

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110620\
 Data File : VN064490.D
 Acq On : 6 Nov 2020 18:03
 Operator : JC/MD
 Sample : L4625-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CONTAINER-002-3B

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 9:56:48 AM

Quant Time: Nov 07 04:28:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	246206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	517521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	553244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196342	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	239137	55.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.52%	
35) Dibromofluoromethane	7.55	113	175997	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
50) Toluene-d8	10.06	98	675882	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.38	95	256490	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
Target Compounds						
16) Acetone	3.78	43	21403	13.102	ug/l	98
18) Methyl Acetate	4.30	43	5640m	1.756	ug/l	
20) Methylene Chloride	4.51	84	9581	2.956	ug/l	85
43) Isopropyl Acetate	8.13	43	93337	10.534	ug/l	99

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

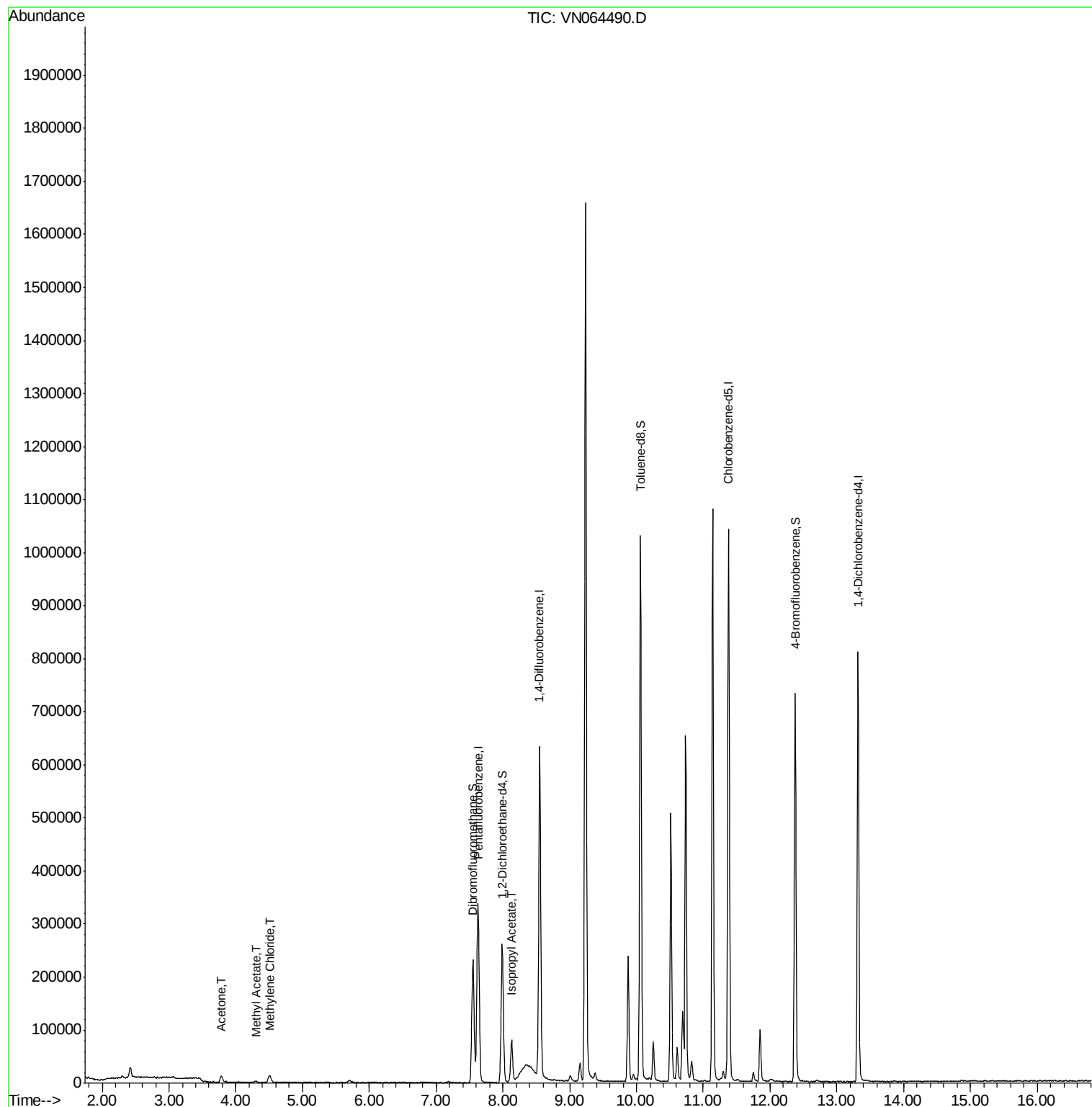
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110620\
Data File : VN064490.D
Acq On : 6 Nov 2020 18:03
Operator : JC/MD
Sample : L4625-21
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CONTAINER-002-3B

Manual Integrations
APPROVED

MMDadoda
11/9/2020 9:56:48 AM

Quant Time: Nov 07 04:28:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 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: VN064490.D

Acq: 6 Nov 2020 18:03

Instrument :

MSVOA_N

ClientSampleId :

CONTAINER-002-3B

Tot Ion:168 Resp: 246206

Ion Ratio Lower Upper

168 100

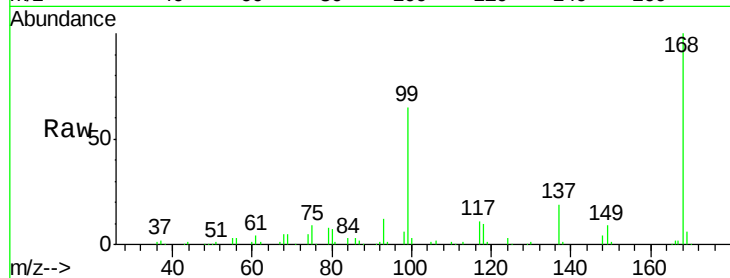
99 65.0 53.4 80.2

Manual Integrations

APPROVED

MMDadoda

11/9/2020 9:56:48 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

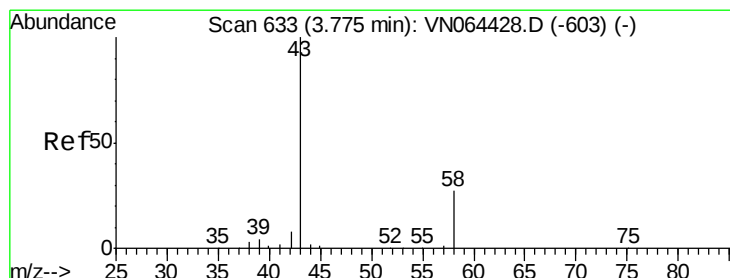
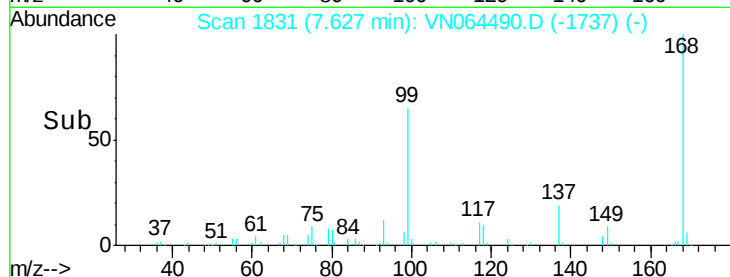
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 13.102 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064490.D

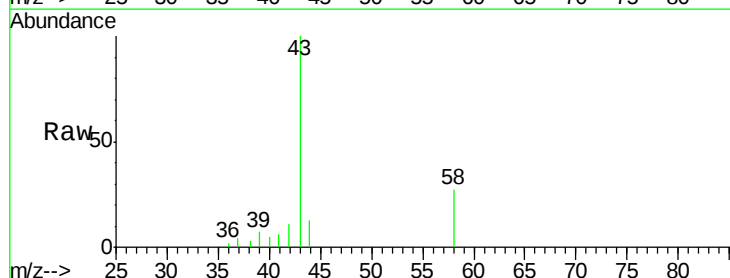
Acq: 6 Nov 2020 18:03

Tgt Ion: 43 Resp: 21403

Ion Ratio Lower Upper

43 100

58 27.5 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

8000

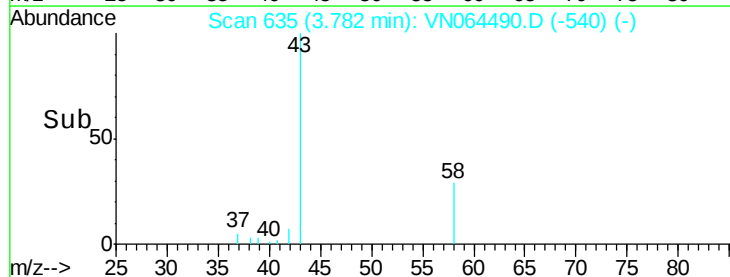
6000

4000

2000

0

Time-->





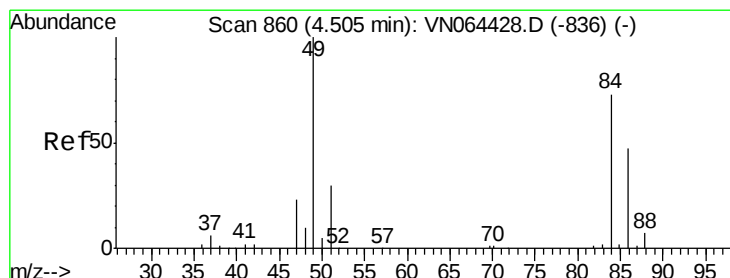
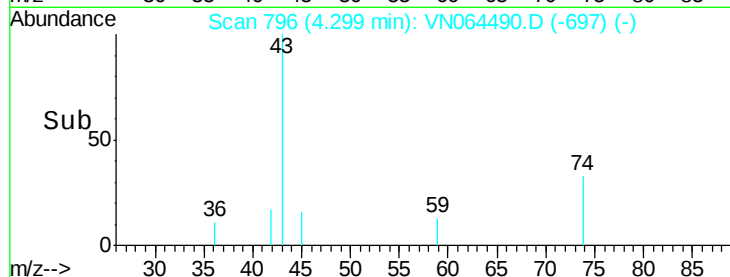
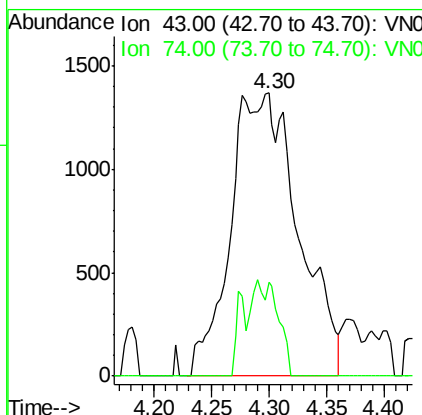
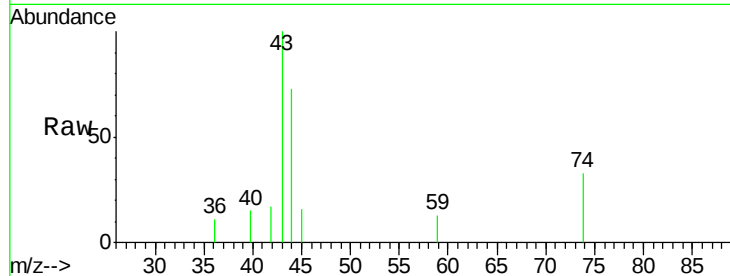
#18
Methyl Acetate
Concen: 1.756 ug/l m
RT: 4.30 min Scan# 796
Delta R.T. 0.02 min
Lab File: VN064490.D
Acq: 6 Nov 2020 18:03

Instrument :
MSVOA_N
ClientSampleId :
CONTAINER-002-3B

Tot Ion: 43 Resp: 5640
Ion Ratio Lower Upper
43 100
74 4.1 17.0 25.4#

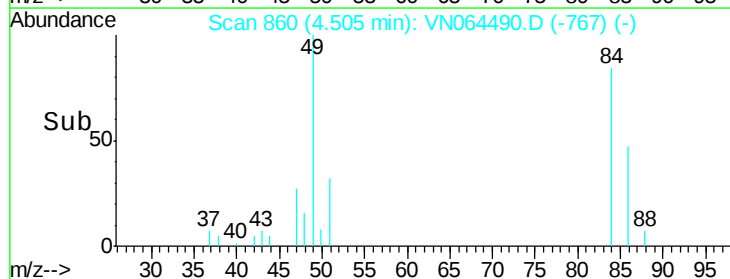
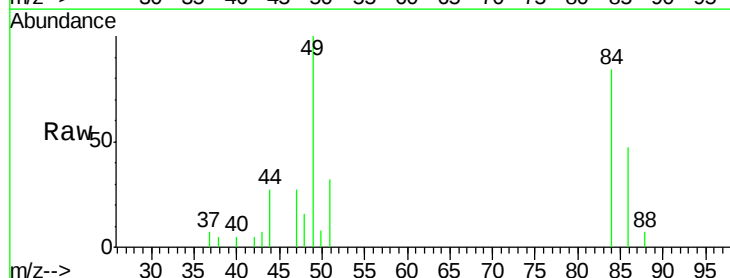
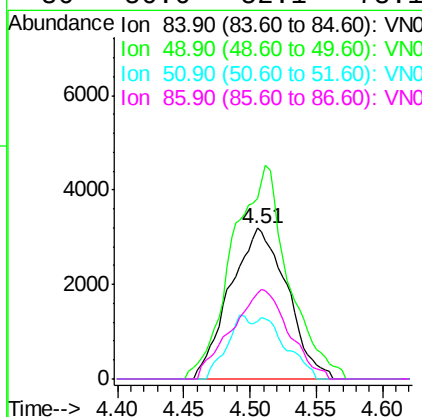
Manual Integrations
APPROVED

MMDadoda
11/9/2020 9:56:48 AM



#20
Methylene Chloride
Concen: 2.956 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064490.D
Acq: 6 Nov 2020 18:03

Tgt Ion: 84 Resp: 9581
Ion Ratio Lower Upper
84 100
49 115.0 110.1 165.1
51 37.9 33.6 50.4
86 56.6 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 55.762 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064490.D

Acq: 6 Nov 2020 18:03

Instrument :

MSVOA_N

ClientSampleId :

CONTAINER-002-3B

Tot Ion: 65 Resp: 239137

Ion Ratio Lower Upper

65 100

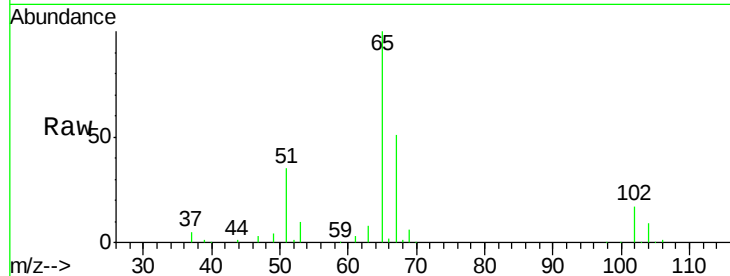
67 50.7 0.0 101.6

Manual Integrations

APPROVED

MMDadoda

11/9/2020 9:56:48 AM



Abundance Ion 64.90 (64.60 to 65.60): VN064490.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064490.D (-1850) (-)

7.99

100000

80000

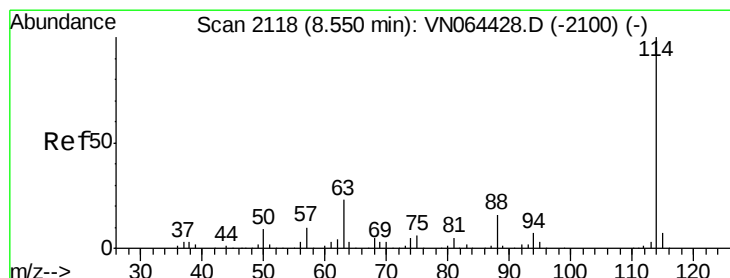
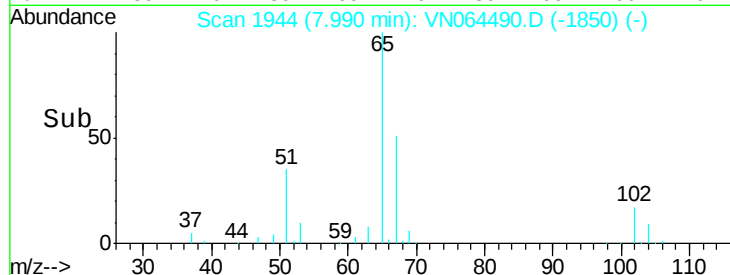
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN064490.D

Acq: 6 Nov 2020 18:03

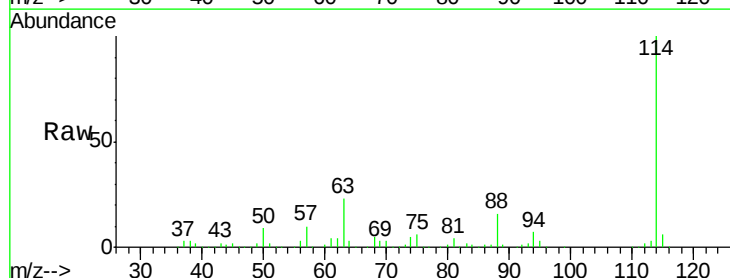
Tgt Ion: 114 Resp: 517521

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

88 15.7 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VN064490.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064490.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064490.D (-2025) (-)

8.55

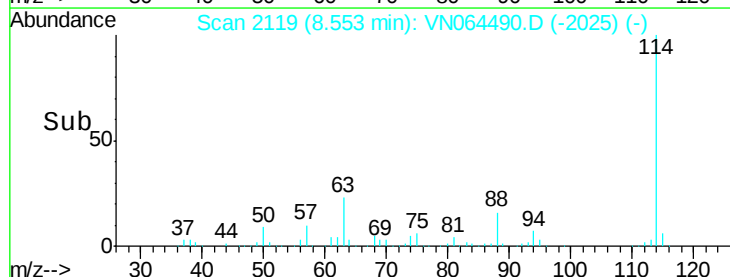
300000

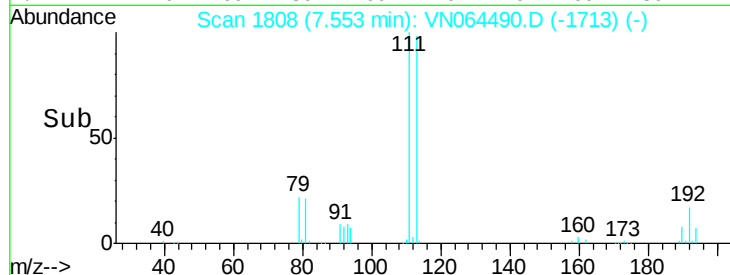
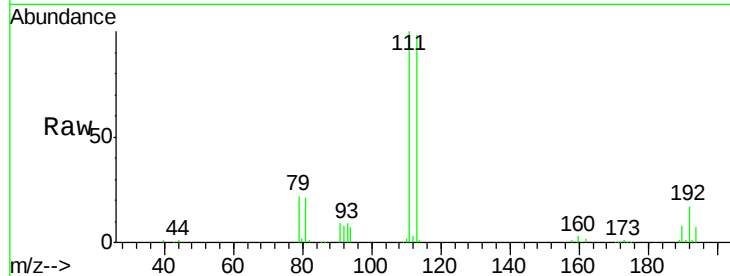
200000

100000

0

Time-->





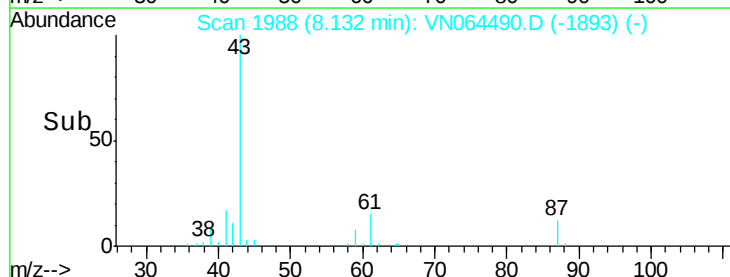
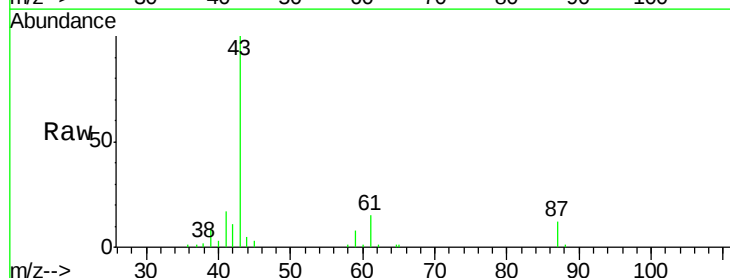
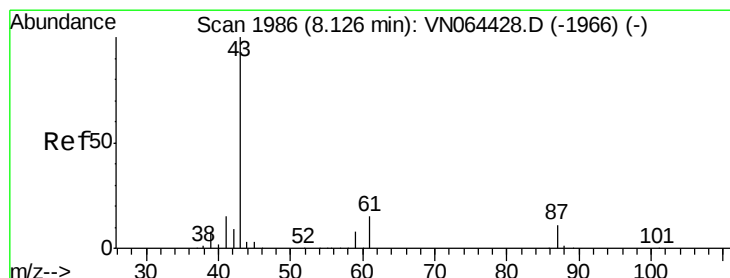
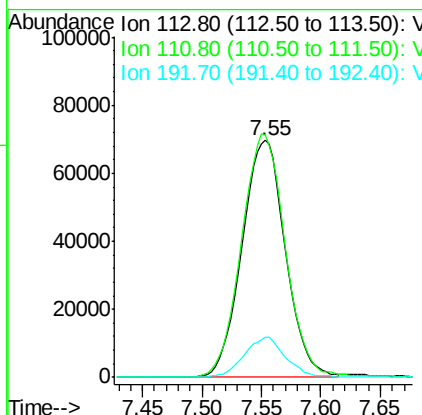
#35
Dibromofluoromethane
Concen: 49.948 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VN064490.D
Acq: 6 Nov 2020 18:03

Tot Ion	Ratio	Resp	Lower	Upper
113	100	175997		
111	103.5	81.1	121.7	
192	16.2	12.8	19.2	

Instrument :
MSVOA_N
ClientSampleId :
CONTAINER-002-3B

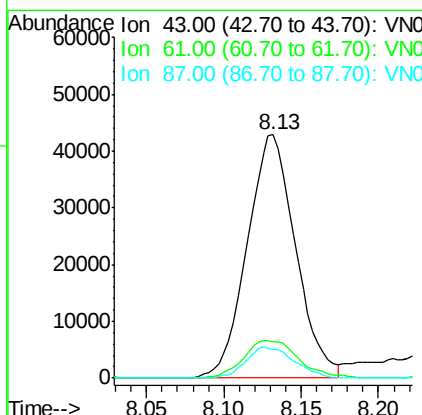
Manual Integrations
APPROVED

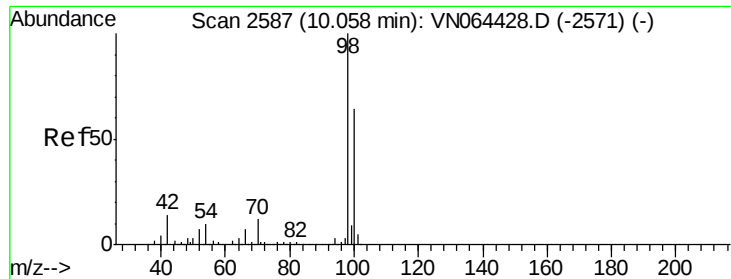
MMDadoda
11/9/2020 9:56:48 AM



#43
Isopropyl Acetate
Concen: 10.534 ug/l
RT: 8.13 min Scan# 1988
Delta R.T. 0.01 min
Lab File: VN064490.D
Acq: 6 Nov 2020 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	93337		
61	17.5	14.0	21.0	
87	12.6	9.1	13.7	





#50

Toluene-d8

Concen: 49.629 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064490.D

Acq: 6 Nov 2020 18:03

Instrument :

MSVOA_N

ClientSampleId :

CONTAINER-002-3B

Tot Ion: 98 Resp: 675882

Ion Ratio Lower Upper

98 100

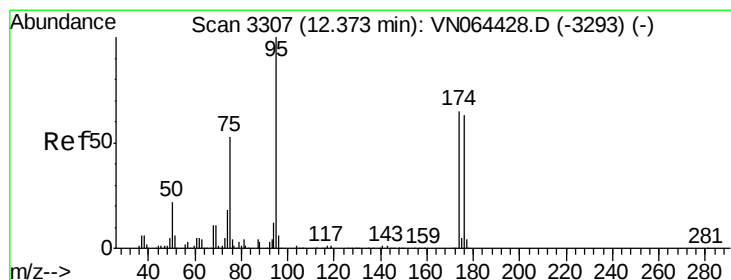
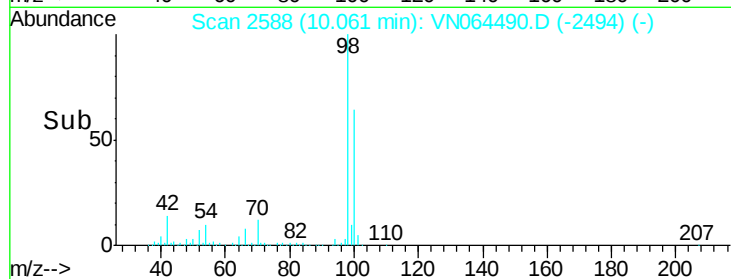
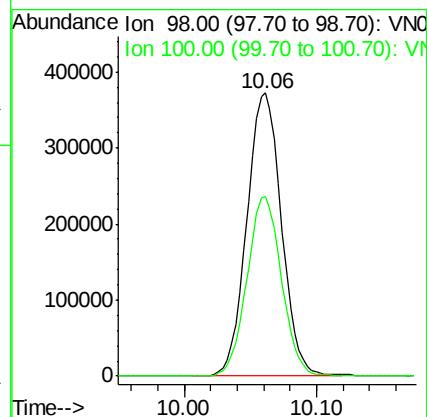
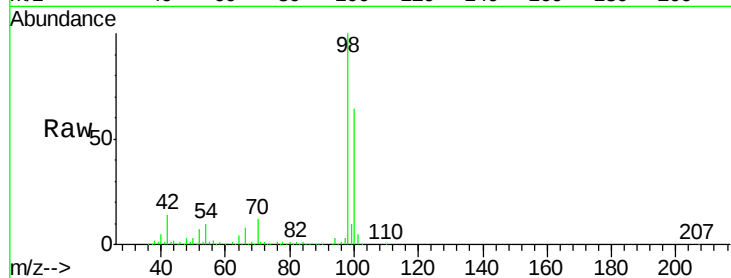
100 63.5 50.7 76.1

Manual Integrations

APPROVED

MMDadoda

11/9/2020 9:56:48 AM



#62

4-Bromofluorobenzene

Concen: 49.800 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064490.D

Acq: 6 Nov 2020 18:03

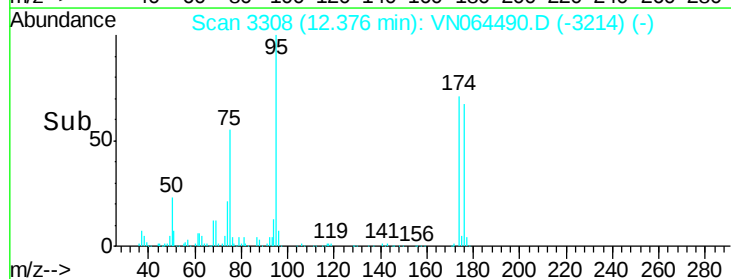
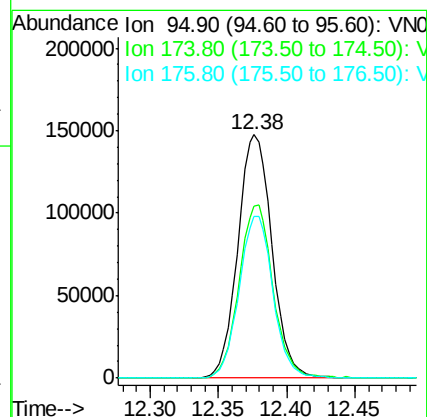
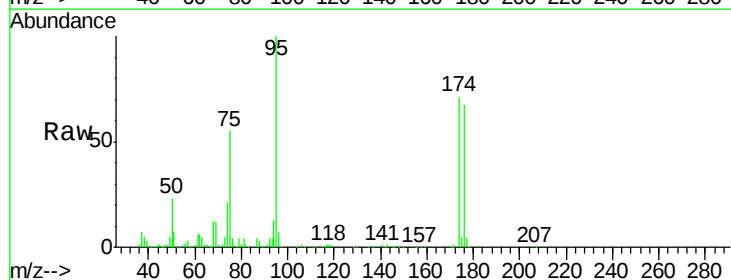
Tgt Ion: 95 Resp: 256490

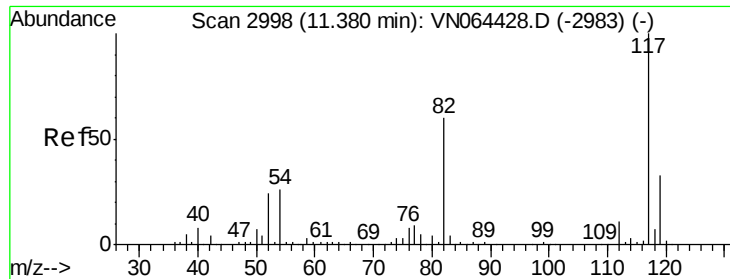
Ion Ratio Lower Upper

95 100

174 71.0 0.0 132.6

176 66.2 0.0 129.2





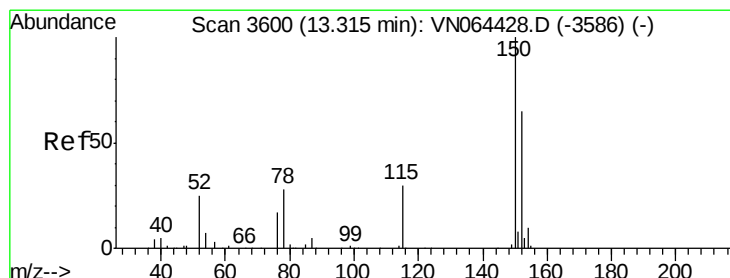
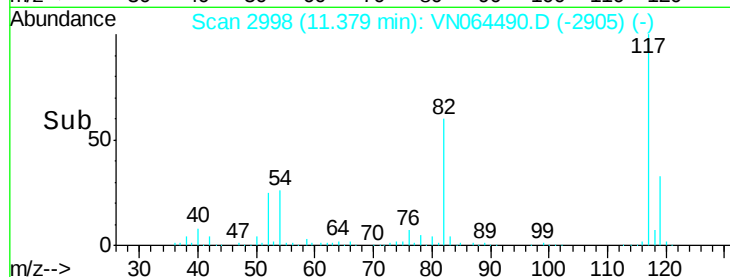
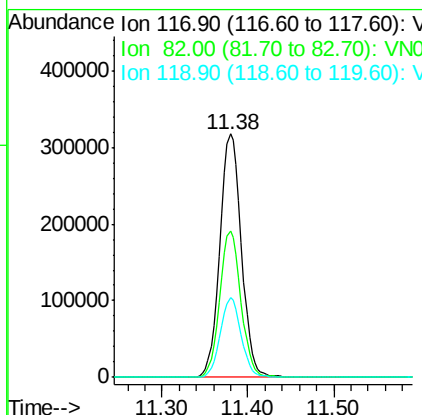
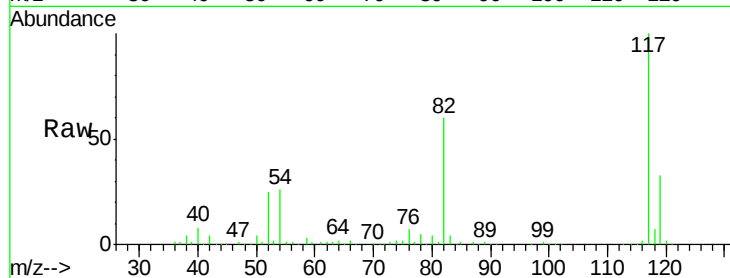
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064490.D
Acq: 6 Nov 2020 18:03

Instrument :
MSVOA_N
ClientSampleId :
CONTAINER-002-3B

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.1	48.1	72.1
119	32.5	26.2	39.4

Manual Integrations
APPROVED

MMDadoda
11/9/2020 9:56:48 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064490.D
Acq: 6 Nov 2020 18:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.3	32.0	96.0
150	158.0	0.0	353.8

