

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063630.D
 Acq On : 24 Sep 2020 15:52
 Operator : JC/MD
 Sample : L4119-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D2-20200921

Manual Integrations
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Quant Time: Sep 25 16:34:56 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	195922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	368114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	377407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	160218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	169045	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
35) Dibromofluoromethane	7.55	113	121051	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
50) Toluene-d8	10.06	98	487046	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.38	95	188403	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.73	101	7008m	3.210	ug/l	Qvalue
27) cis-1,2-Dichloroethene	6.79	96	1151	0.415	ug/l	16
30) Chloroform	7.33	83	3017	0.618	ug/l	86
44) Trichloroethene	8.80	130	1457962	536.938	ug/l	100
64) Tetrachloroethene	10.61	164	1676	0.652	ug/l	89

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

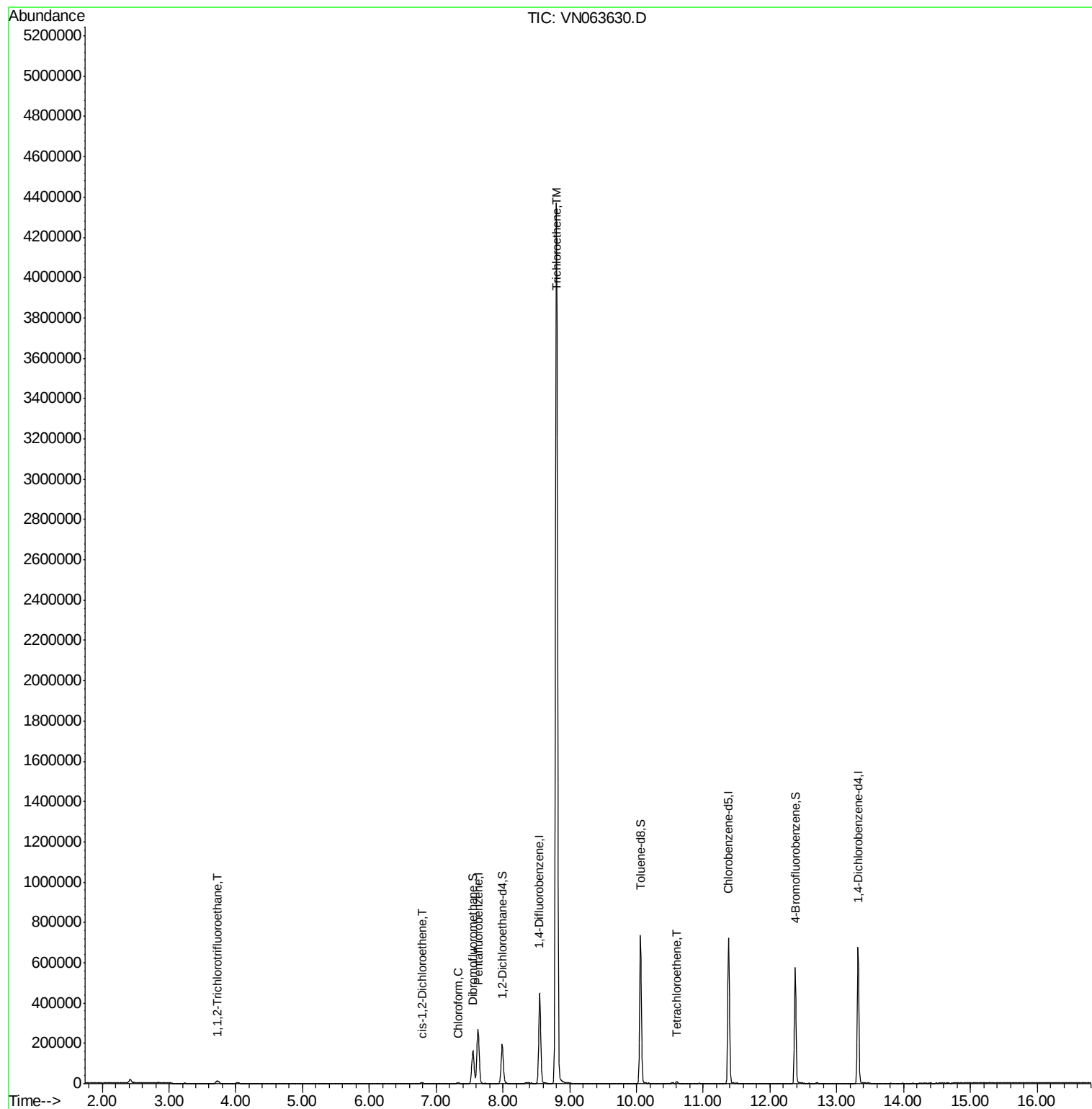
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092420\
Data File : VN063630.D
Acq On : 24 Sep 2020 15:52
Operator : JC/MD
Sample : L4119-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

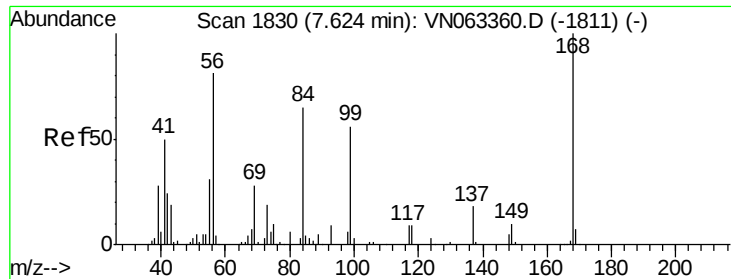
Instrument :
MSVOA_N
ClientSampleId :
RE103D2-20200921

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Quant Time: Sep 25 16:34:56 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: VN063630.D

Acq: 24 Sep 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

RE103D2-20200921

Tot Ion:168 Resp: 195922

Ion Ratio Lower Upper

168 100

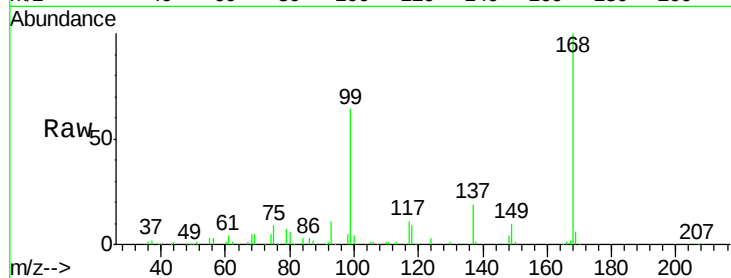
99 64.1 53.0 79.6

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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

80000

60000

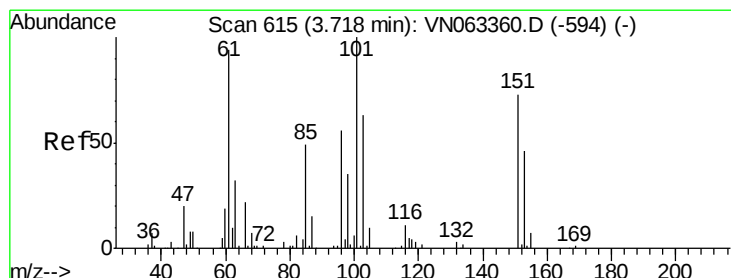
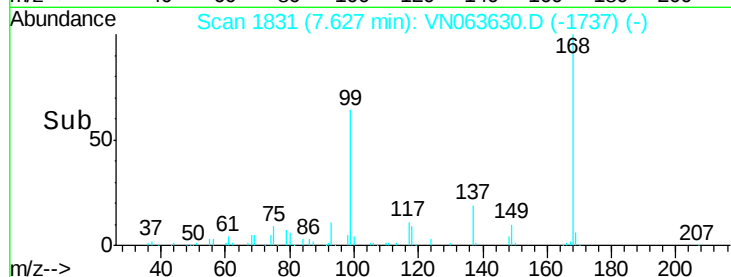
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.210 ug/l m

RT: 3.73 min Scan# 619

Delta R.T. 0.01 min

Lab File: VN063630.D

Acq: 24 Sep 2020 15:52

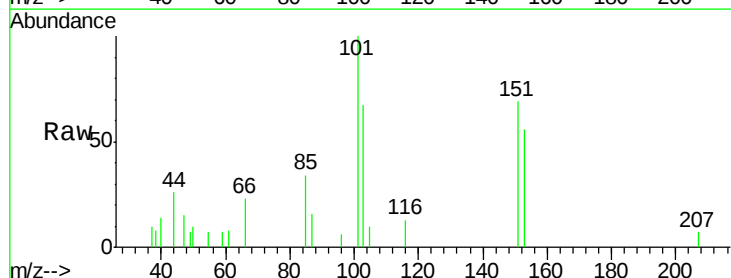
Tgt Ion:101 Resp: 7008

Ion Ratio Lower Upper

101 100

85 30.4 37.7 56.5#

151 68.4 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

3000

2500

2000

1500

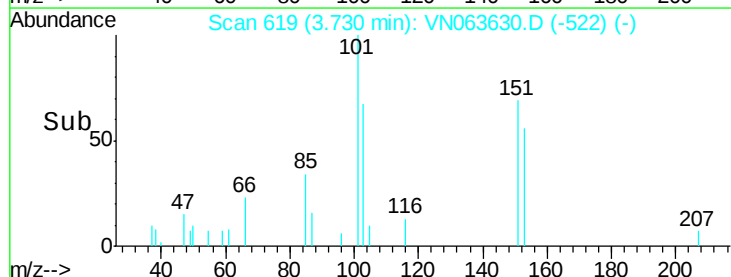
1000

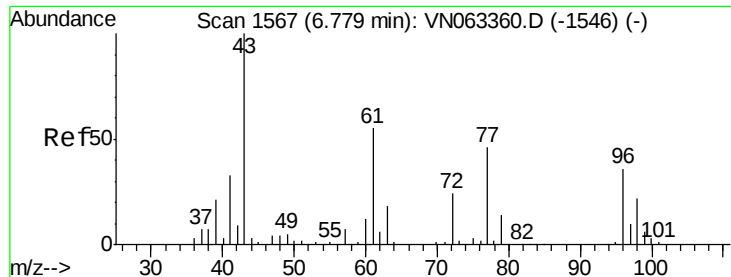
500

0

3.65 3.70 3.75 3.80

Time-->





#27

cis-1,2-Dichloroethene

Concen: 0.415 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN063630.D

Acq: 24 Sep 2020 15:52

Instrument :

MSVOA_N

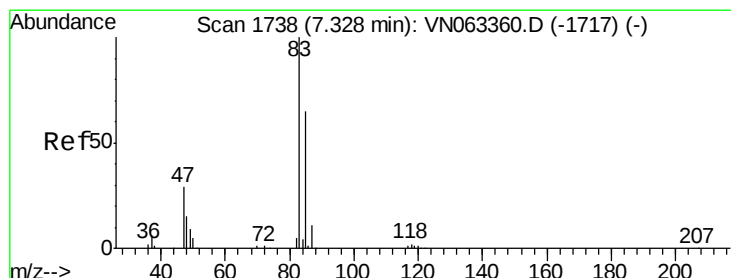
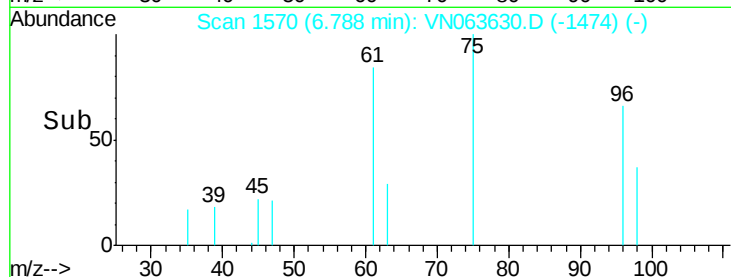
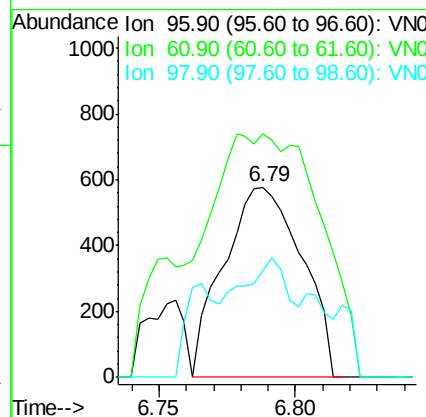
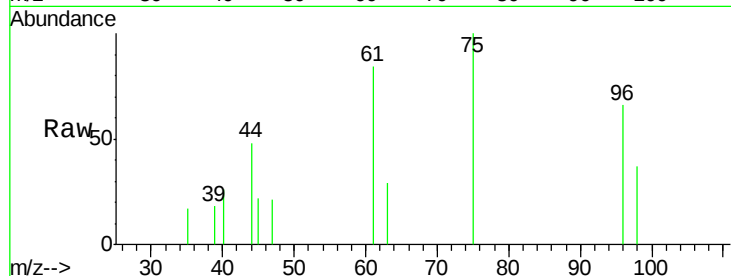
ClientSampleId :

RE103D2-20200921

Tot Ion:	96	Resp:	1151
Ion	Ratio	Lower	Upper
96	100		
61	33.8	0.0	319.6
98	20.3	0.0	127.8

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#30

Chloroform

Concen: 0.618 ug/l

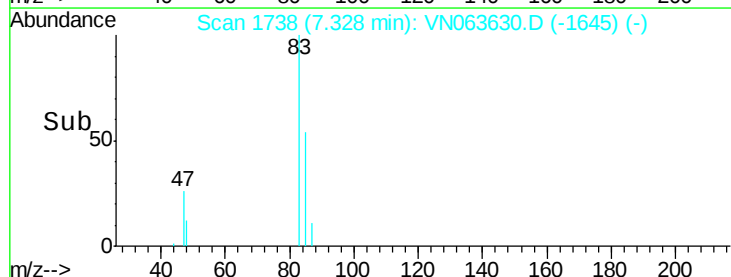
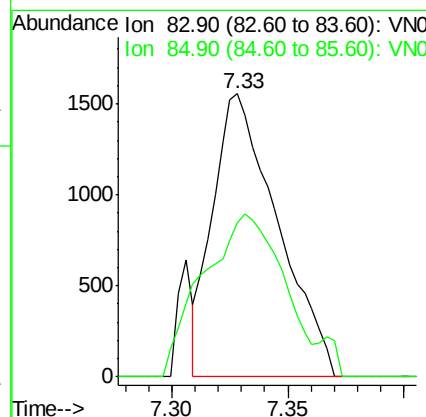
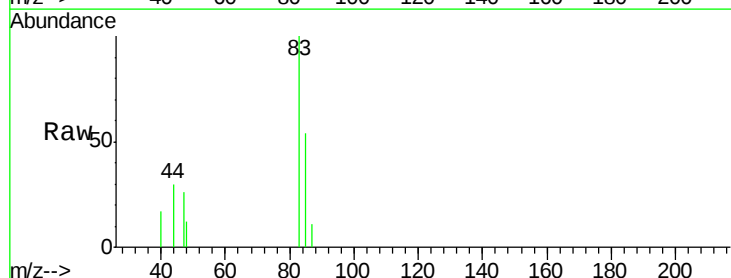
RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063630.D

Acq: 24 Sep 2020 15:52

Tgt Ion:	83	Resp:	3017
Ion	Ratio	Lower	Upper
83	100		
85	54.2	52.1	78.1





#33

1,2-Dichloroethane-d4

Concen: 50.686 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063630.D

Acq: 24 Sep 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

RE103D2-20200921

Tot Ion: 65 Resp: 169045

Ion Ratio Lower Upper

65 100

67 50.6

0.0

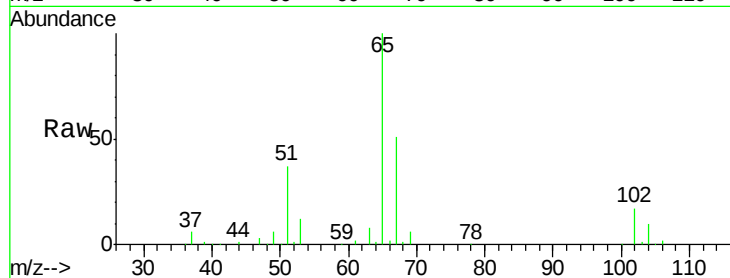
104.2

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Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)

7.99

80000

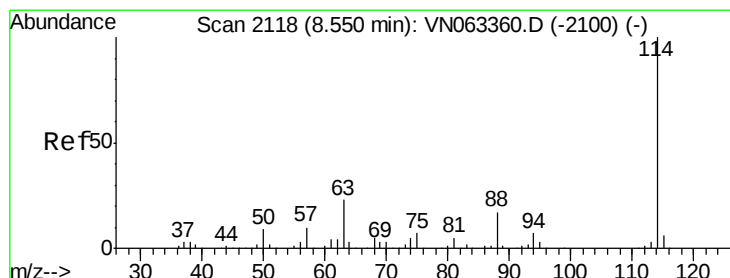
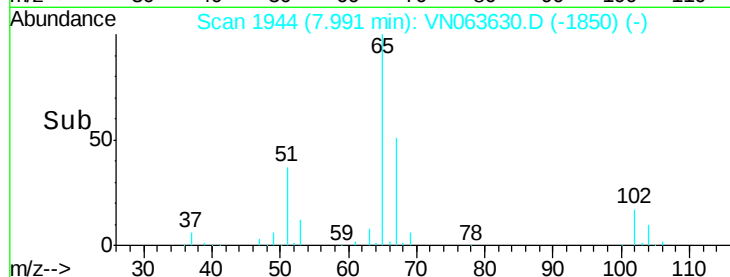
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063630.D

Acq: 24 Sep 2020 15:52

Tgt Ion: 114 Resp: 368114

Ion Ratio Lower Upper

114 100

63 23.4

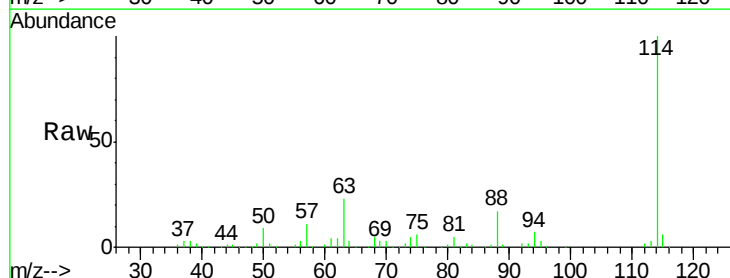
0.0

46.4

88 16.7

0.0

33.2



Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)

8.55

200000

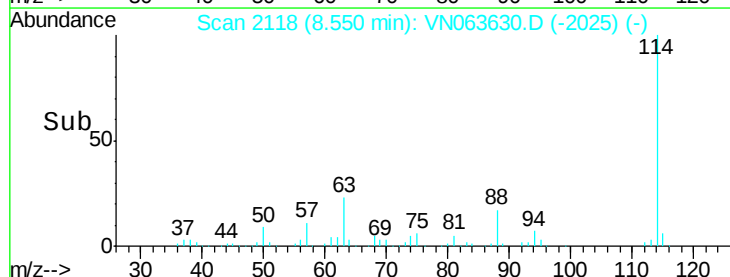
150000

100000

50000

0

Time-->





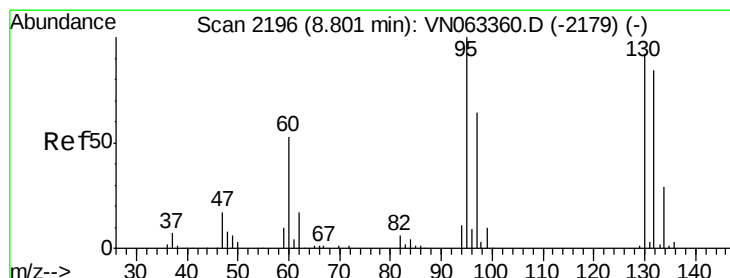
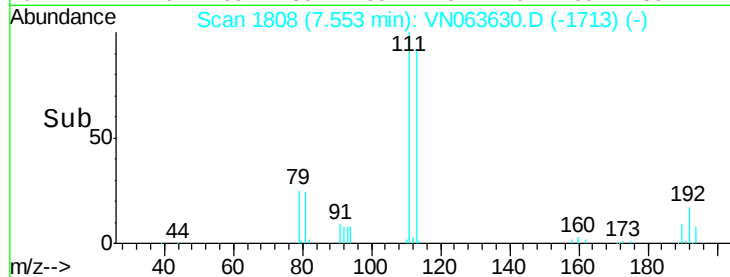
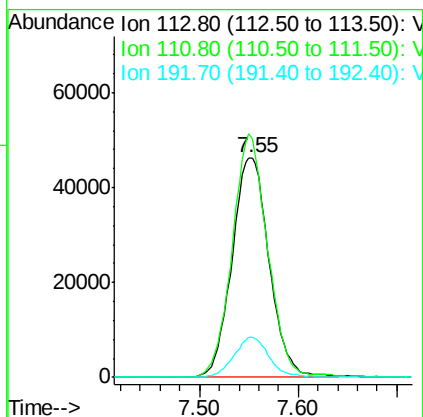
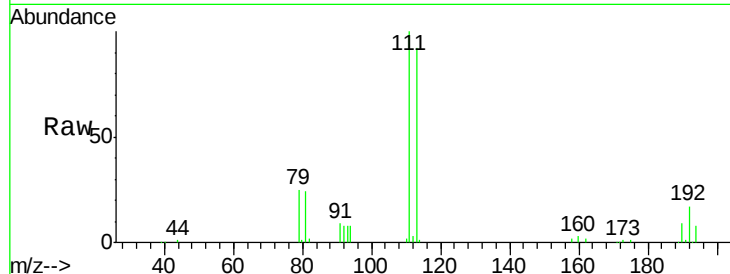
#35
Dibromofluoromethane
Concen: 47.501 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VN063360.D
Acq: 24 Sep 2020 15:52

Instrument :
MSVOA_N
ClientSampleId :
RE103D2-20200921

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121051		
111	104.8	82.9	124.3	
192	17.2	13.9	20.9	

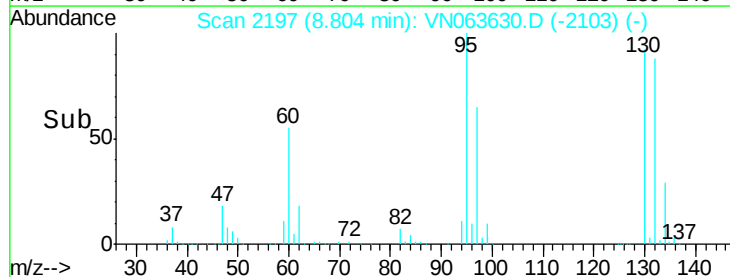
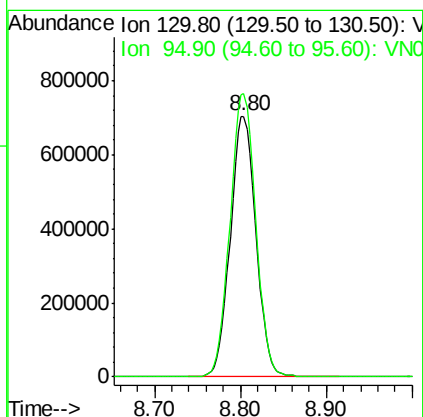
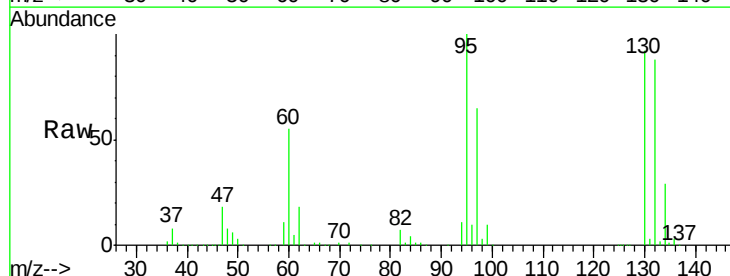
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#44
Trichloroethene
Concen: 536.938 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN063360.D
Acq: 24 Sep 2020 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	1457962		
95	108.5	0.0	217.4	





#50

Toluene-d8

Concen: 50.827 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063630.D

Acq: 24 Sep 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

RE103D2-20200921

Tot Ion: 98 Resp: 487046

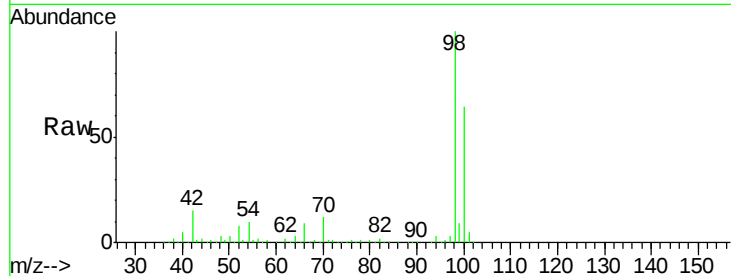
Ion Ratio Lower Upper

98 100

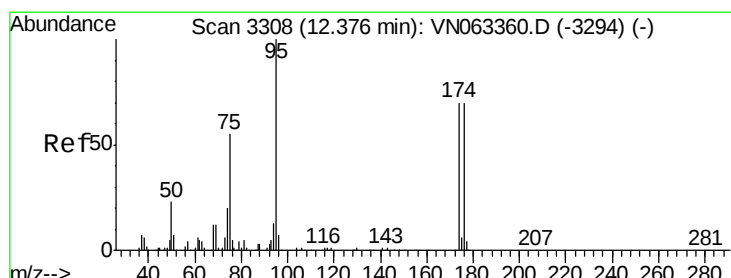
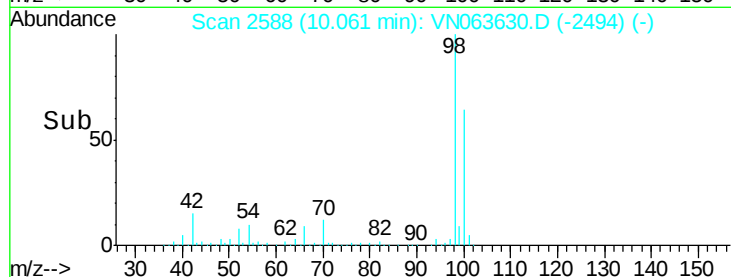
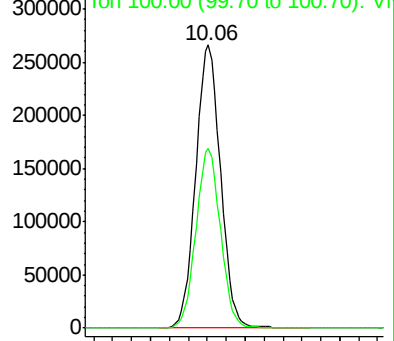
100 62.4 50.7 76.1

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Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 53.635 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063630.D

Acq: 24 Sep 2020 15:52

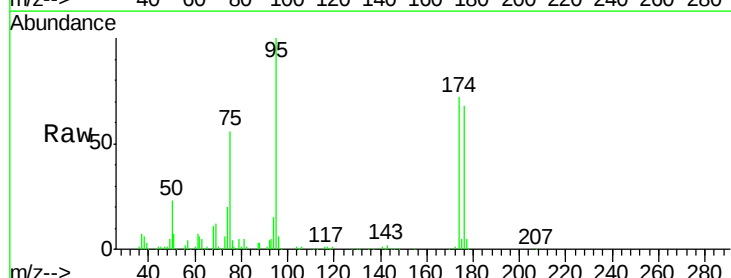
Tgt Ion: 95 Resp: 188403

Ion Ratio Lower Upper

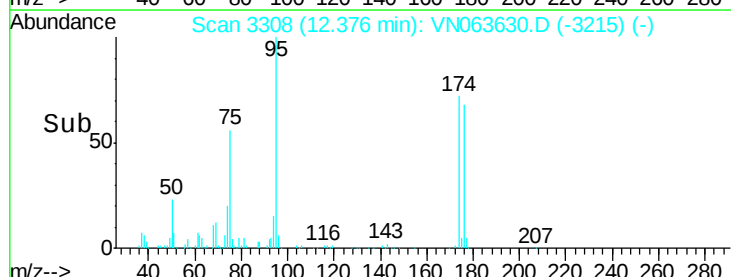
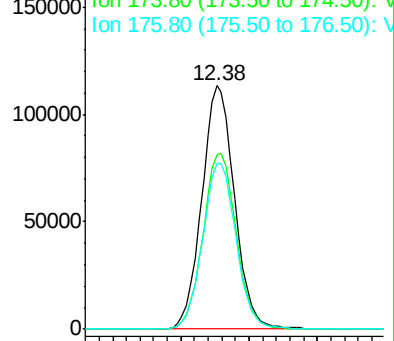
95 100

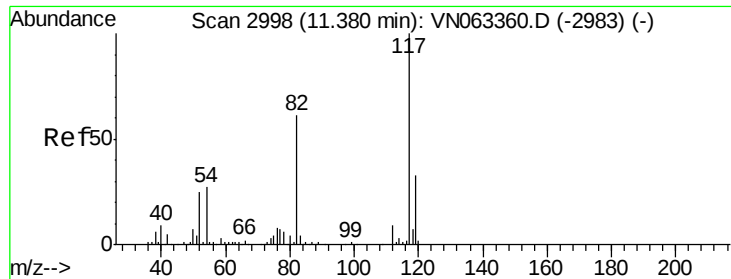
174 73.4 0.0 140.8

176 69.9 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)





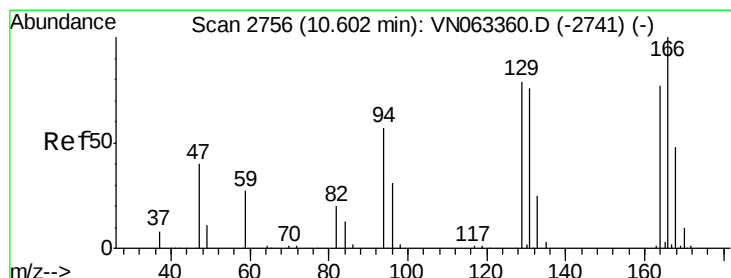
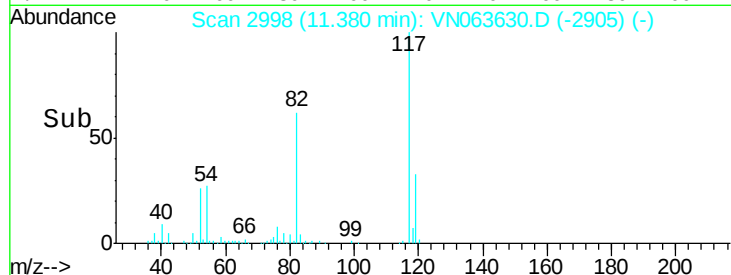
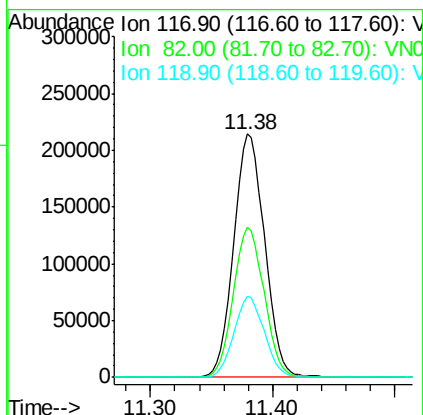
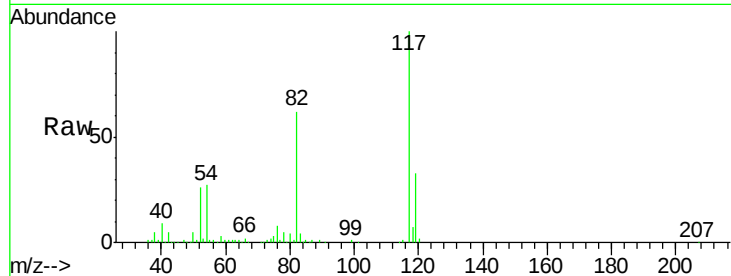
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063630.D
Acq: 24 Sep 2020 15:52

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
117	100	377407		
82	61.6	49.2	73.8	
119	33.3	26.2	39.4	

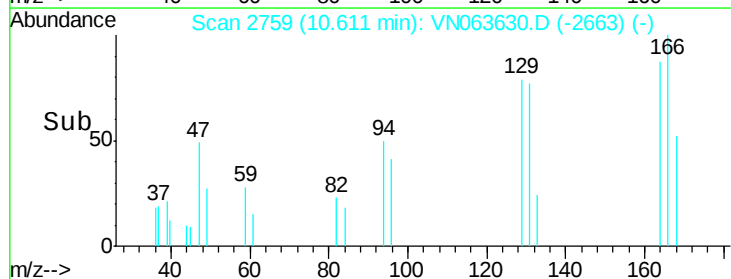
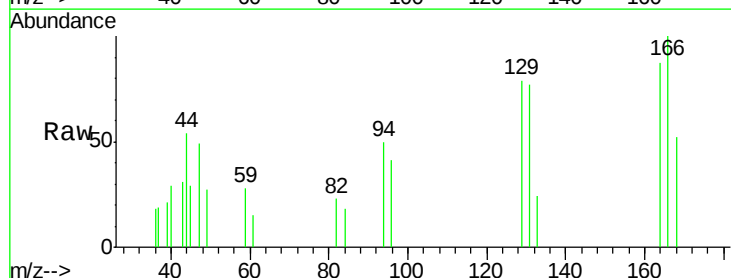
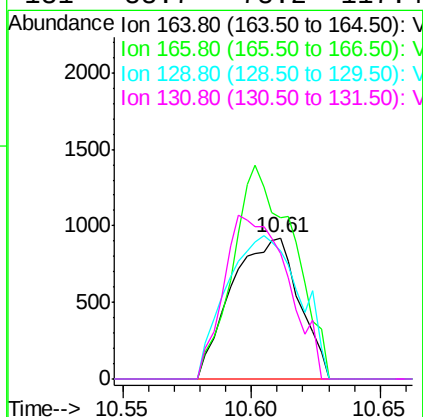
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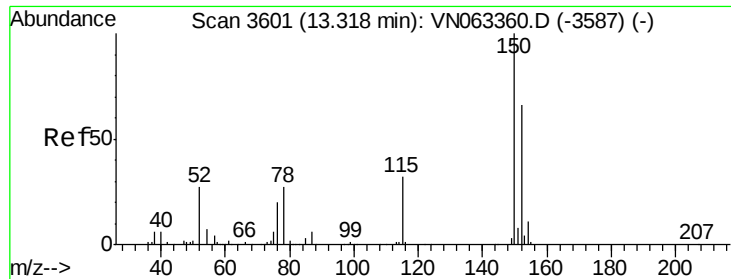
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#64
Tetrachloroethene
Concen: 0.652 ug/l
RT: 10.61 min Scan# 2759
Delta R.T. 0.01 min
Lab File: VN063630.D
Acq: 24 Sep 2020 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	1676		
166	114.5	103.4	155.0	
129	90.1	81.8	122.6	
131	88.7	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: VN063630.D

Acq: 24 Sep 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

RE103D2-20200921

Tot Ion: 152 Resp: 160218

Ion Ratio Lower Upper

152 100

115 64.4 32.2 96.6

150 158.9 0.0 343.4

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