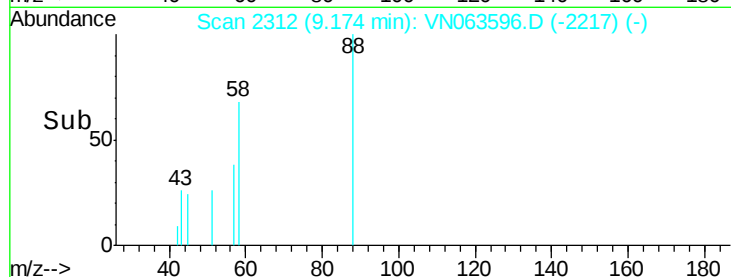
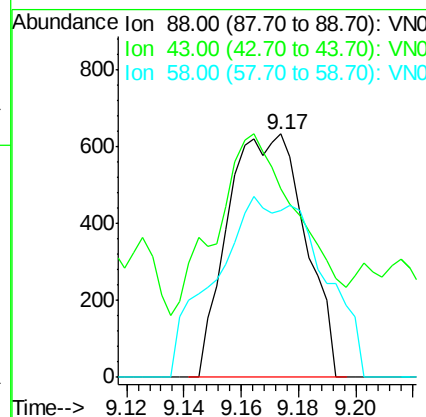
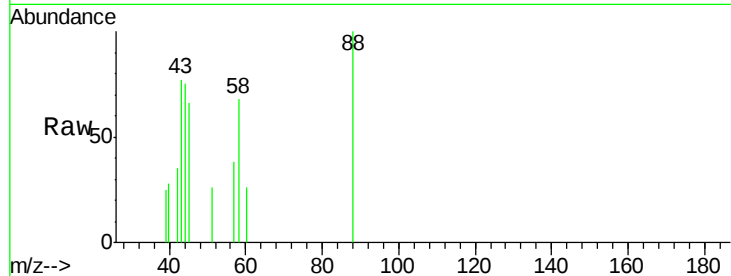
#49
1,4-Dioxane
Concen: 23.021 ug/l m
RT: 9.17 min Scan# 2312
Delta R.T. 0.01 min
Lab File: VN063596.D
Acq: 23 Sep 2020 18:06

Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20200916

Tot Ion	88	Resp	1179
Ion	Ratio	Lower	Upper
88	100		
43	77.5	32.6	49.0#
58	56.7	60.0	90.0#

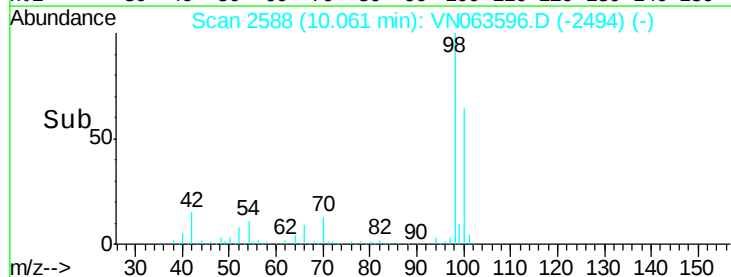
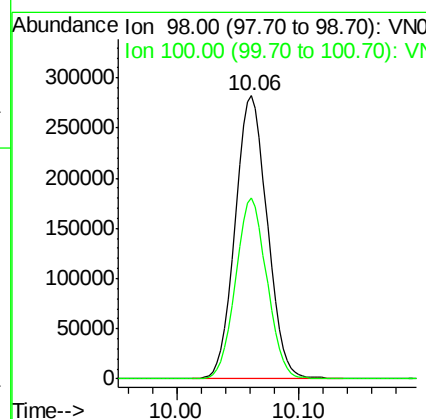
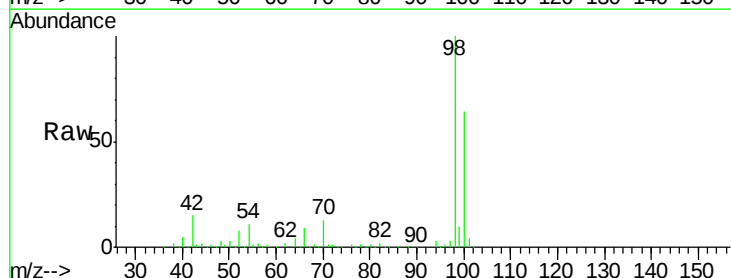
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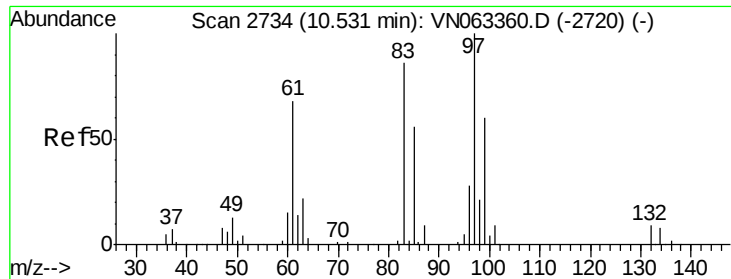
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#50
Toluene-d8
Concen: 51.104 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063596.D
Acq: 23 Sep 2020 18:06

Tgt Ion	98	Resp	516830
Ion	Ratio	Lower	Upper
98	100		
100	62.3	50.7	76.1





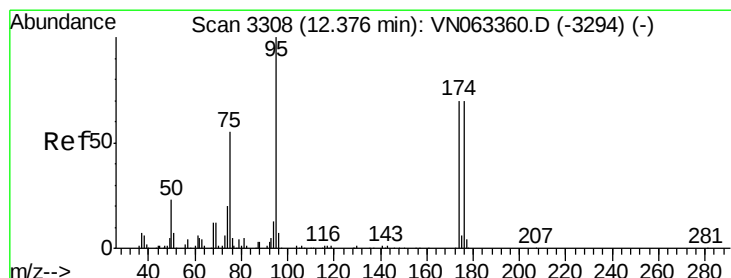
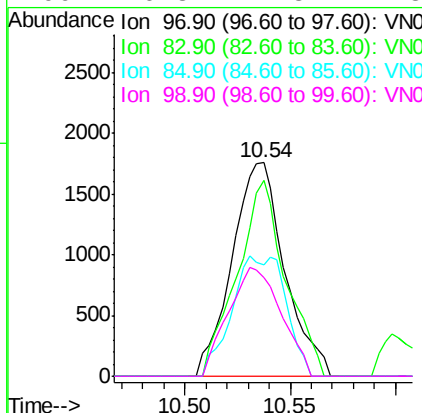
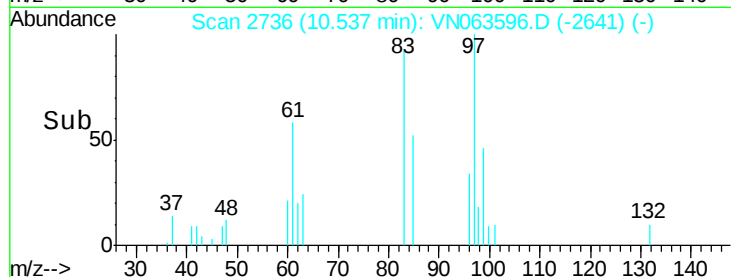
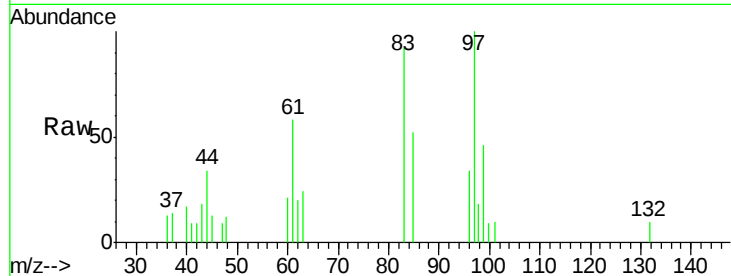
#55
 1,1,2-Trichloroethane
 Concen: 1.079 ug/l
 RT: 10.54 min Scan# 2736
 Delta R.T. 0.01 min
 Lab File: VN063596.D
 Acq: 23 Sep 2020 18:06

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D1-20200916

Tot Ion:	97	Resp:	3046
Ion	Ratio	Lower	Upper
97	100		
83	91.7	68.9	103.3
85	51.8	44.8	67.2
99	46.3	47.8	71.8#

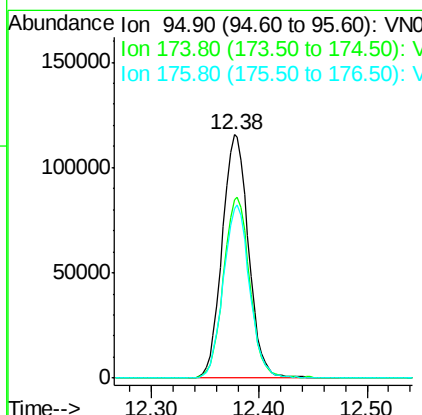
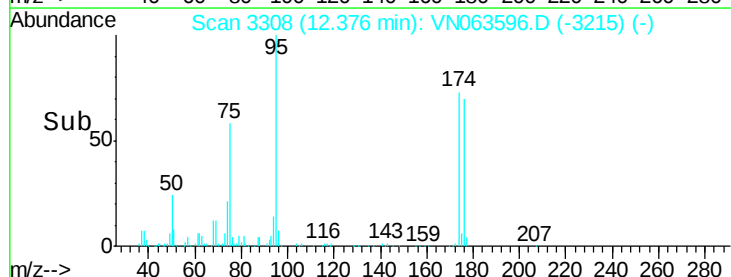
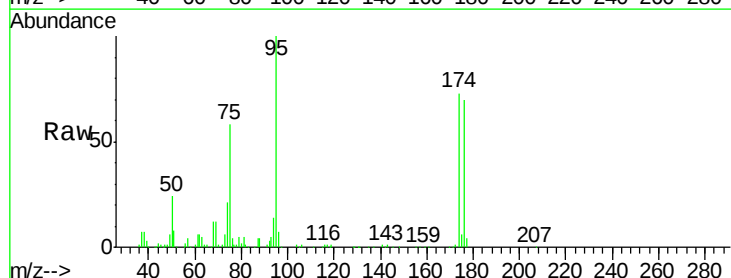
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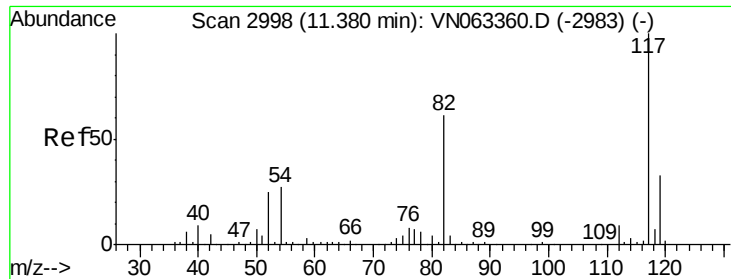
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#62
 4-Bromofluorobenzene
 Concen: 53.143 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063596.D
 Acq: 23 Sep 2020 18:06

Tgt Ion:	95	Resp:	197020
Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	140.8
176	70.9	0.0	137.6





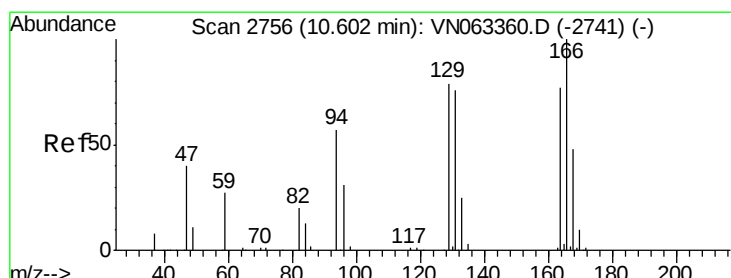
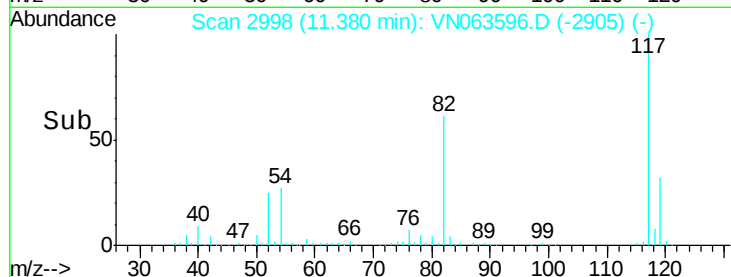
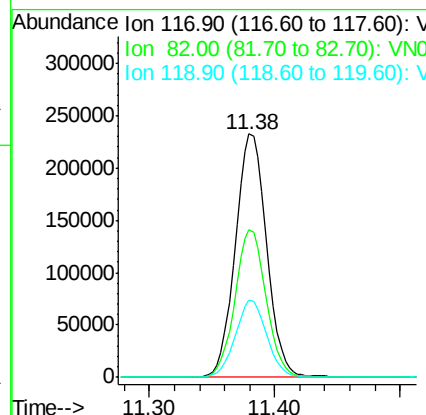
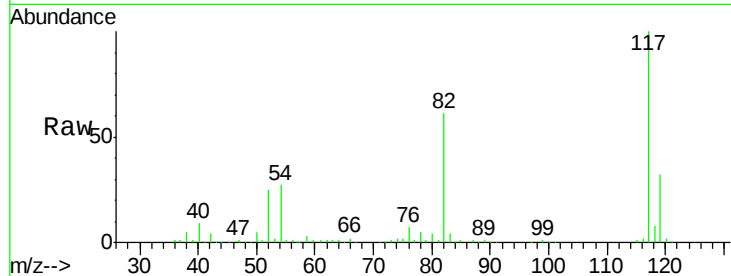
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063596.D
Acq: 23 Sep 2020 18:06

Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20200916

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.6	49.2	73.8
119	31.7	26.2	39.4

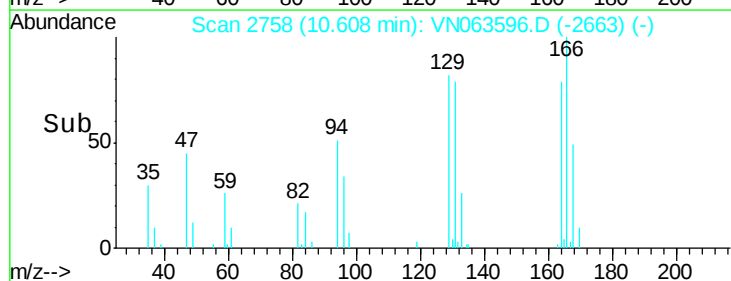
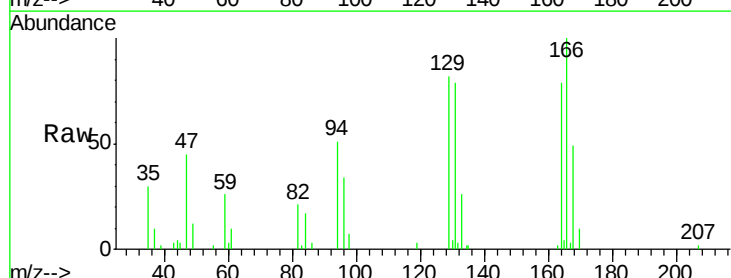
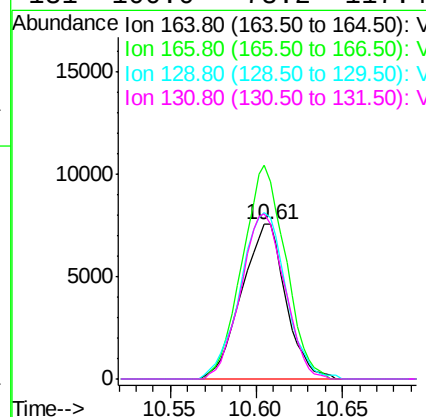
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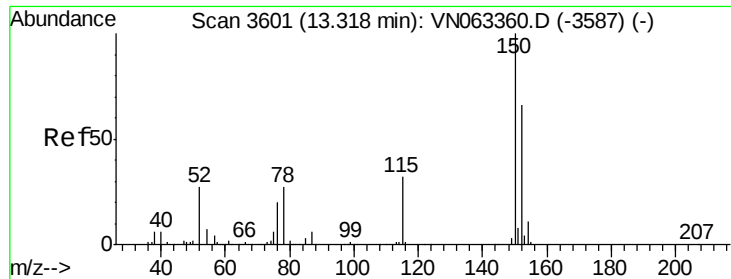
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#64
Tetrachloroethene
Concen: 4.904 ug/l
RT: 10.61 min Scan# 2758
Delta R.T. 0.01 min
Lab File: VN063596.D
Acq: 23 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	103.4	155.0
129	104.3	81.8	122.6
131	100.0	78.2	117.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063596.D

Acq: 23 Sep 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

RE120D1-20200916

Tot Ion:152 Resp: 165406

Ion Ratio Lower Upper

152 100

115 66.1 32.2 96.6

150 160.1 0.0 343.4

Manual Integrations

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