

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063598.D
 Acq On : 23 Sep 2020 18:54
 Operator : JC/MD
 Sample : L4083-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20200916

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:38:04 PM

Quant Time: Sep 24 04:02:58 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	203332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	377905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	386604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	163324	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	174825	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
35) Dibromofluoromethane	7.55	113	124555	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
50) Toluene-d8	10.06	98	492045	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.38	95	191433	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.73	101	12409	5.478	ug/l #	80
12) 1,1-Dichloroethene	3.70	96	2234	0.974	ug/l	87
27) cis-1,2-Dichloroethene	6.79	96	1900m	0.660	ug/l	
44) Trichloroethene	8.80	130	481964	172.899	ug/l	98
64) Tetrachloroethene	10.60	164	2104	0.799	ug/l #	74

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

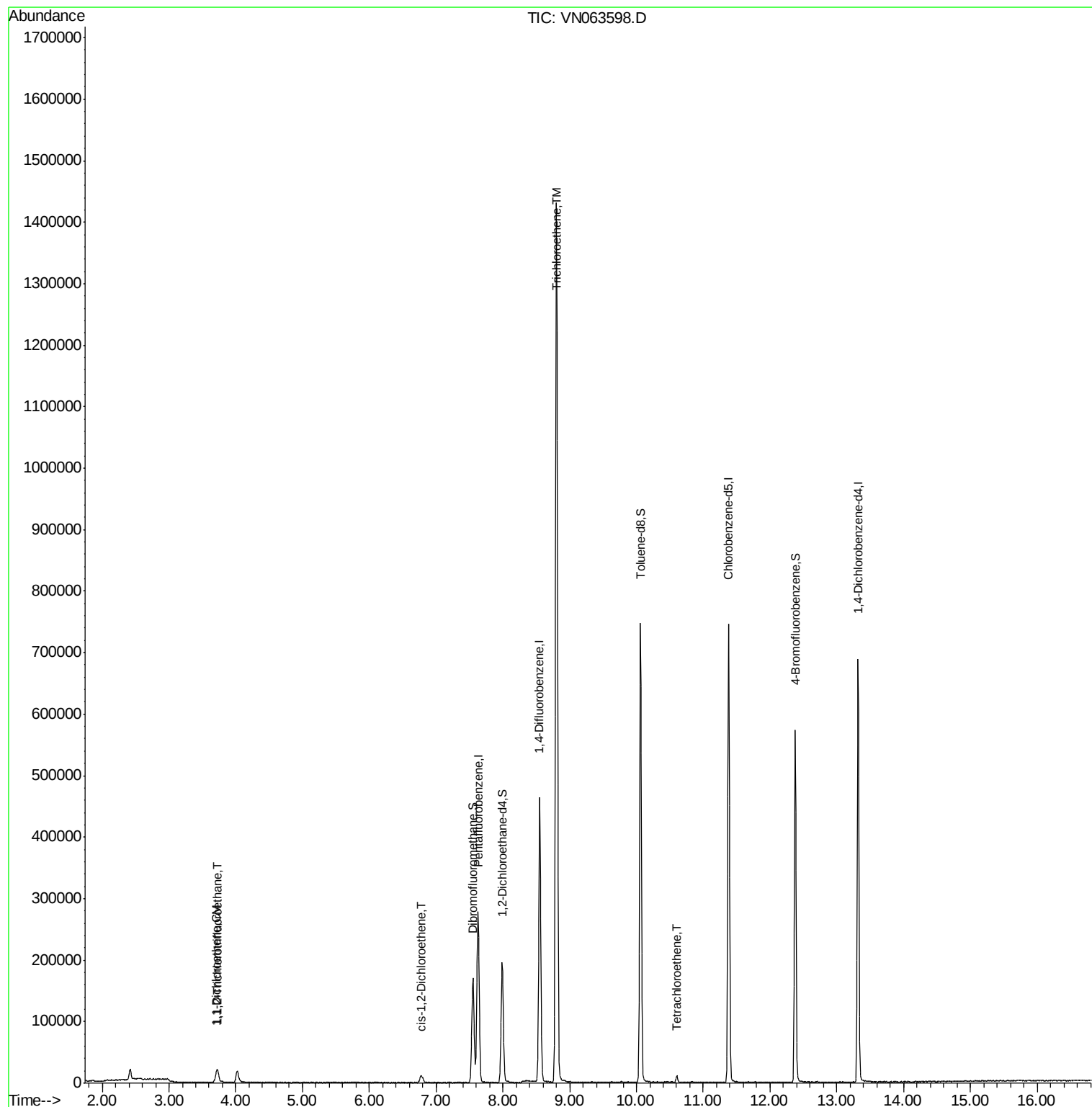
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092320\
Data File : VN063598.D
Acq On : 23 Sep 2020 18:54
Operator : JC/MD
Sample : L4083-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

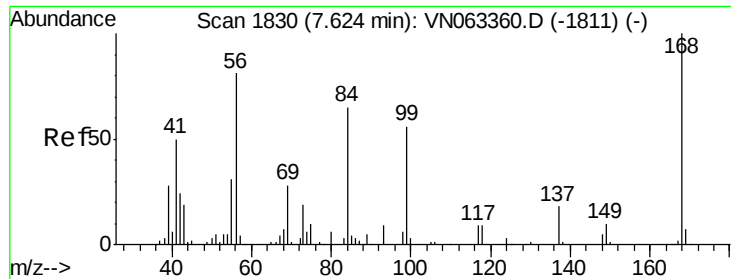
Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20200916

Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:38:04 PM

Quant Time: Sep 24 04:02:58 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# 1832

Delta R.T. 0.01 min

Lab File: VN063598.D

Acq: 23 Sep 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

RE120D3-20200916

Tot Ion:168 Resp: 203332

Ion Ratio Lower Upper

168 100

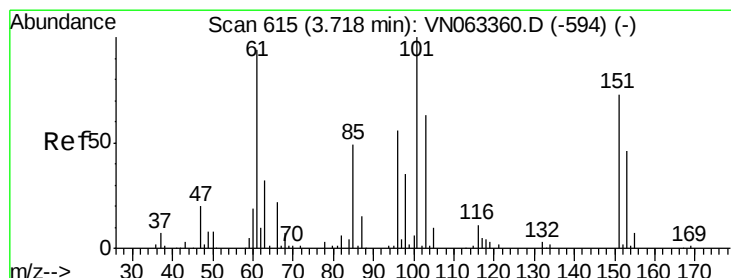
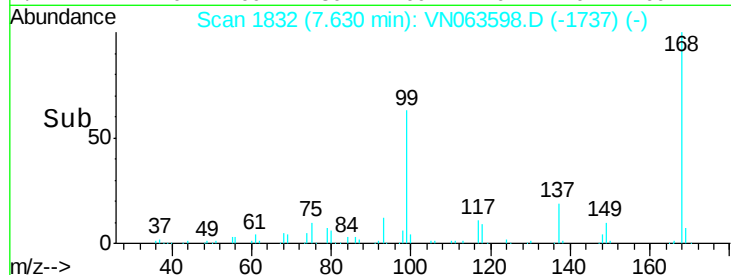
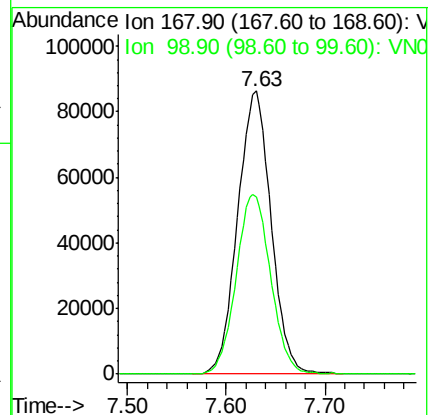
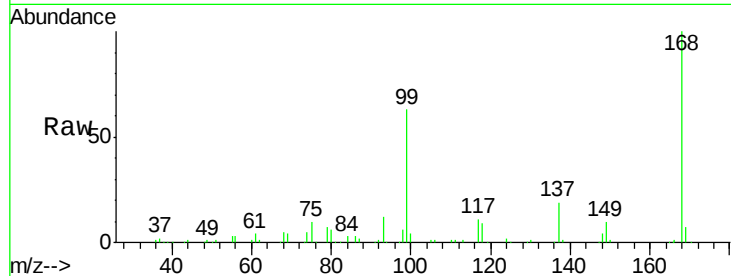
99 62.7 53.0 79.6

Manual Integrations

APPROVED

MMDadoda

9/24/2020 1:38:04 PM



#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.478 ug/l

RT: 3.73 min Scan# 618

Delta R.T. 0.01 min

Lab File: VN063598.D

Acq: 23 Sep 2020 18:54

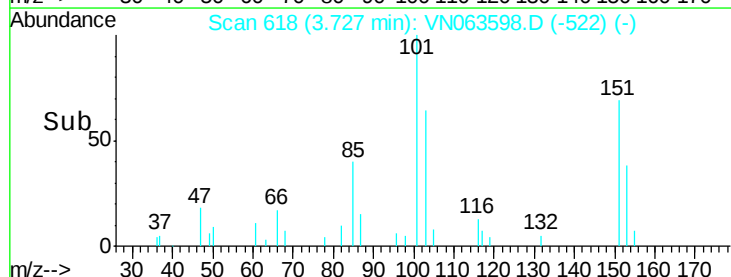
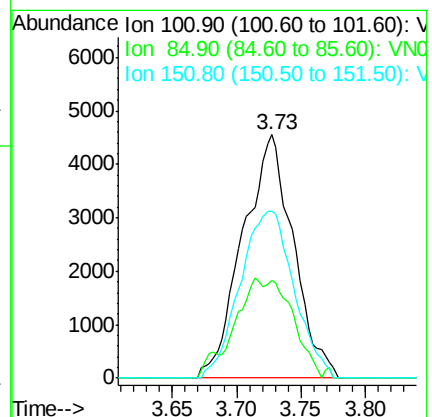
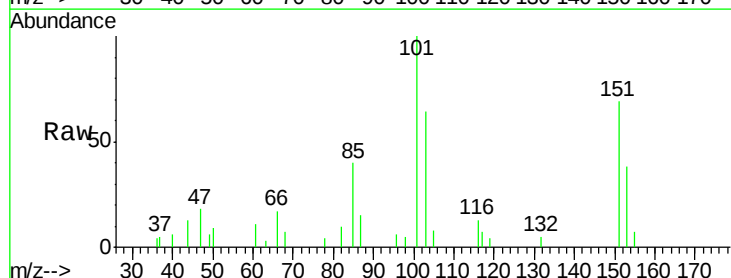
Tgt Ion:101 Resp: 12409

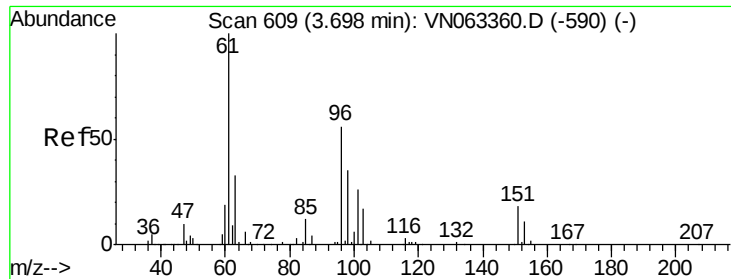
Ion Ratio Lower Upper

101 100

85 14.1 37.7 56.5#

151 73.2 57.7 86.5





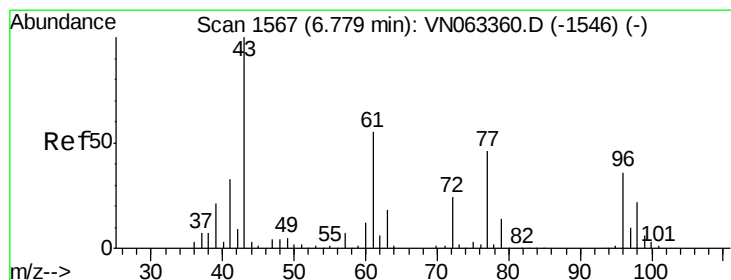
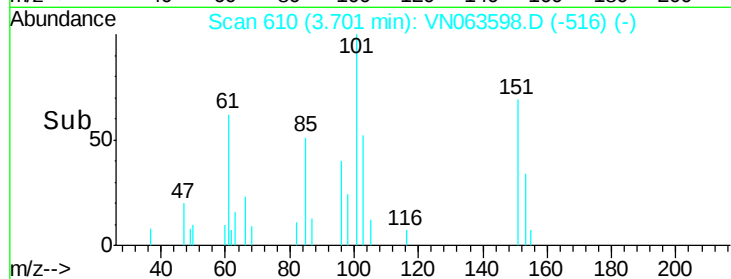
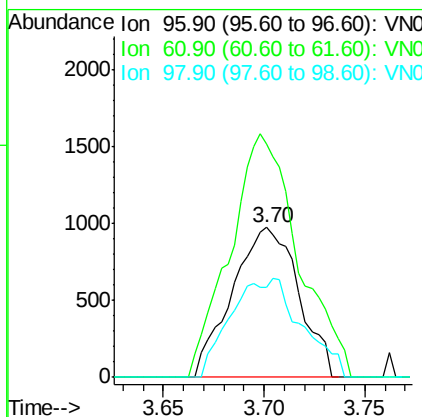
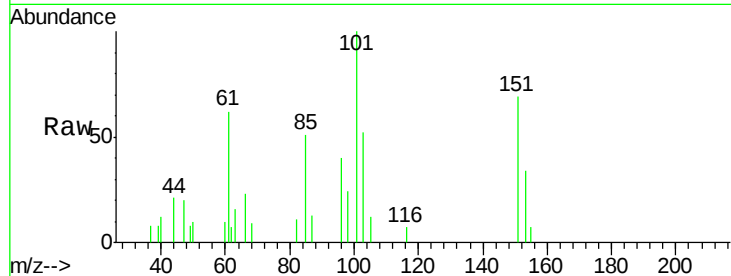
#12
 1,1-Dichloroethene
 Concen: 0.974 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063598.D
 Acq: 23 Sep 2020 18:54

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20200916

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.2	143.4	215.2
98	60.2	50.6	76.0

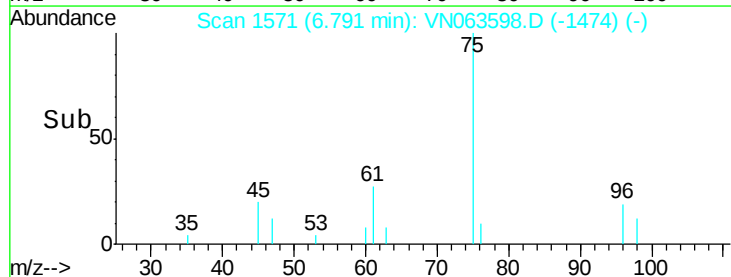
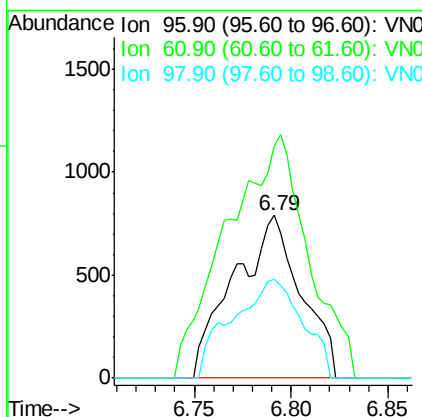
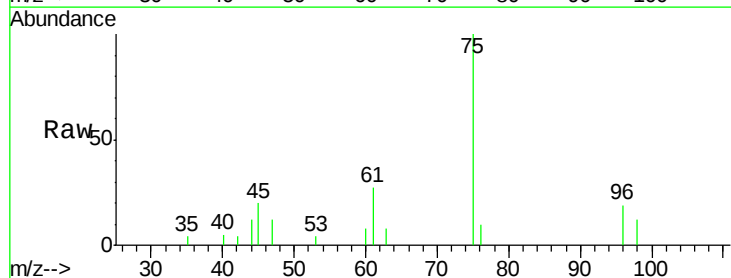
Manual Integrations
 APPROVED

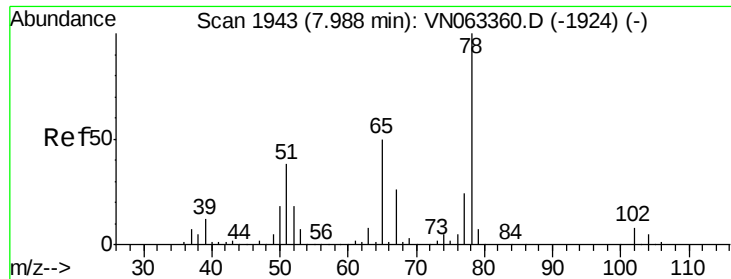
MMDadoda
 9/24/2020 1:38:04 PM



#27
 cis-1,2-Dichloroethene
 Concen: 0.660 ug/l m
 RT: 6.79 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: VN063598.D
 Acq: 23 Sep 2020 18:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	181.1	0.0	319.6
98	63.3	0.0	127.8





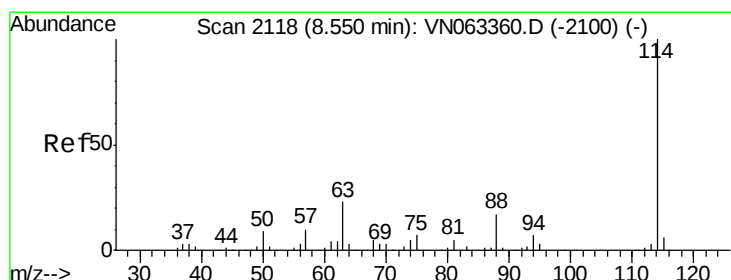
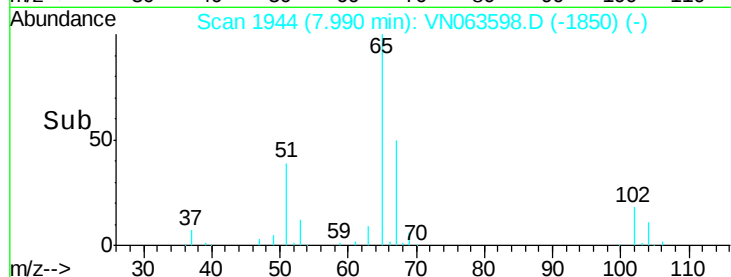
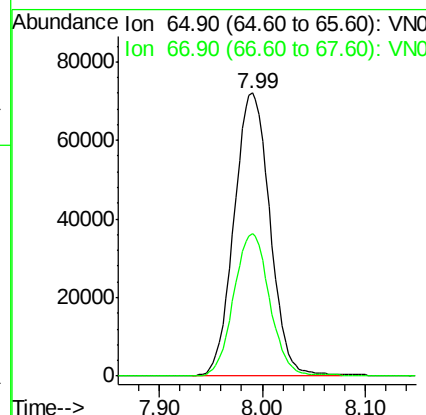
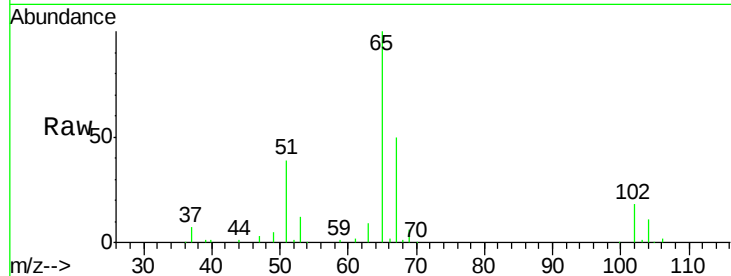
#33
 1,2-Dichloroethane-d4
 Concen: 50.509 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063598.D
 Acq: 23 Sep 2020 18:54

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20200916

Tot Ion	Ratio	Resp	Lower	Upper
65	100	174825		
67	50.5	0.0	104.2	

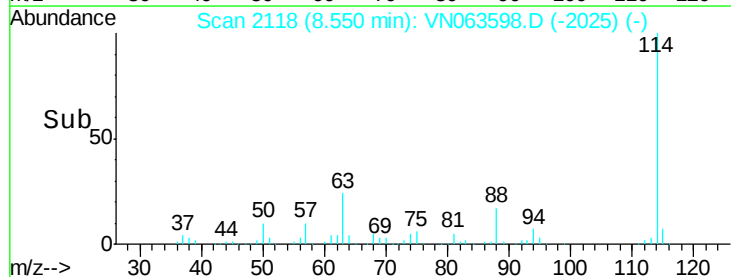
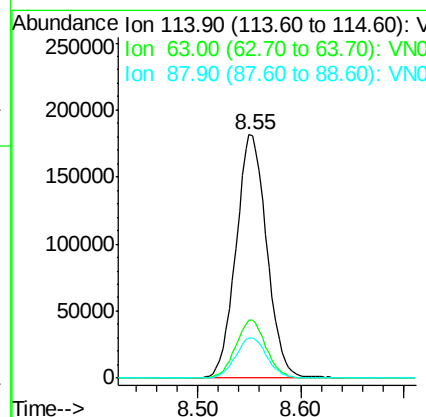
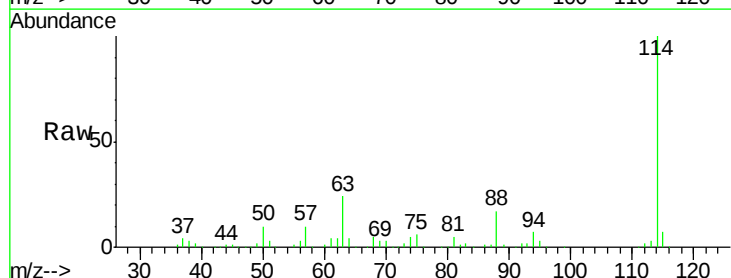
Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:38:04 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063598.D
 Acq: 23 Sep 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	377905		
63	23.7	0.0	46.4	
88	16.5	0.0	33.2	





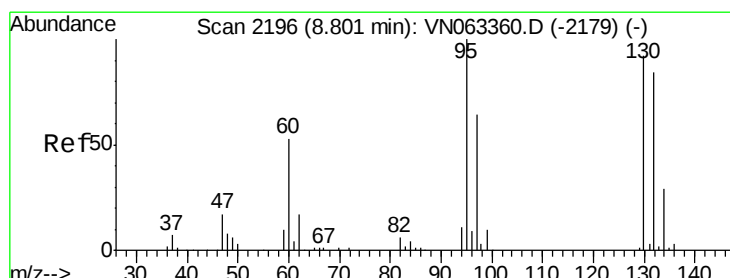
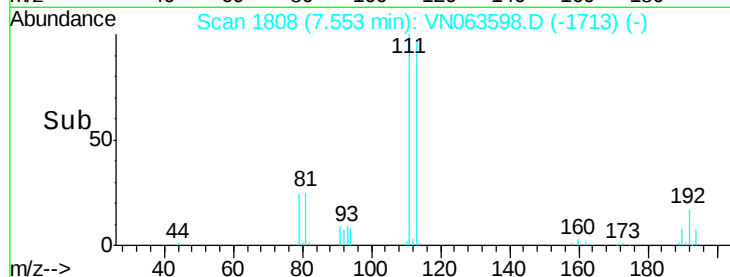
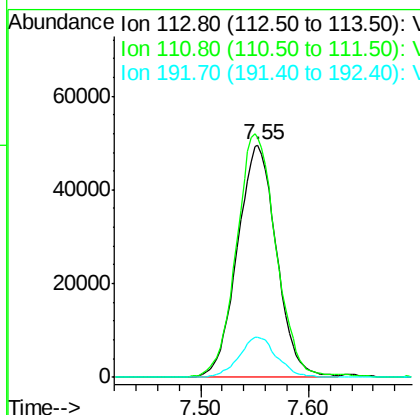
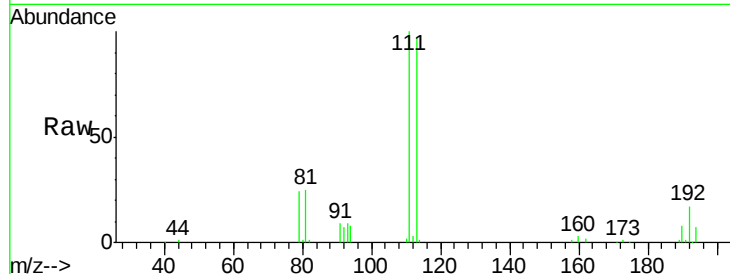
#35
 Dibromofluoromethane
 Concen: 47.610 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN063598.D
 Acq: 23 Sep 2020 18:54

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20200916

Tot Ion	Ratio	Resp	Lower	Upper
113	100	124555		
111	105.8	82.9	124.3	
192	16.6	13.9	20.9	

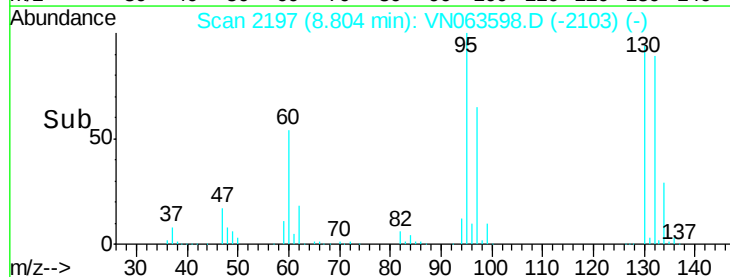
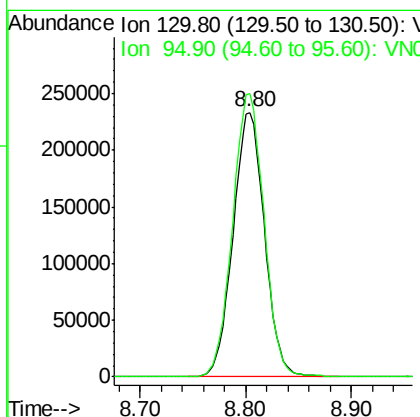
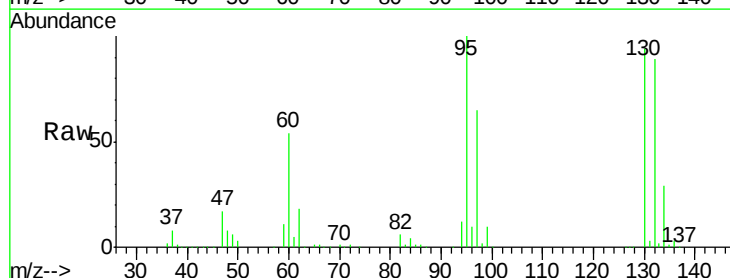
Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:38:04 PM



#44
 Trichloroethene
 Concen: 172.899 ug/l
 RT: 8.80 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN063598.D
 Acq: 23 Sep 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	481964		
95	106.9	0.0	217.4	





#50

Toluene-d8

Concen: 50.019 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063598.D

Acq: 23 Sep 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

RE120D3-20200916

Tot Ion: 98 Resp: 492045

Ion Ratio Lower Upper

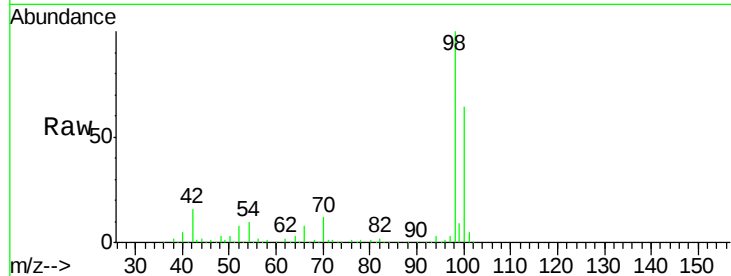
98 100

100 63.3 50.7 76.1

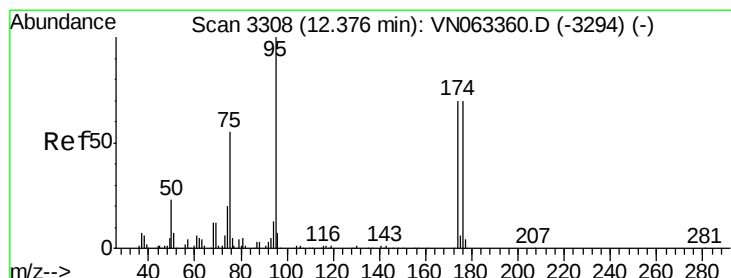
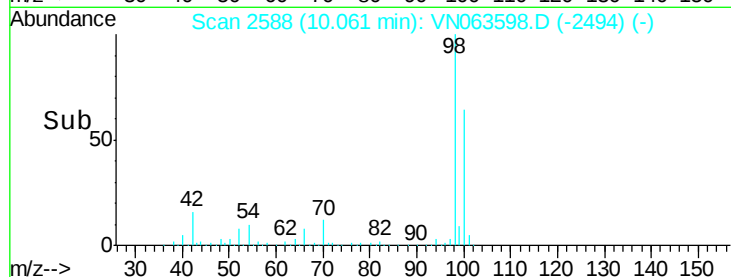
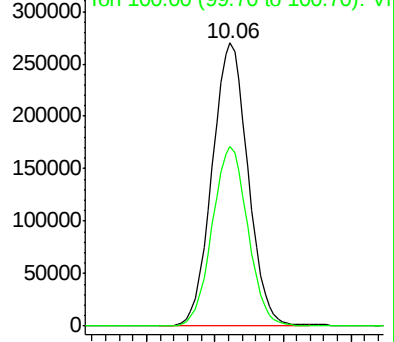
Manual Integrations
APPROVED

MMDadoda

9/24/2020 1:38:04 PM



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



#62

4-Bromofluorobenzene

Concen: 53.085 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063598.D

Acq: 23 Sep 2020 18:54

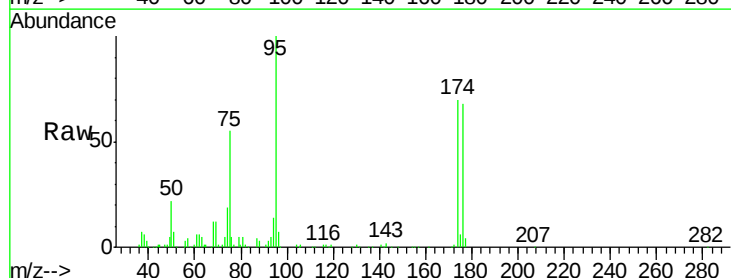
Tgt Ion: 95 Resp: 191433

Ion Ratio Lower Upper

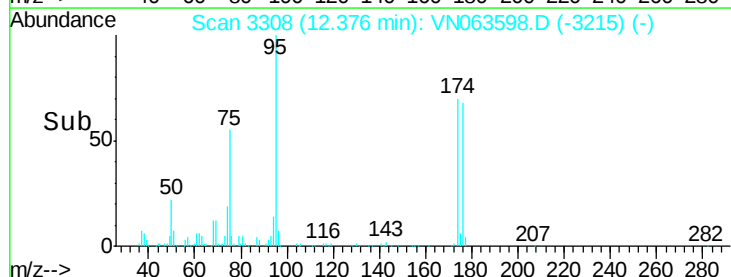
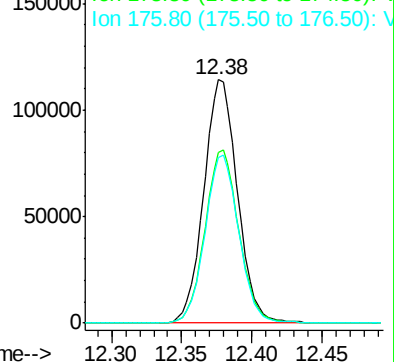
95 100

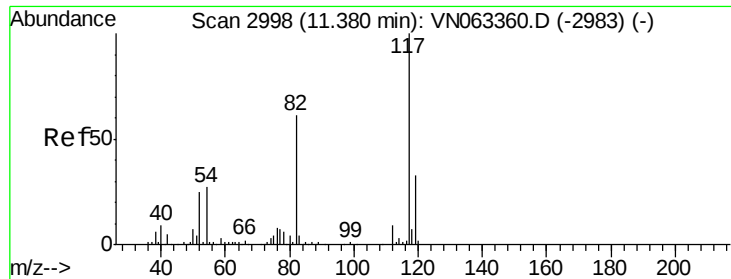
174 71.8 0.0 140.8

176 69.0 0.0 137.6



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





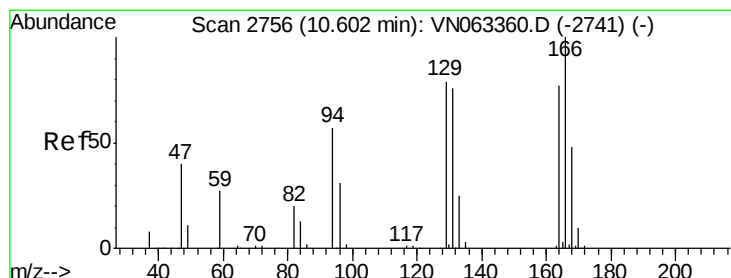
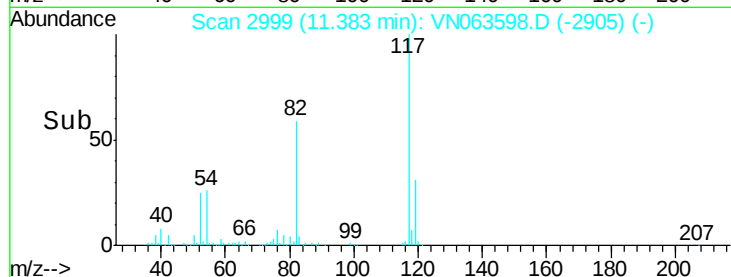
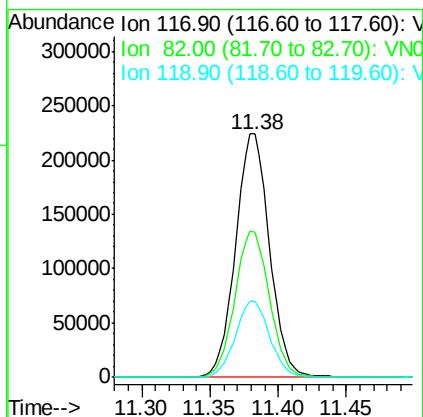
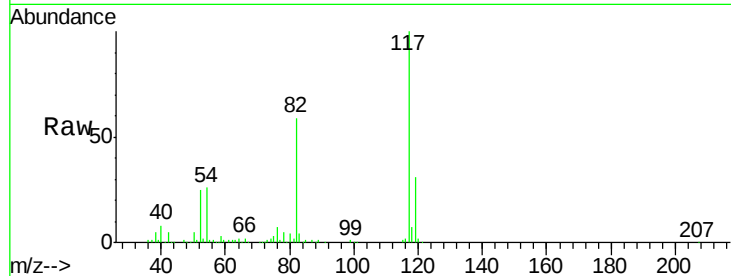
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063598.D
Acq: 23 Sep 2020 18:54

Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20200916

Tot Ion	Ratio	Resp	Lower	Upper
117	100	386604		
82	59.4		49.2	73.8
119	31.3		26.2	39.4

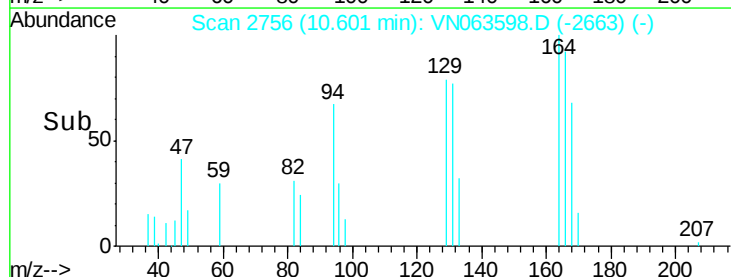
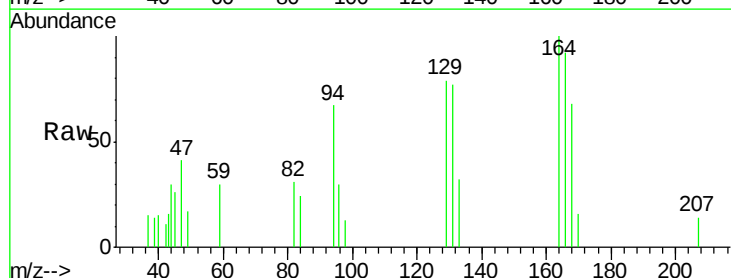
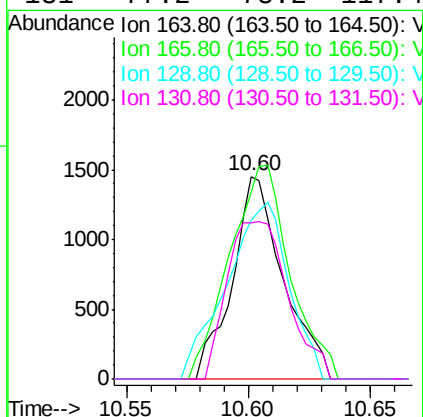
Manual Integrations
APPROVED

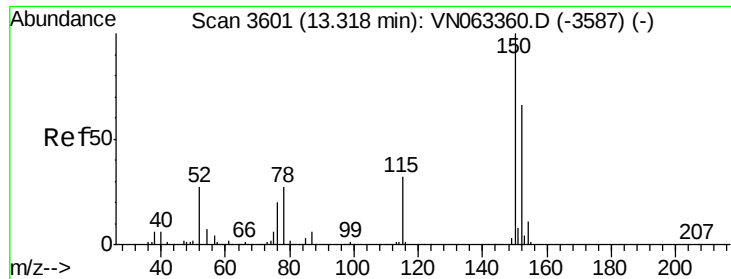
MMDadoda
9/24/2020 1:38:04 PM



#64
Tetrachloroethene
Concen: 0.799 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063598.D
Acq: 23 Sep 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	2104		
166	92.3		103.4	155.0#
129	78.6		81.8	122.6#
131	77.2		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: VN063598.D

Acq: 23 Sep 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

RE120D3-20200916

Tot Ion:	152	Resp:	163324
Ion Ratio	Lower	Upper	
152	100		
115	64.2	32.2	96.6
150	157.3	0.0	343.4

Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:38:04 PM

