

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062468.D
 Acq On : 9 Jul 2020 20:38
 Operator : JC/MD
 Sample : L3192-12RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-614-616RE

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 9:23:14 AM

Quant Time: Jul 10 02:04:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	205566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	371091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	357742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	133761	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	157886	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
35) Dibromofluoromethane	7.55	113	116491	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
50) Toluene-d8	10.06	98	476610	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.38	95	175795	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
Target Compounds						
16) Acetone	3.78	43	21885	16.303	ug/l	99
18) Methyl Acetate	4.28	43	5590m	1.669	ug/l	
20) Methylene Chloride	4.50	84	17037	5.936	ug/l	93
43) Isopropyl Acetate	8.13	43	73032	10.575	ug/l #	92

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

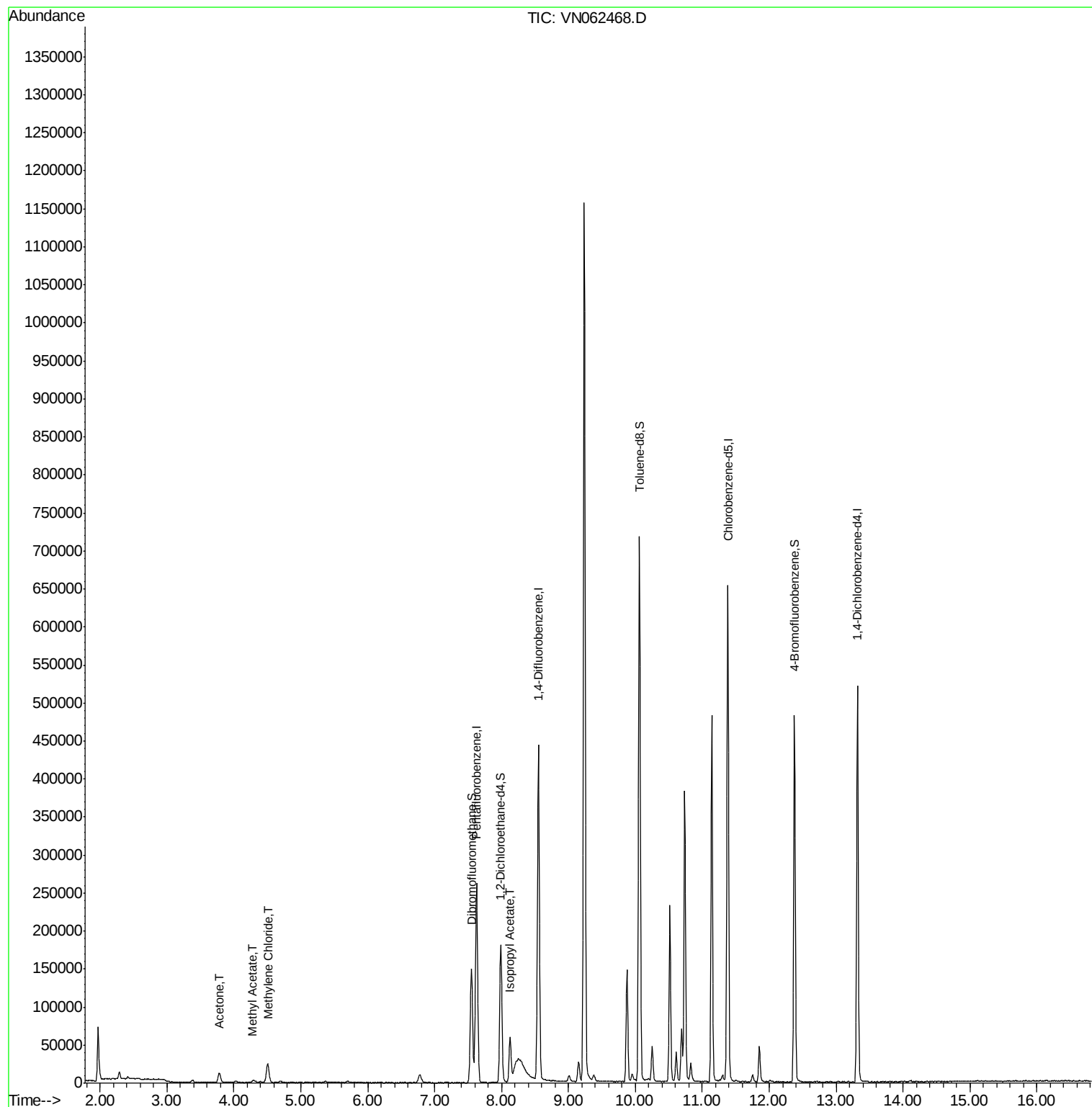
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070920\
Data File : VN062468.D
Acq On : 9 Jul 2020 20:38
Operator : JC/MD
Sample : L3192-12RE
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

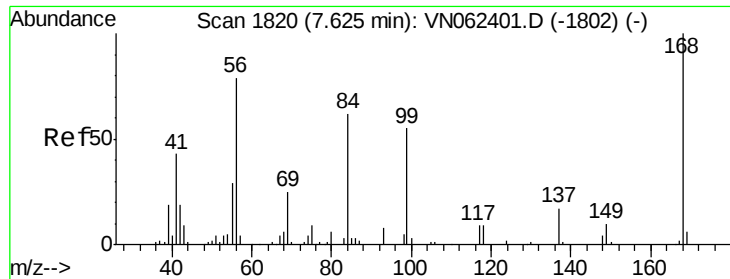
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-614-616RE

Manual Integrations
APPROVED

MMDadoda
7/10/2020 9:23:14 AM

Quant Time: Jul 10 02:04:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062468.D

Acq: 9 Jul 2020 20:38

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-614-616RE

Tot Ion:168 Resp: 205566

Ion Ratio Lower Upper

168 100

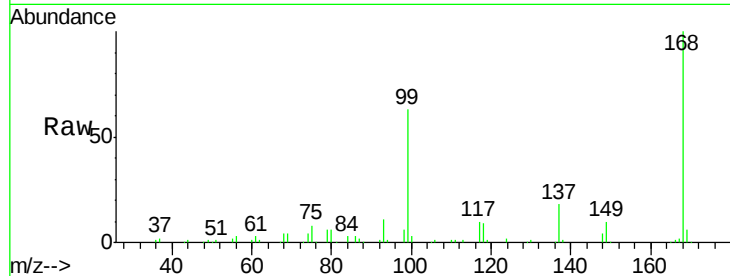
99 62.9 48.8 73.2

Manual Integrations

APPROVED

MMDadoda

7/10/2020 9:23:14 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

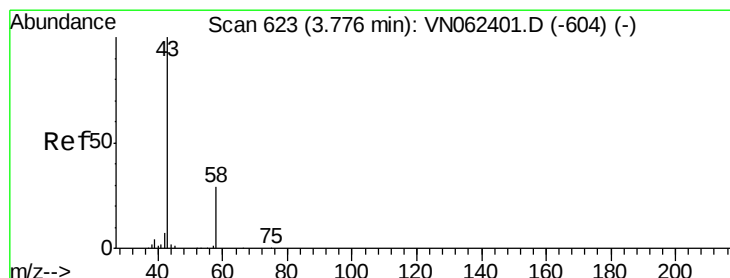
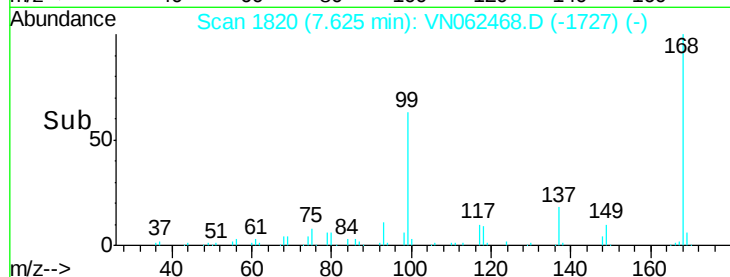
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 16.303 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062468.D

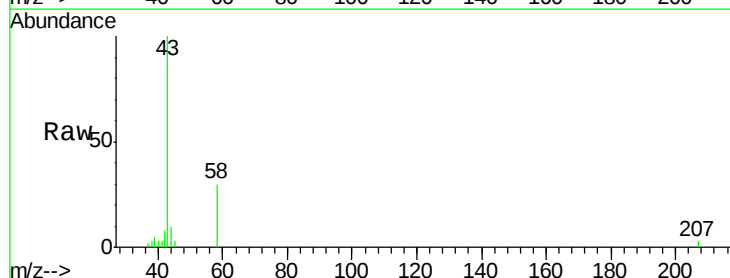
Acq: 9 Jul 2020 20:38

Tgt Ion: 43 Resp: 21885

Ion Ratio Lower Upper

43 100

58 30.1 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

8000

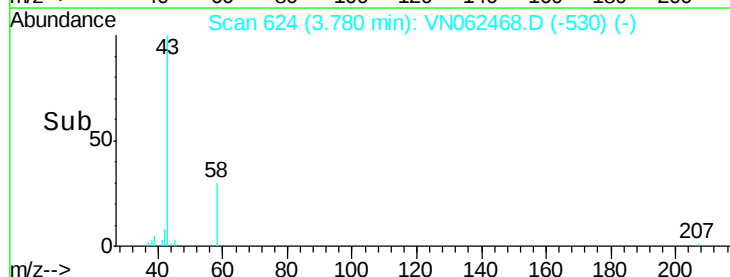
6000

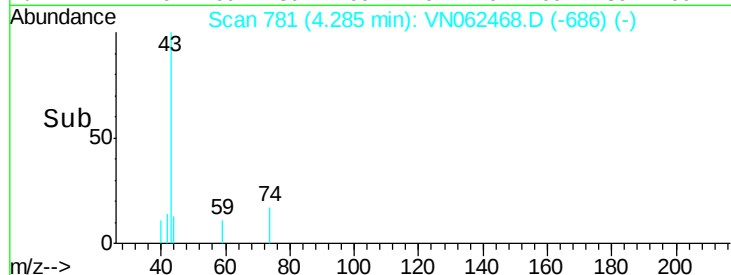
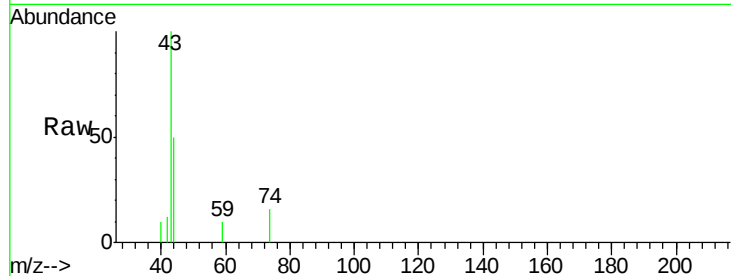
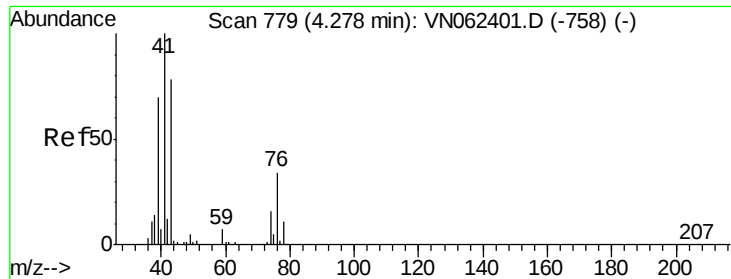
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90





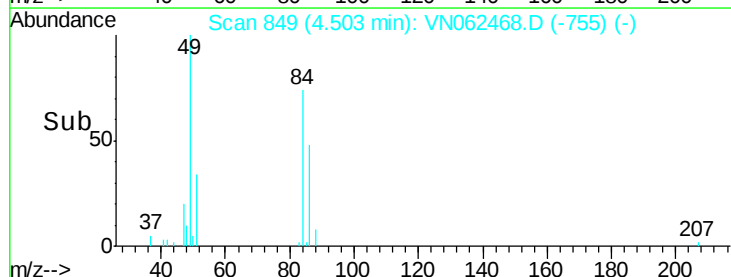
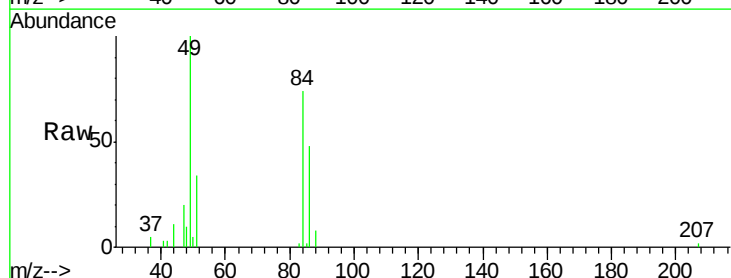
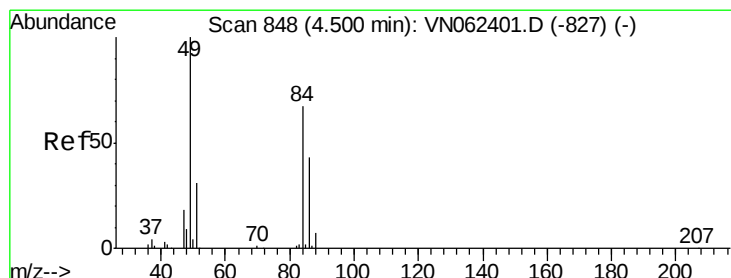
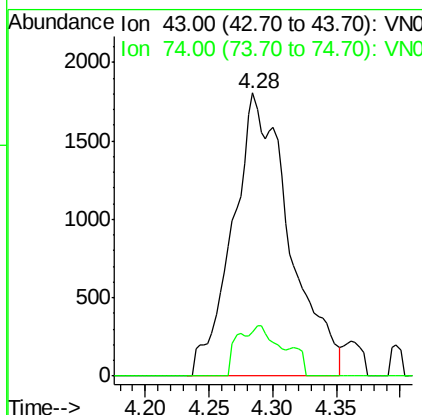
#18
Methyl Acetate
Concen: 1.669 ug/l m
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062468.D
Acq: 9 Jul 2020 20:38

Tot Ion: 43 Resp: 5590
Ion Ratio Lower Upper
43 100
74 4.4 16.0 24.0#

Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-614-616RE

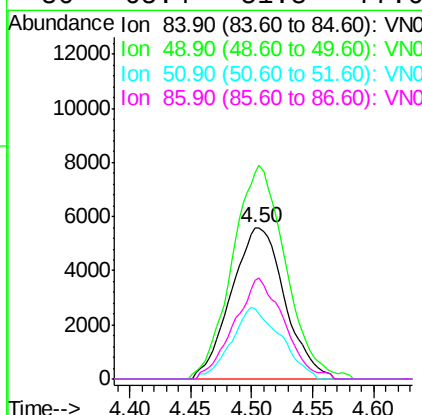
Manual Integrations
APPROVED

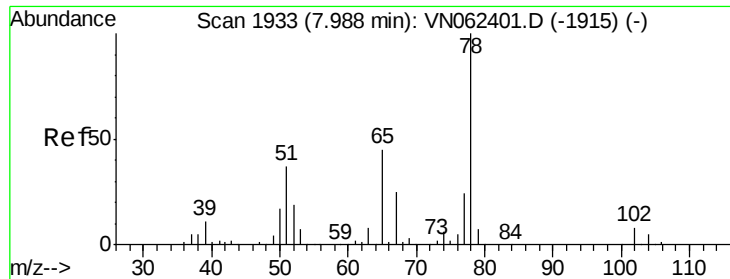
MMDadoda
7/10/2020 9:23:14 AM



#20
Methylene Chloride
Concen: 5.936 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062468.D
Acq: 9 Jul 2020 20:38

Tgt Ion: 84 Resp: 17037
Ion Ratio Lower Upper
84 100
49 135.9 120.0 180.0
51 46.9 37.0 55.6
86 65.4 51.8 77.6





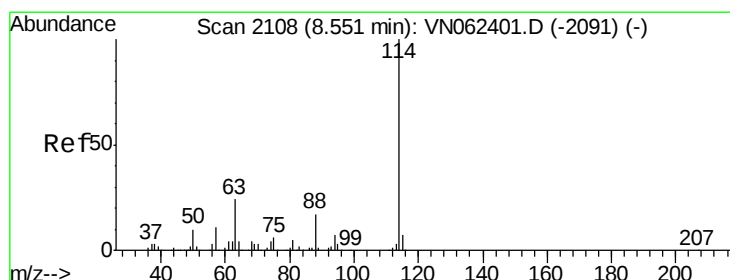
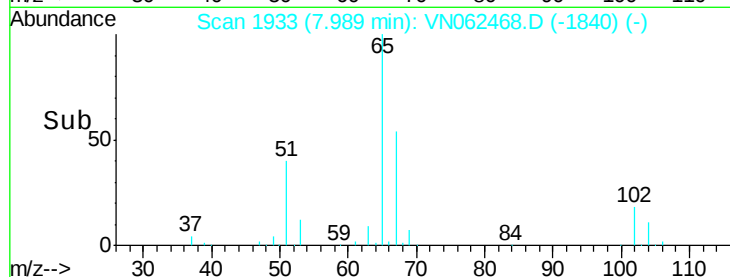
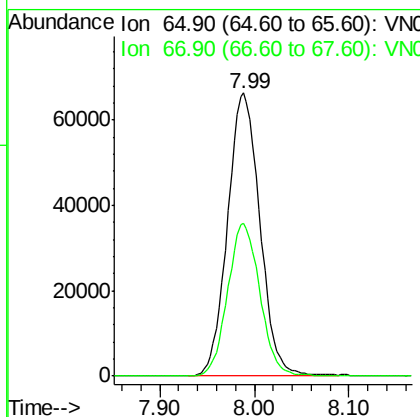
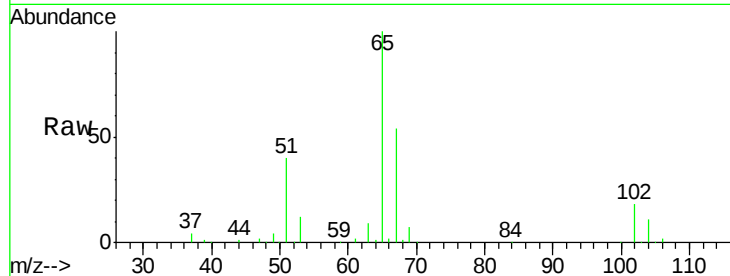
#33
 1,2-Dichloroethane-d4
 Concen: 49.934 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062468.D
 Acq: 9 Jul 2020 20:38

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-614-616RE

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.8	0.0	107.6	

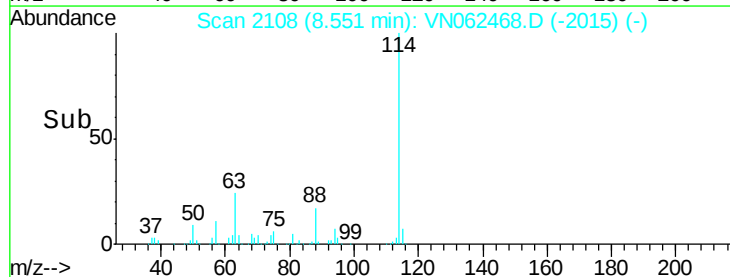
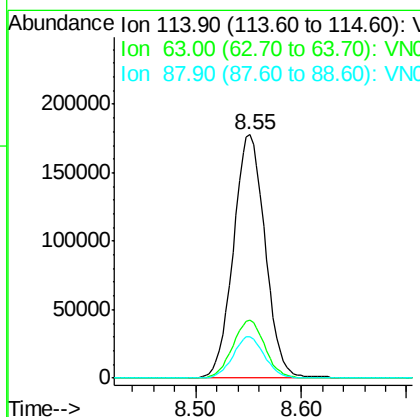
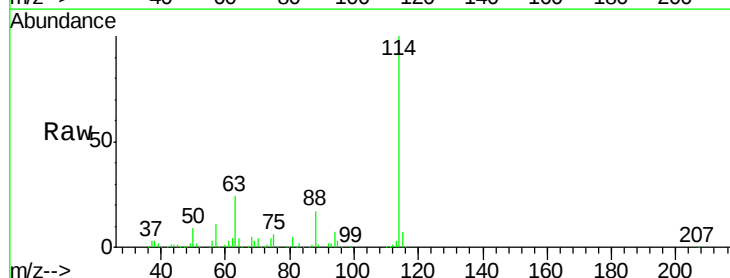
Manual Integrations
 APPROVED

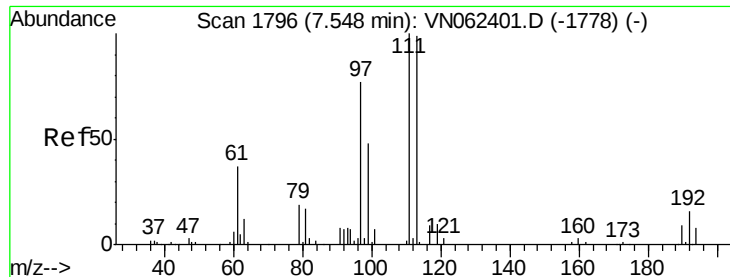
MMDadoda
 7/10/2020 9:23:14 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062468.D
 Acq: 9 Jul 2020 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.8	0.0	48.4	
88	17.1	0.0	33.8	





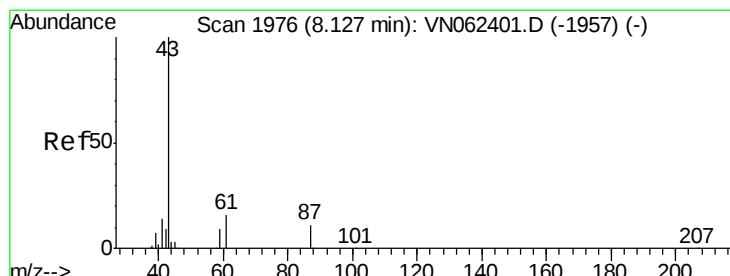
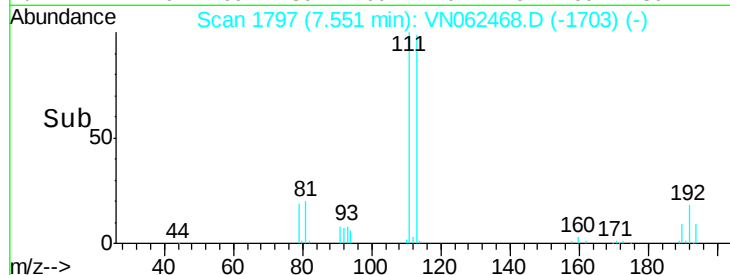
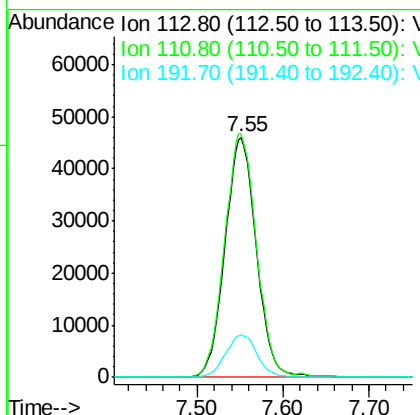
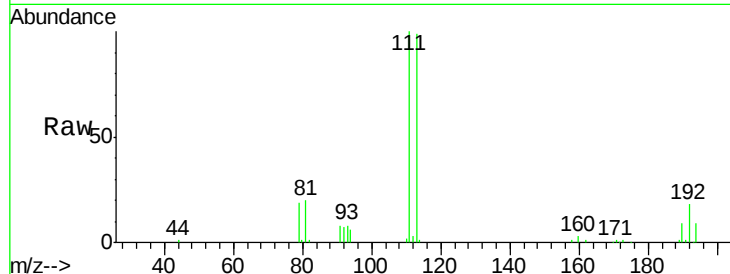
#35
 Dibromofluoromethane
 Concen: 50.784 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062468.D
 Acq: 9 Jul 2020 20:38

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-614-616RE

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.6	83.1	124.7	
192	17.9	14.1	21.1	

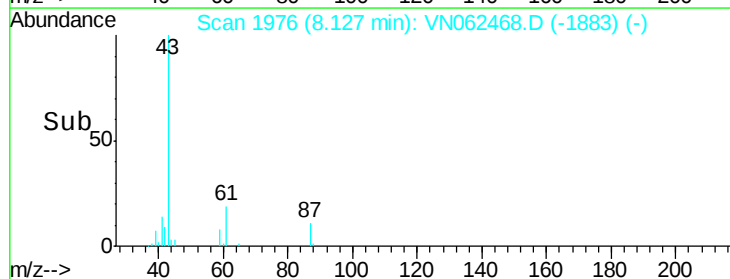
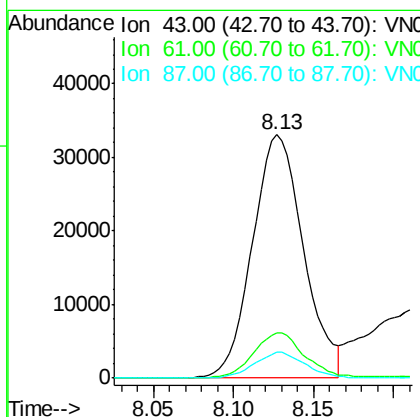
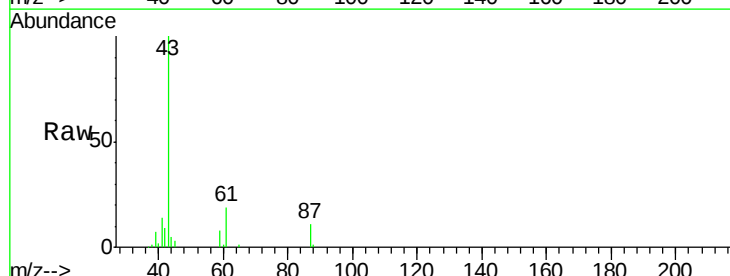
Manual Integrations
 APPROVED

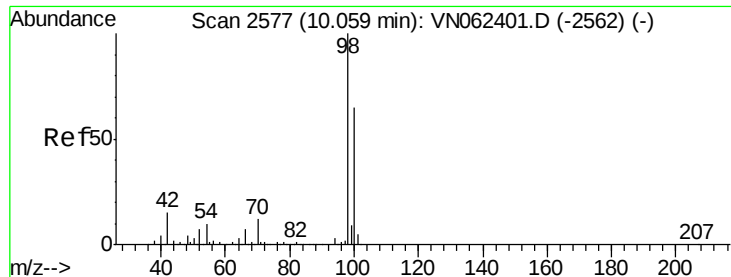
MMDadoda
 7/10/2020 9:23:14 AM



#43
 Isopropyl Acetate
 Concen: 10.575 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN062468.D
 Acq: 9 Jul 2020 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	18.6	19.3	28.9#	
87	10.3	8.6	13.0	





#50

Toluene-d8

Concen: 52.633 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062468.D

Acq: 9 Jul 2020 20:38

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-614-616RE

Tot Ion: 98 Resp: 476610

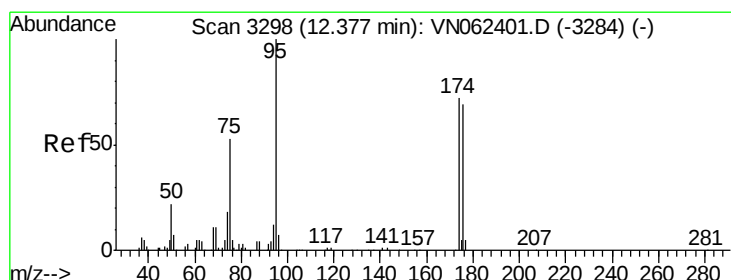
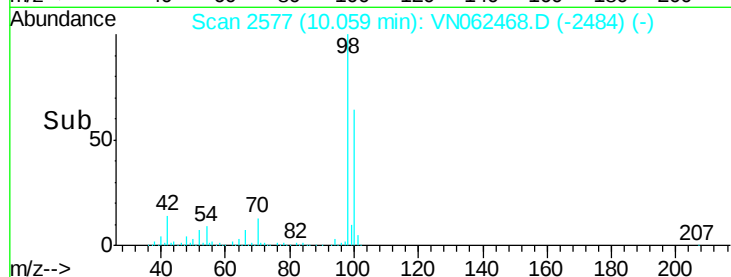
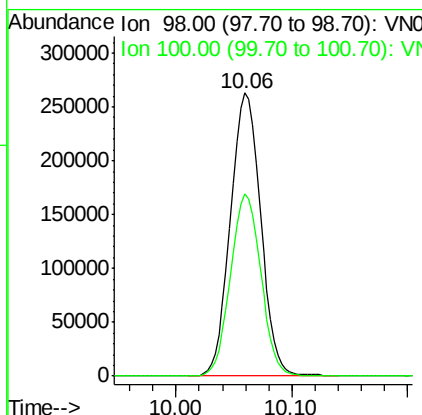
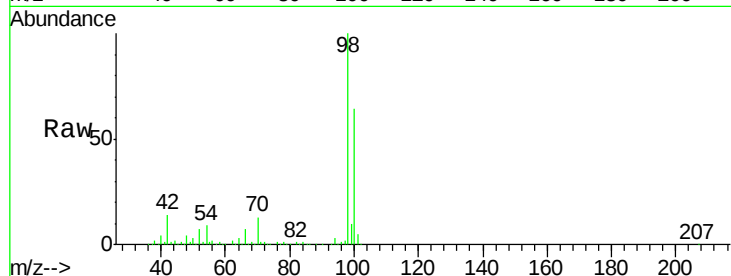
Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3

Manual Integrations
APPROVED

MMDadoda
7/10/2020 9:23:14 AM



#62

4-Bromofluorobenzene

Concen: 53.124 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062468.D

Acq: 9 Jul 2020 20:38

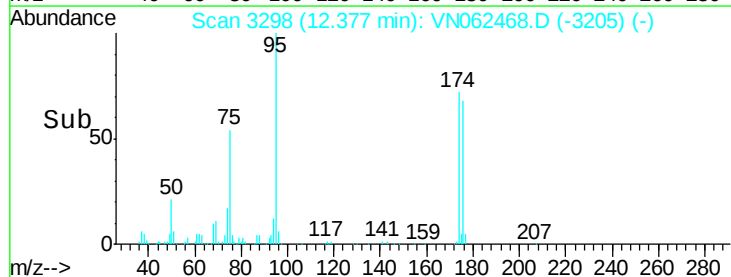
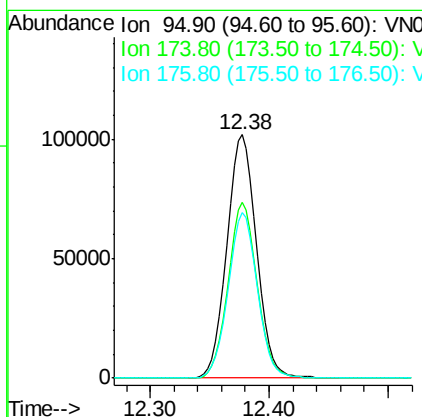
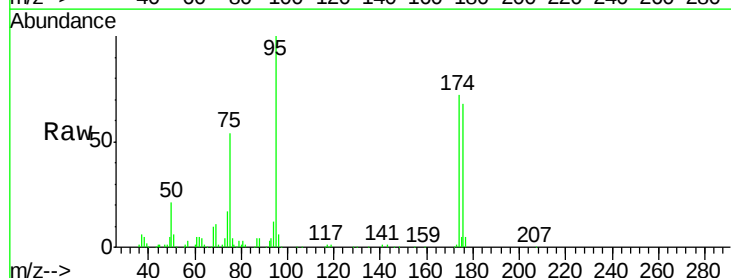
Tgt Ion: 95 Resp: 175795

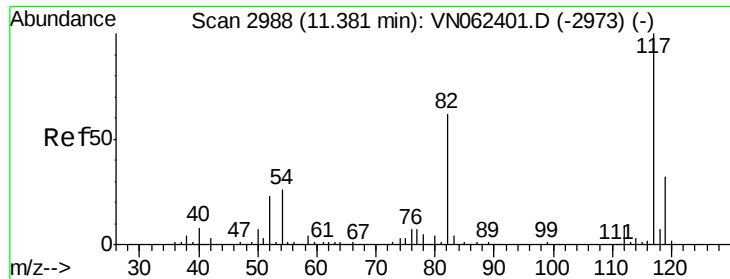
Ion Ratio Lower Upper

95 100

174 70.6 0.0 141.6

176 66.9 0.0 137.2





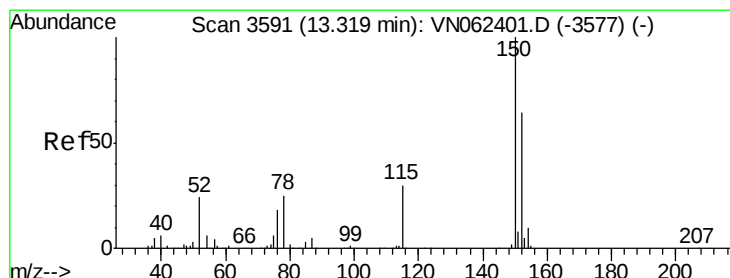
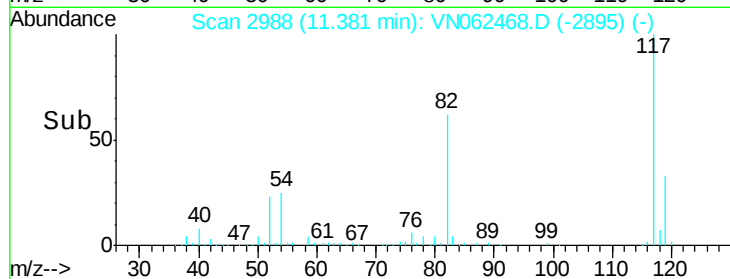
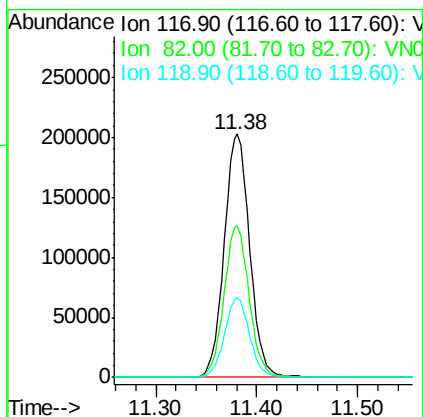
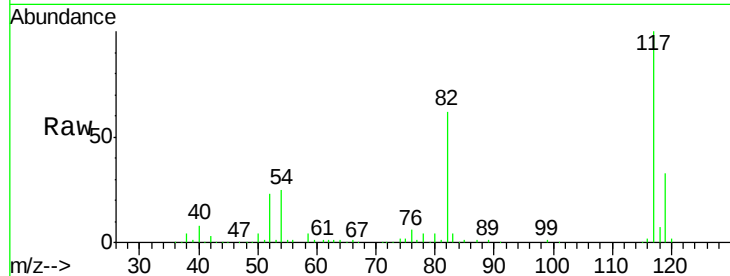
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062468.D
Acq: 9 Jul 2020 20:38

Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-614-616RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.1	49.6	74.4
119	32.7	25.4	38.0

Manual Integrations
APPROVED

MMDadoda
7/10/2020 9:23:14 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062468.D
Acq: 9 Jul 2020 20:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.8	31.4	94.2
150	159.3	0.0	347.4

