

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063543.D
 Acq On : 22 Sep 2020 19:19
 Operator : JC/MD
 Sample : L4082-14DL 4X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20200915DL

Manual Integrations
 APPROVED

MMDadoda
 9/23/2020 1:05:51 PM

Quant Time: Sep 23 11:49:41 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	226568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	424583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	427494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178304	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	189005	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
35) Dibromofluoromethane	7.55	113	136176	46.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.66%	
50) Toluene-d8	10.06	98	540660	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.38	95	215416	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.71	101	2651m	1.050	ug/l	
12) 1,1-Dichloroethene	3.70	96	1362	0.533	ug/l #	55
30) Chloroform	7.33	83	1363	0.241	ug/l #	83
44) Trichloroethene	8.80	130	112952	36.065	ug/l	99

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

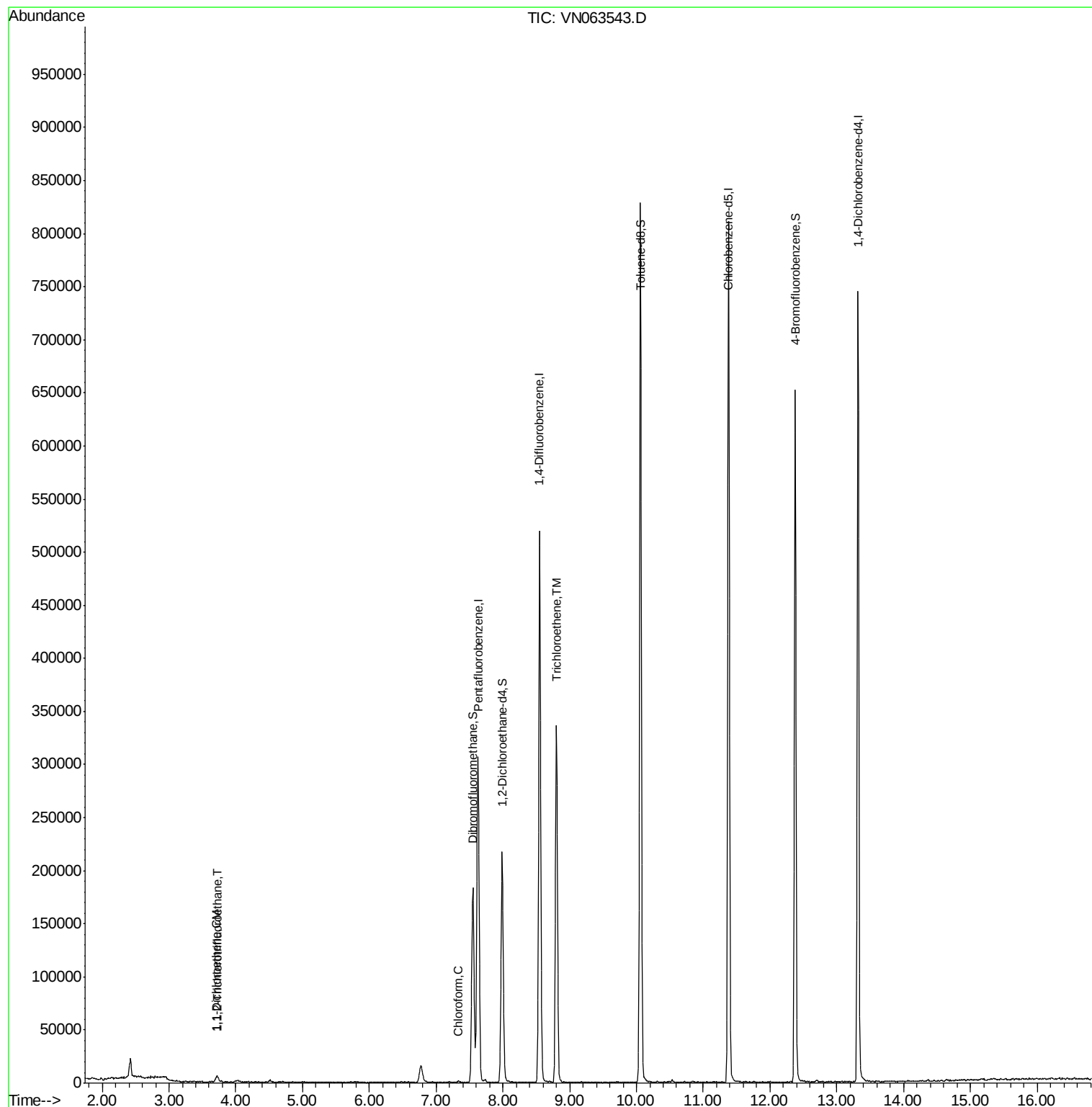
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
Data File : VN063543.D
Acq On : 22 Sep 2020 19:19
Operator : JC/MD
Sample : L4082-14DL 4X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

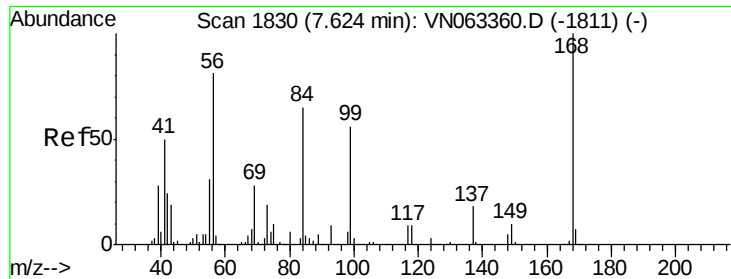
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20200915DL

Manual Integrations
APPROVED

MMDadoda
9/23/2020 1:05:51 PM

Quant Time: Sep 23 11:49:41 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# 1832

Delta R.T. 0.01 min

Lab File: VN063543.D

Acq: 22 Sep 2020 19:19

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20200915DL

Tot Ion:168 Resp: 226568

Ion Ratio Lower Upper

168 100

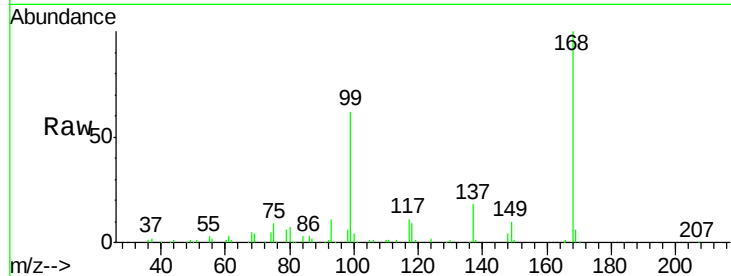
99 62.0 53.0 79.6

Manual Integrations

APPROVED

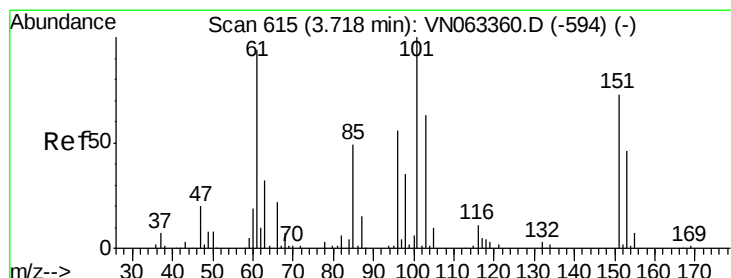
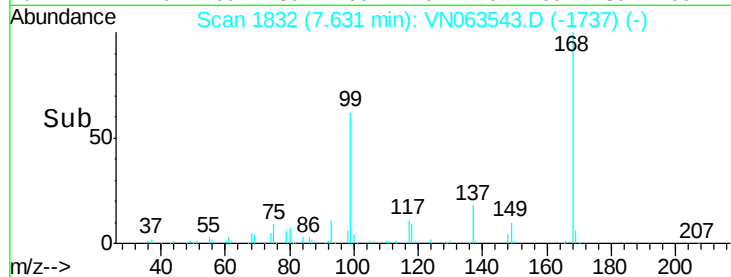
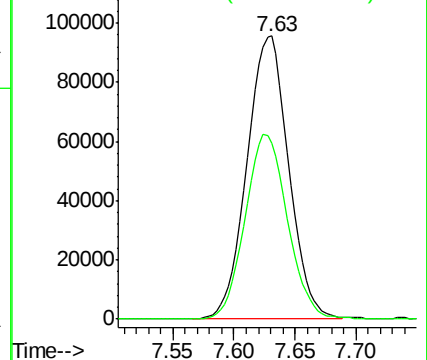
MMDadoda

9/23/2020 1:05:51 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.050 ug/l m

RT: 3.71 min Scan# 613

Delta R.T. -0.01 min

Lab File: VN063543.D

Acq: 22 Sep 2020 19:19

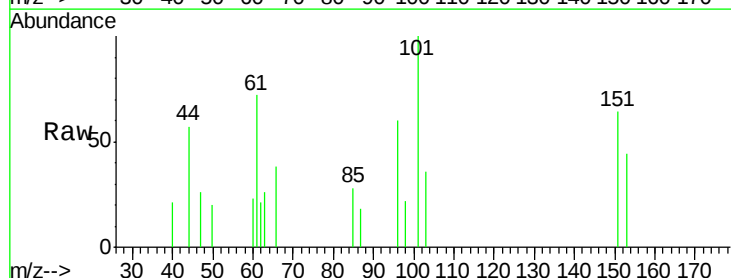
Tgt Ion:101 Resp: 2651

Ion Ratio Lower Upper

101 100

85 36.5 37.7 56.5#

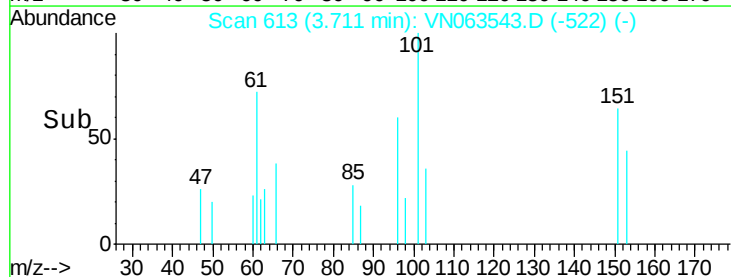
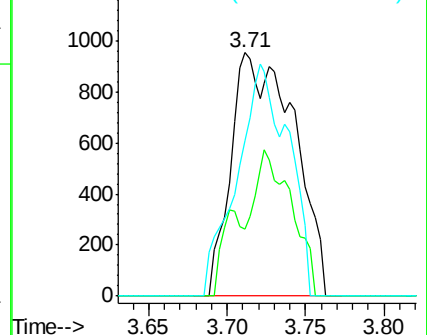
151 78.3 57.7 86.5

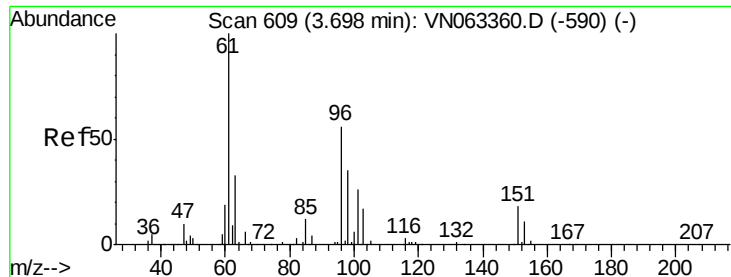


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V





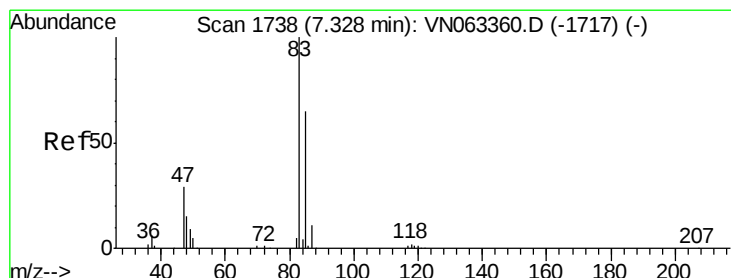
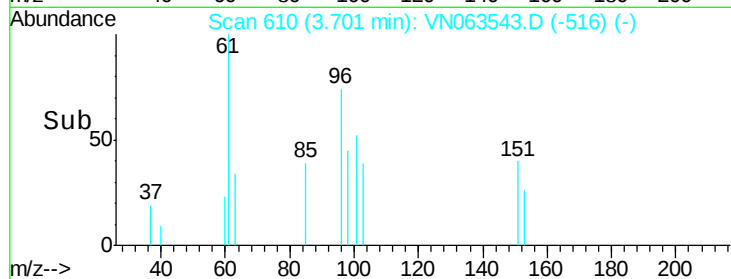
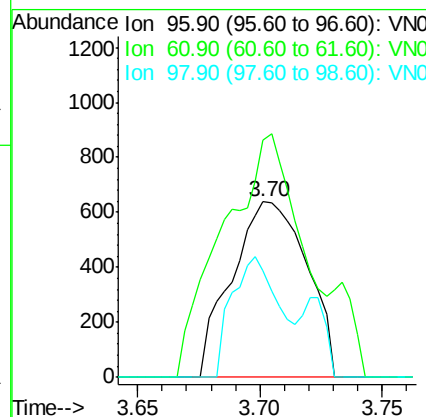
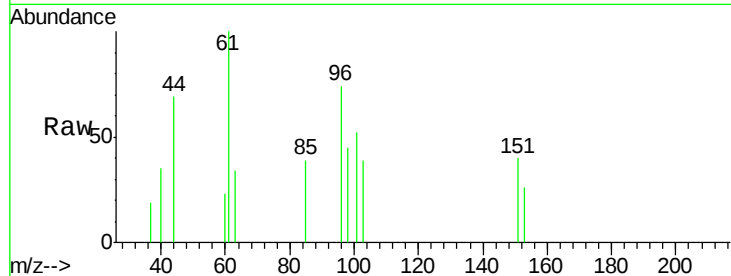
#12
 1,1-Dichloroethene
 Concen: 0.533 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063543.D
 Acq: 22 Sep 2020 19:19

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20200915DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	94.2	143.4	215.2#
98	61.1	50.6	76.0

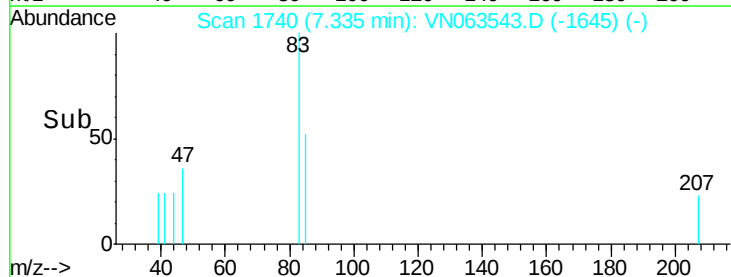
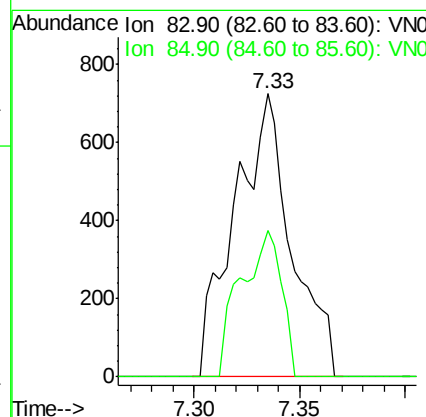
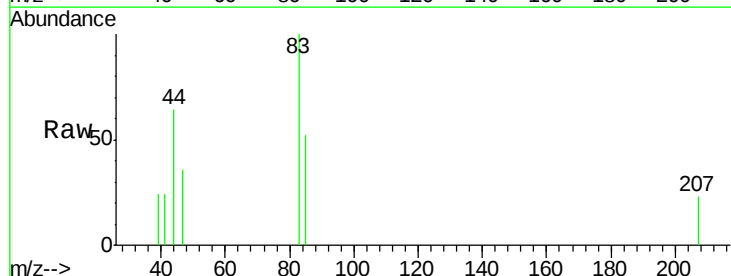
Manual Integrations
 APPROVED

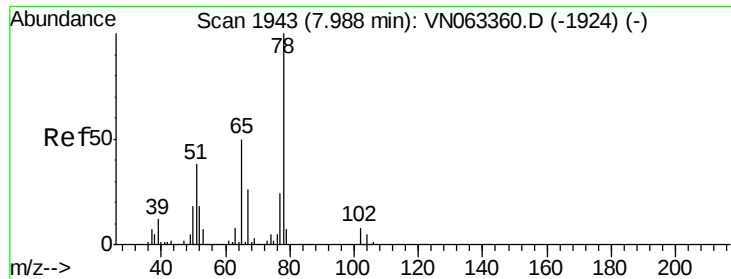
MMDadoda
 9/23/2020 1:05:51 PM



#30
 Chloroform
 Concen: 0.241 ug/l
 RT: 7.33 min Scan# 1740
 Delta R.T. 0.01 min
 Lab File: VN063543.D
 Acq: 22 Sep 2020 19:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	51.6	52.1	78.1#





#33

1,2-Dichloroethane-d4

Concen: 49.006 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063543.D

Acq: 22 Sep 2020 19:19

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20200915DL

Tot Ion: 65 Resp: 189005

Ion Ratio Lower Upper

65 100

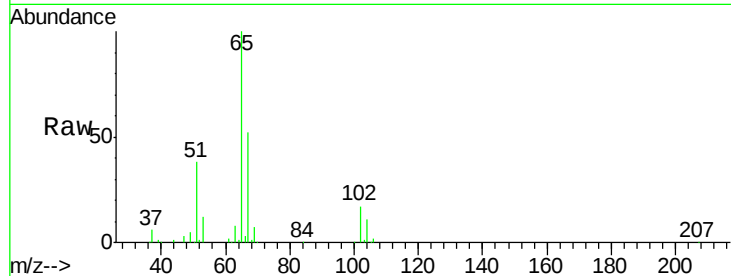
67 51.0 0.0 104.2

Manual Integrations

APPROVED

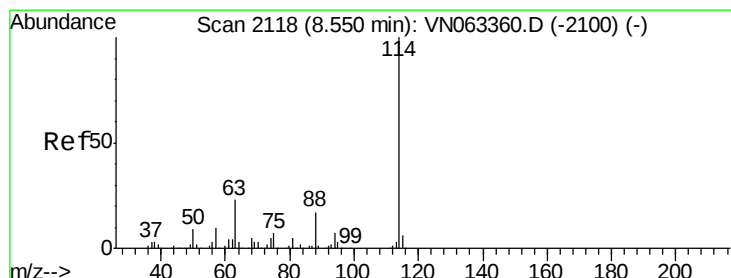
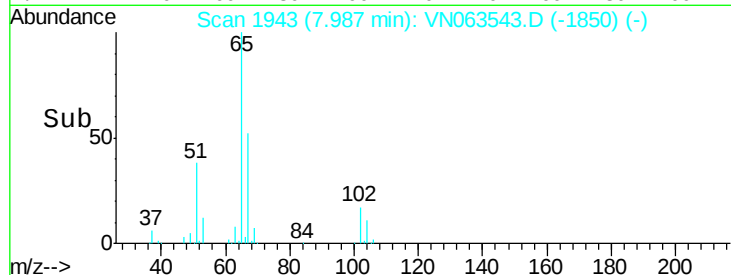
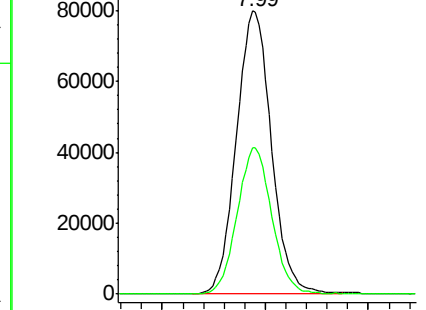
MMDadoda

9/23/2020 1:05:51 PM



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

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



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063543.D

Acq: 22 Sep 2020 19:19

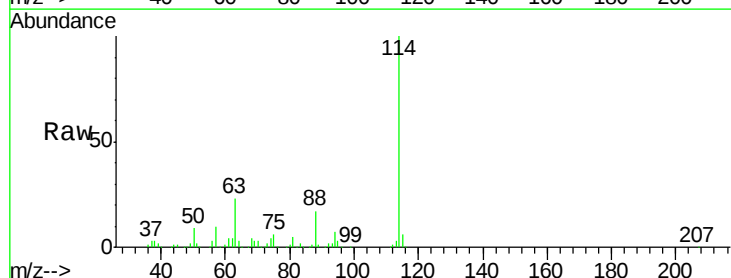
Tgt Ion: 114 Resp: 424583

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.4

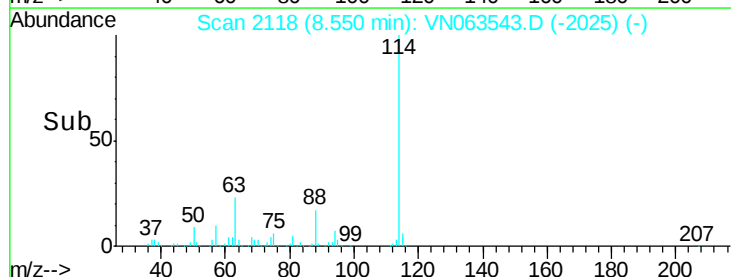
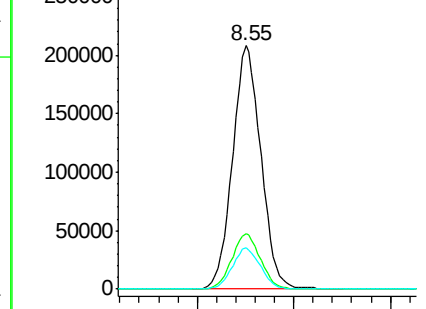
88 16.8 0.0 33.2

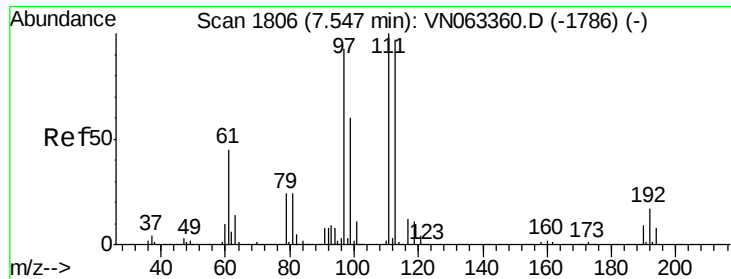


Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

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

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





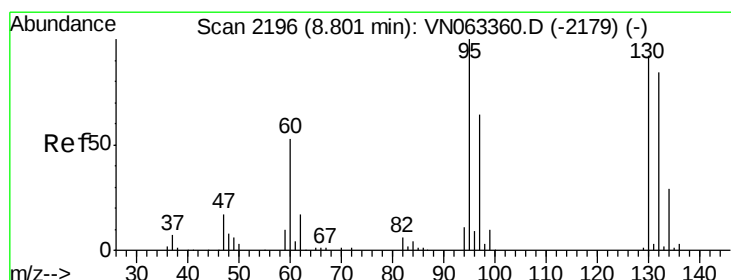
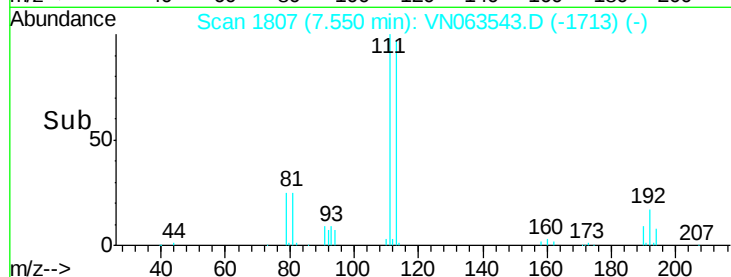
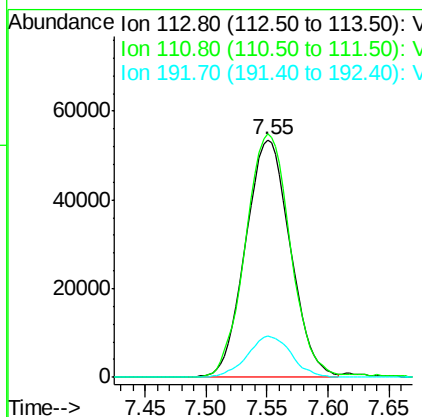
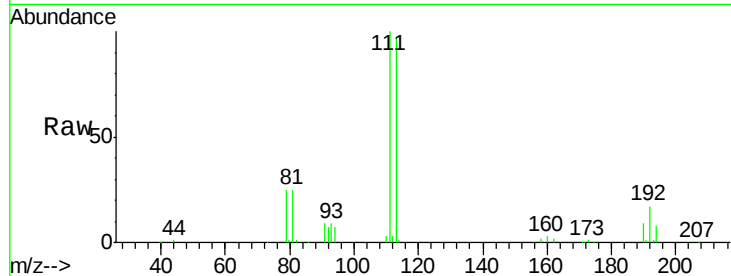
#35
 Dibromofluoromethane
 Concen: 46.329 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063543.D
 Acq: 22 Sep 2020 19:19

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20200915DL

Tot Ion	Ratio	Resp	Lower	Upper
113	100	136176		
111	102.8	82.9	124.3	
192	17.1	13.9	20.9	

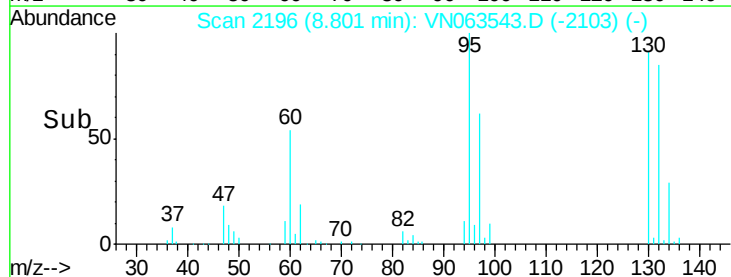
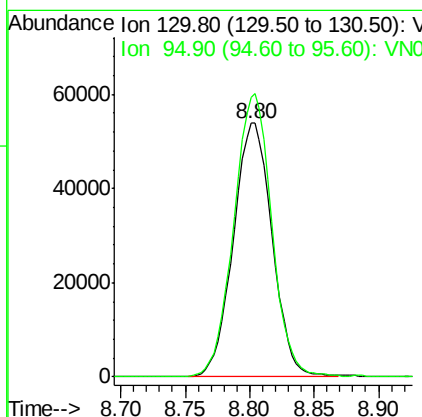
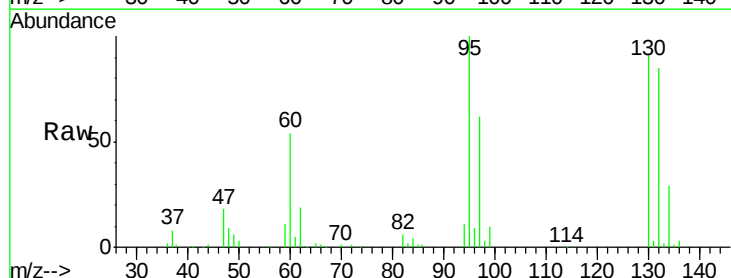
Manual Integrations
 APPROVED

MMDadoda
 9/23/2020 1:05:51 PM



#44
 Trichloroethene
 Concen: 36.065 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN063543.D
 Acq: 22 Sep 2020 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	112952		
95	109.9	0.0	217.4	





#50

Toluene-d8

Concen: 48.918 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063543.D

Acq: 22 Sep 2020 19:19

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20200915DL

Tot Ion: 98 Resp: 540660

Ion Ratio Lower Upper

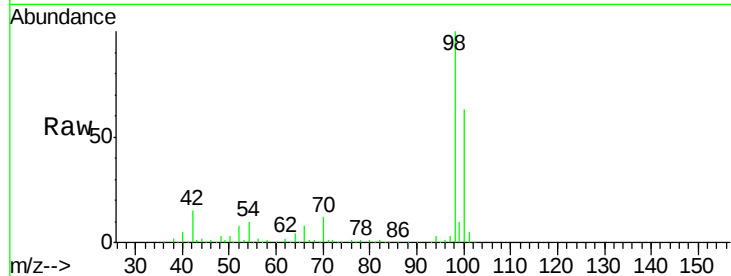
98 100

100 63.4 50.7 76.1

Manual Integrations
APPROVED

MMDadoda

9/23/2020 1:05:51 PM



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

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

10.06

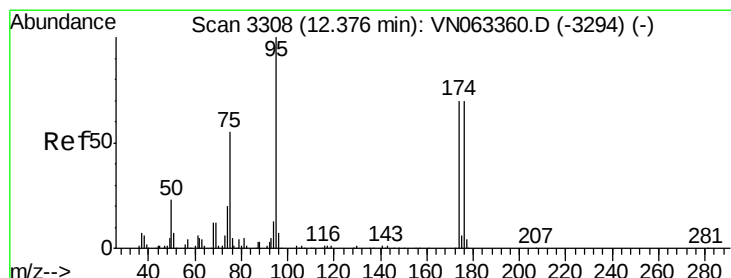
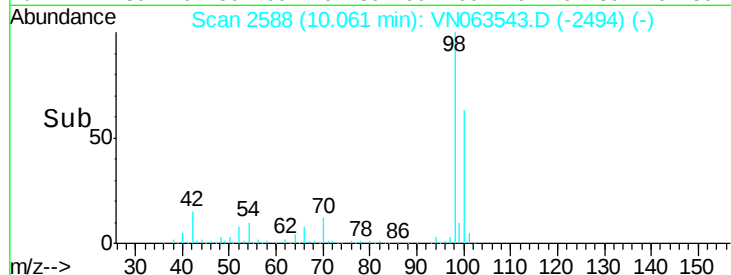
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.169 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063543.D

Acq: 22 Sep 2020 19:19

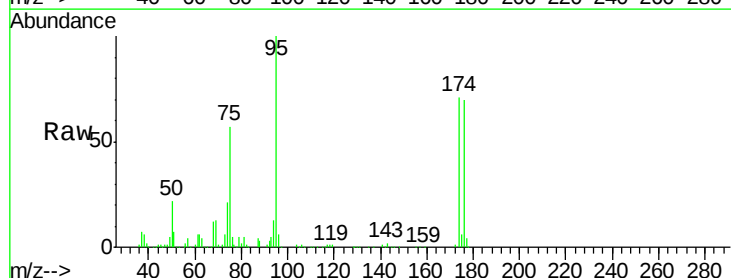
Tgt Ion: 95 Resp: 215416

Ion Ratio Lower Upper

95 100

174 70.5 0.0 140.8

176 68.9 0.0 137.6



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

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)

12.38

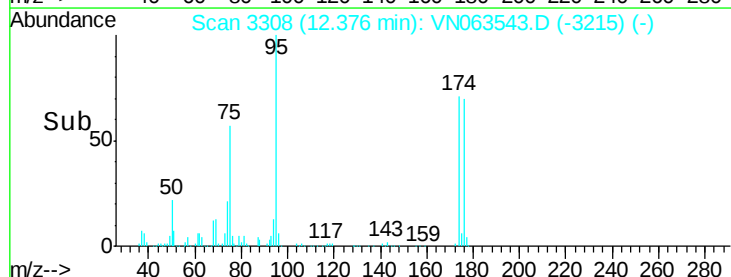
150000

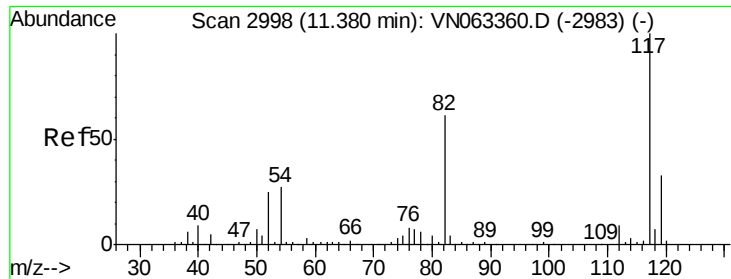
100000

50000

0

Time-->





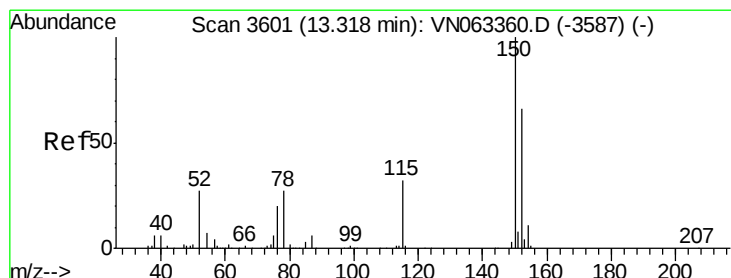
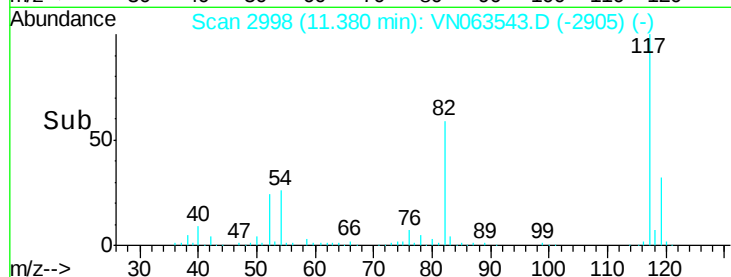
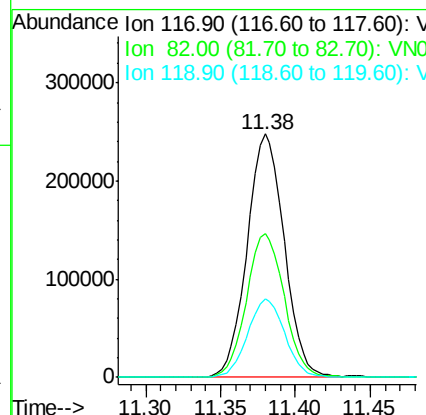
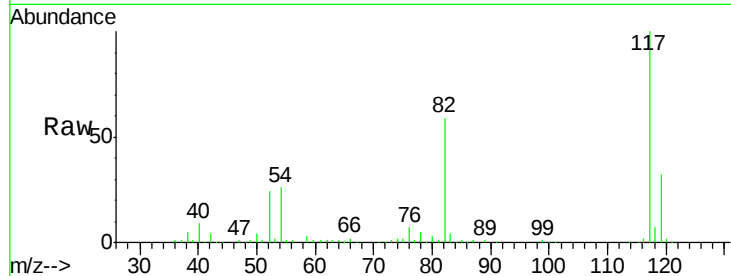
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063543.D
Acq: 22 Sep 2020 19:19

Instrument :
MSVOA_N
ClientSampleId :
DUP01-20200915DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.0	49.2	73.8
119	32.0	26.2	39.4

Manual Integrations
APPROVED

MMDadoda
9/23/2020 1:05:51 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063543.D
Acq: 22 Sep 2020 19:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.0	32.2	96.6
150	159.2	0.0	343.4

