

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
 Data File : VN064559.D
 Acq On : 11 Nov 2020 16:50
 Operator : JC/MD
 Sample : PB132934ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132934ZHE#03

Manual Integrations
 APPROVED

MMDadoda
 11/12/2020 9:12:48 AM

Quant Time: Nov 12 02:32:30 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	237553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	504074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	546224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	238008	57.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.04%	
35) Dibromofluoromethane	7.55	113	169237	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
50) Toluene-d8	10.06	98	670928	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.38	95	246138	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
Target Compounds						
16) Acetone	3.79	43	10155	6.443	ug/l	96
18) Methyl Acetate	4.29	43	3352m	1.082	ug/l	
20) Methylene Chloride	4.51	84	9042	2.891	ug/l	94
43) Isopropyl Acetate	8.14	43	45504	5.273	ug/l	99

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

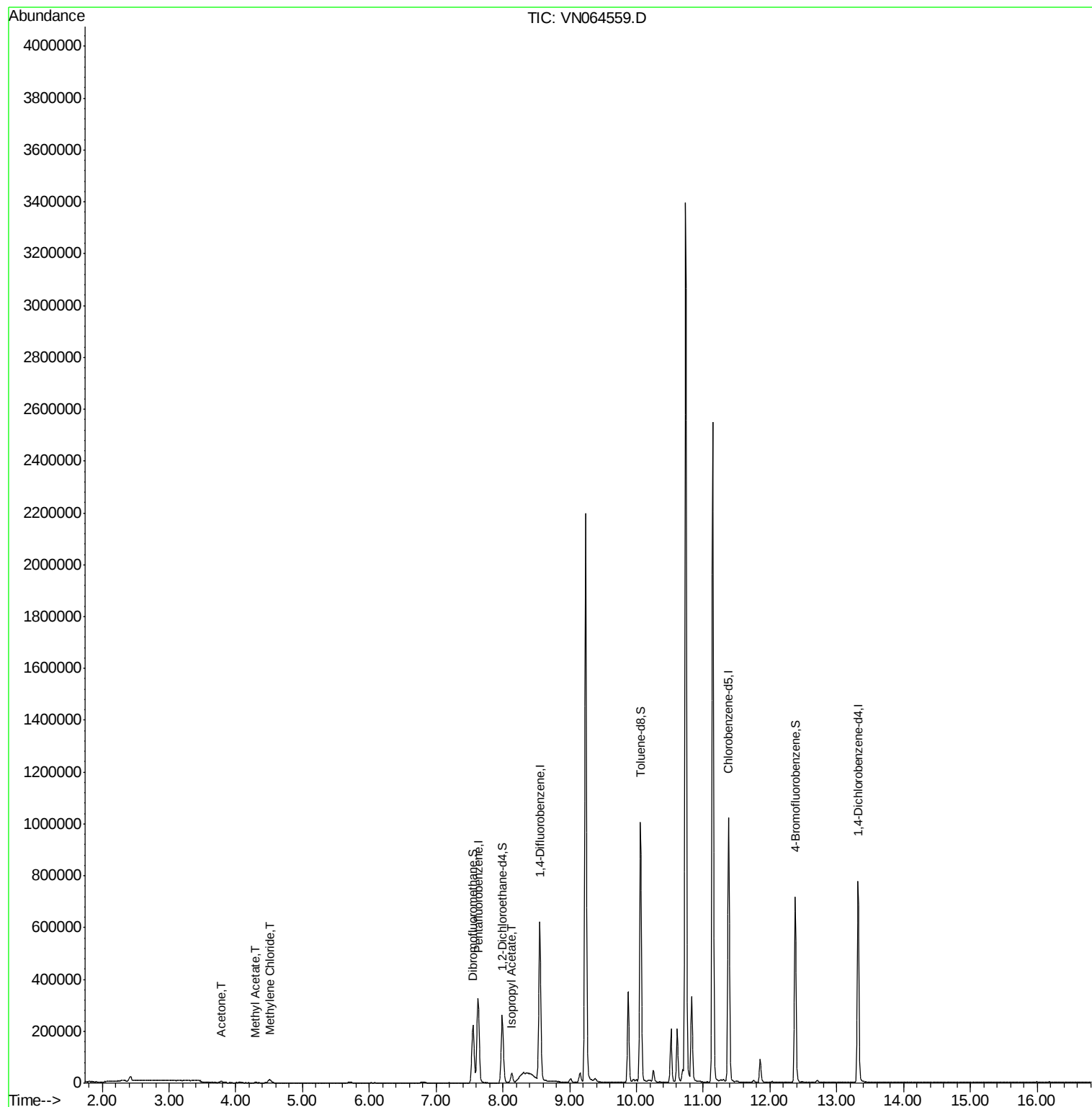
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111120\
Data File : VN064559.D
Acq On : 11 Nov 2020 16:50
Operator : JC/MD
Sample : PB132934ZHE#03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

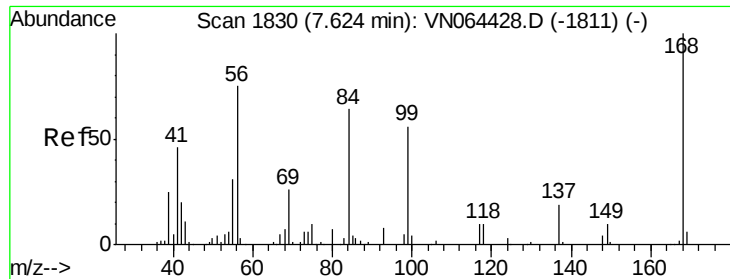
Instrument :
MSVOA_N
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PB132934ZHE#03

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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: VN064559.D

Acq: 11 Nov 2020 16:50

Instrument :

MSVOA_N

ClientSampleId :

PB132934ZHE#03

Tot Ion:168 Resp: 237553

Ion Ratio Lower Upper

168 100

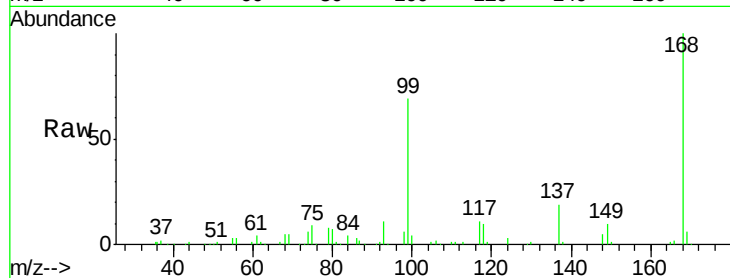
99 69.0 53.4 80.2

Manual Integrations

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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

100000

80000

60000

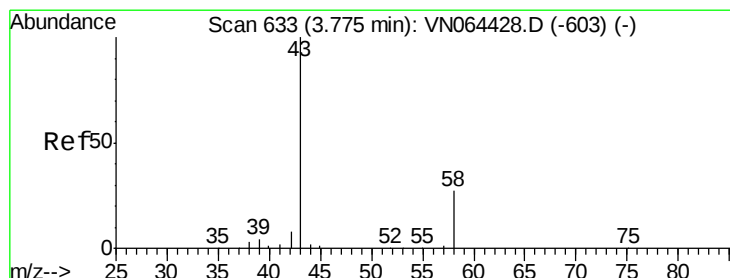
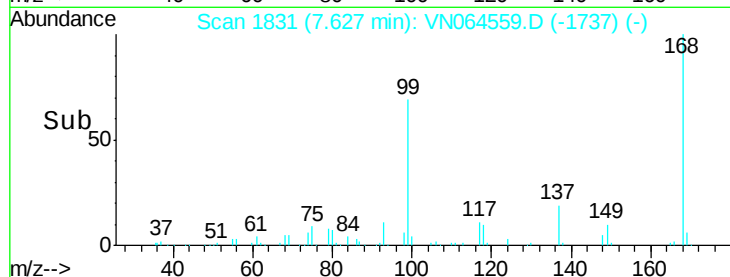
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: 6.443 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064559.D

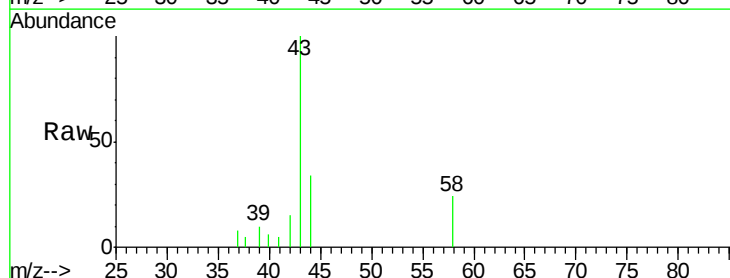
Acq: 11 Nov 2020 16:50

Tgt Ion: 43 Resp: 10155

Ion Ratio Lower Upper

43 100

58 24.6 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

4000

3000

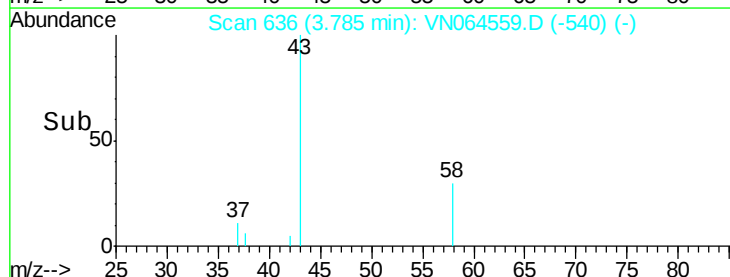
2000

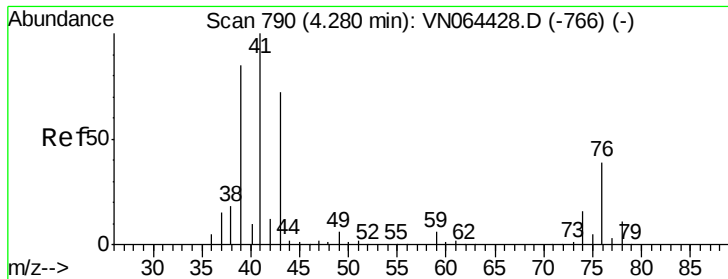
1000

0

3.70 3.75 3.80 3.85

Time-->





#18

Methyl Acetate

Concen: 1.082 ug/l m

RT: 4.29 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN064559.D

Acq: 11 Nov 2020 16:50

Instrument :

MSVOA_N

ClientSampleId :

PB132934ZHE#03

Tot Ion: 43 Resp: 3352

Ion Ratio Lower Upper

43 100

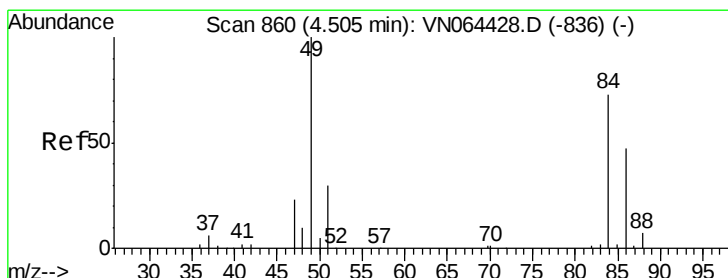
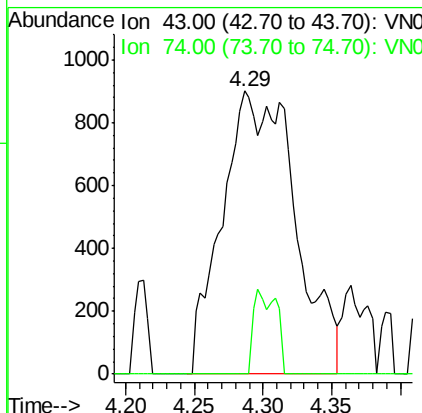
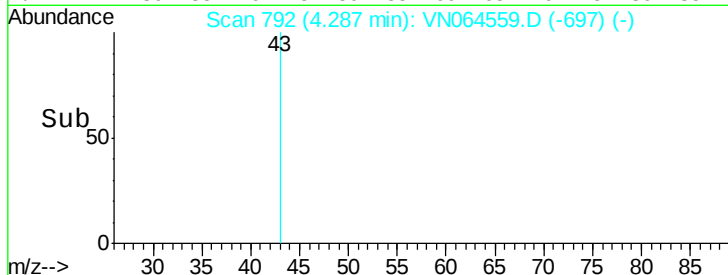
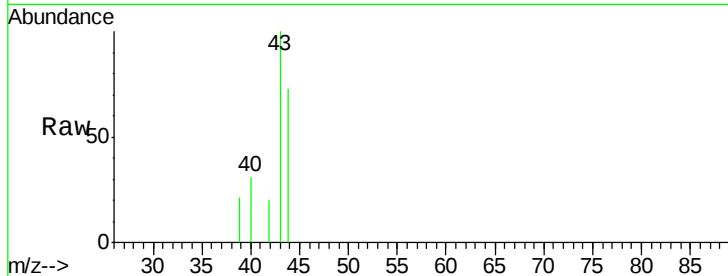
74 5.3 17.0 25.4#

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#20

Methylene Chloride

Concen: 2.891 ug/l

RT: 4.51 min Scan# 860

Delta R.T. -0.00 min

Lab File: VN064559.D

Acq: 11 Nov 2020 16:50

Tgt Ion: 84 Resp: 9042

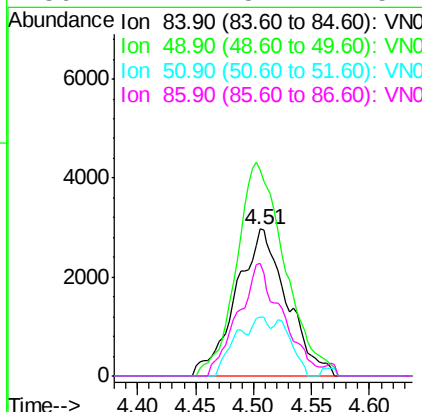
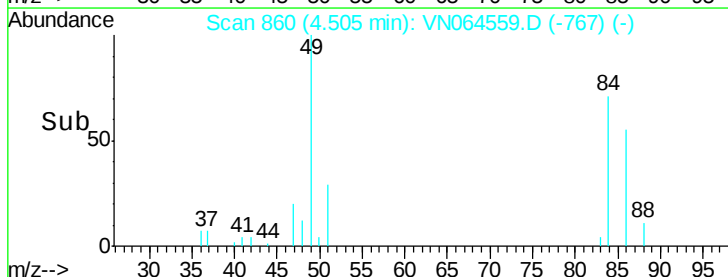
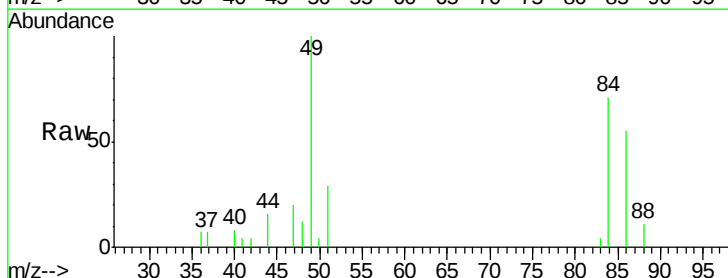
Ion Ratio Lower Upper

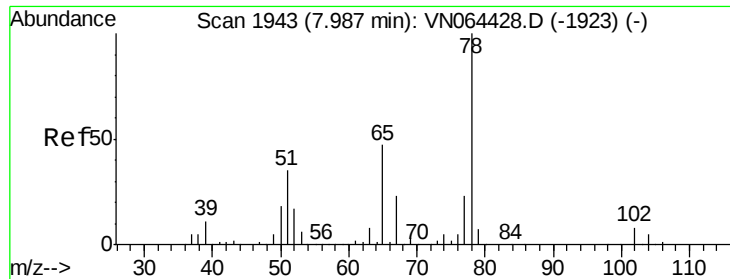
84 100

49 140.2 110.1 165.1

51 40.5 33.6 50.4

86 77.1 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 57.520 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064559.D

Acq: 11 Nov 2020 16:50

Instrument :

MSVOA_N

ClientSampleId :

PB132934ZHE#03

Tot Ion: 65 Resp: 238008

Ion Ratio Lower Upper

65 100

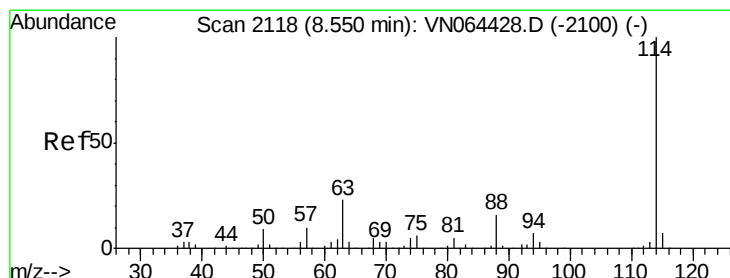
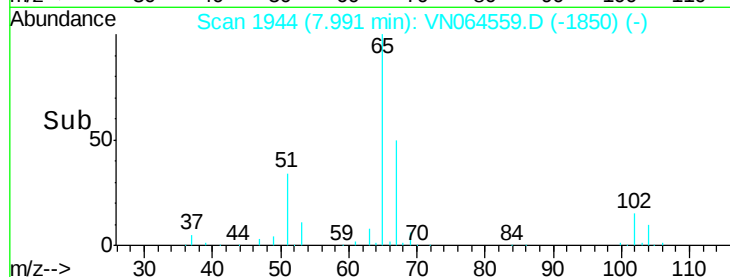
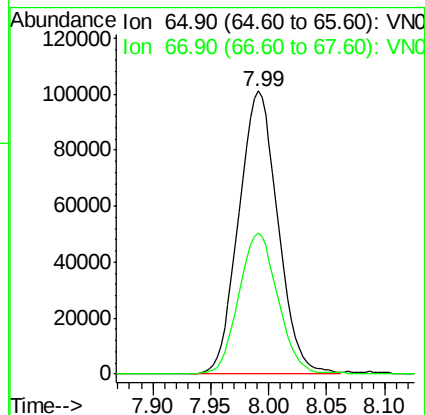
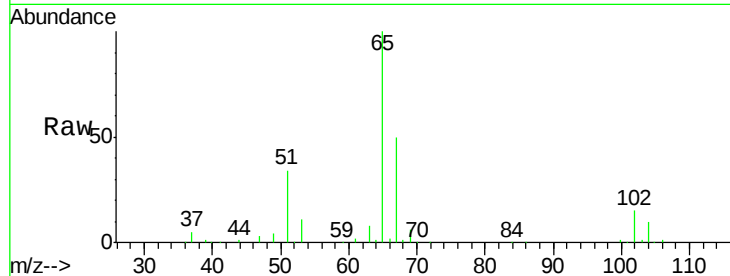
67 49.9 0.0 101.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN064559.D

Acq: 11 Nov 2020 16:50

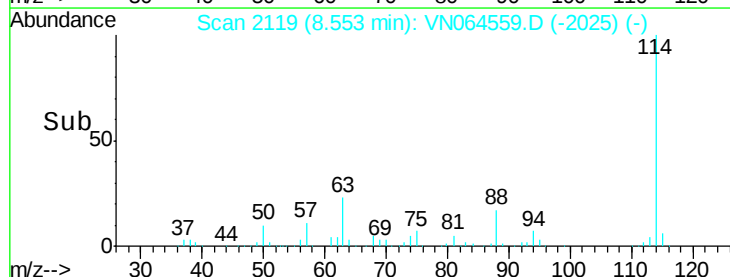
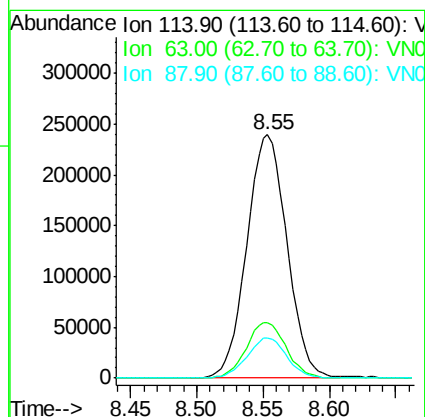
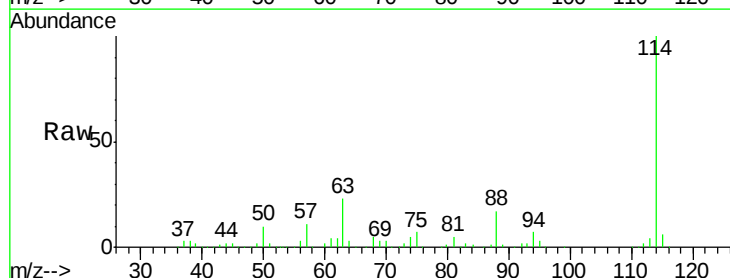
Tgt Ion: 114 Resp: 504074

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

88 16.7 0.0 32.8





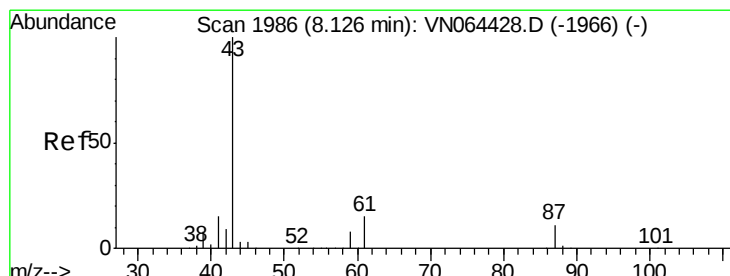
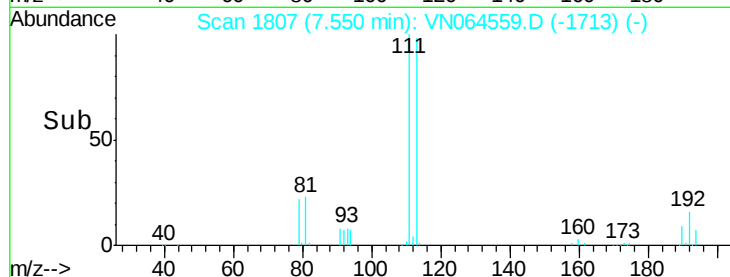
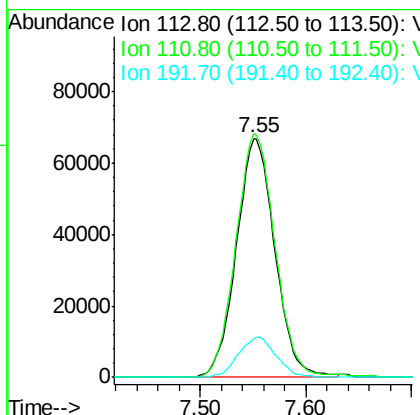
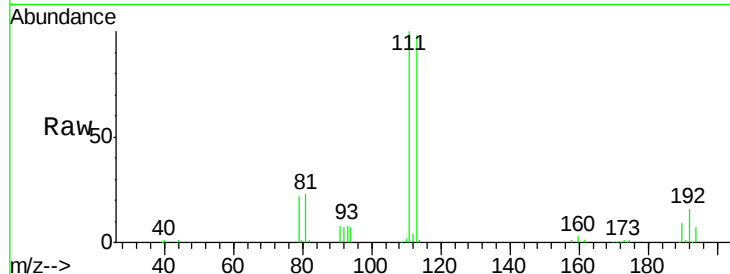
#35
 Dibromofluoromethane
 Concen: 49.311 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064559.D
 Acq: 11 Nov 2020 16:50

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132934ZHE#03

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.1	121.7
192	16.6	12.8	19.2

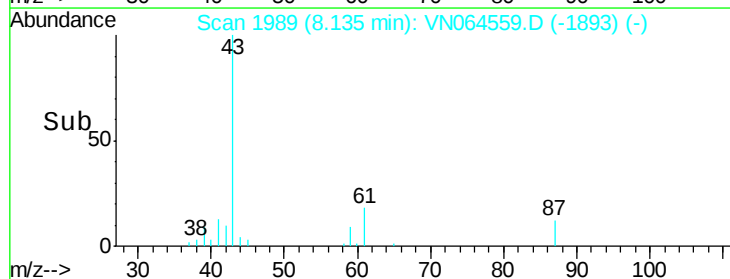
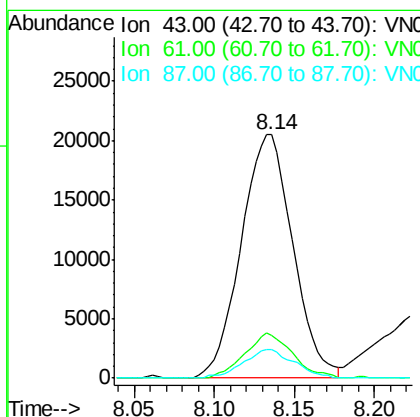
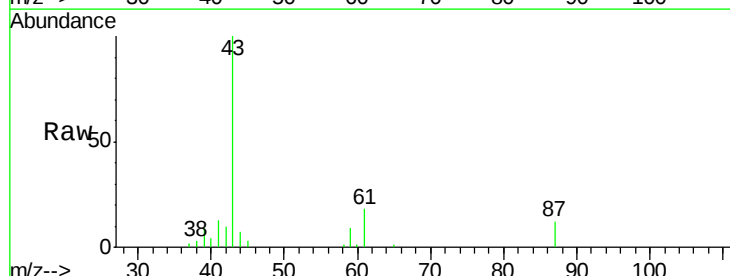
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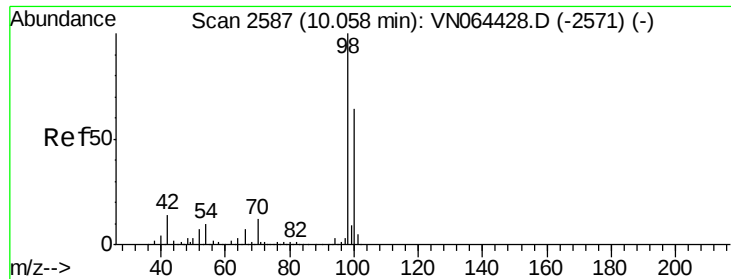
MMDadoda
 11/12/2020 9:12:48 AM



#43
 Isopropyl Acetate
 Concen: 5.273 ug/l
 RT: 8.14 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN064559.D
 Acq: 11 Nov 2020 16:50

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.0	14.0	21.0
87	11.6	9.1	13.7





#50

Toluene-d8

Concen: 50.579 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064559.D

Acq: 11 Nov 2020 16:50

Instrument :

MSVOA_N

ClientSampleId :

PB132934ZHE#03

Tot Ion: 98 Resp: 670928

Ion Ratio Lower Upper

98 100

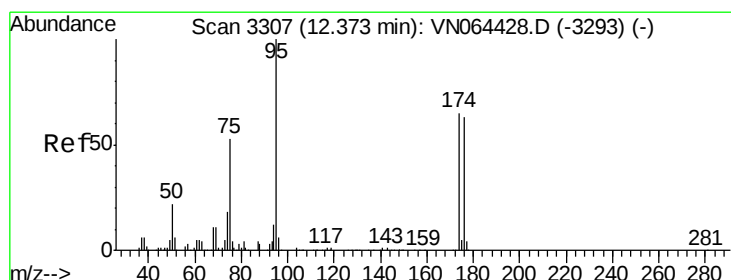
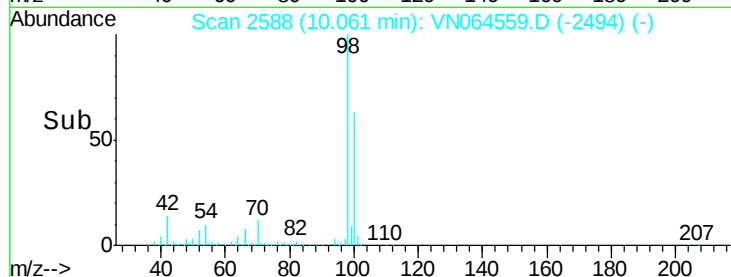
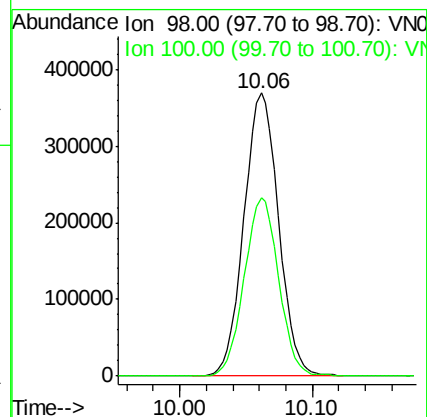
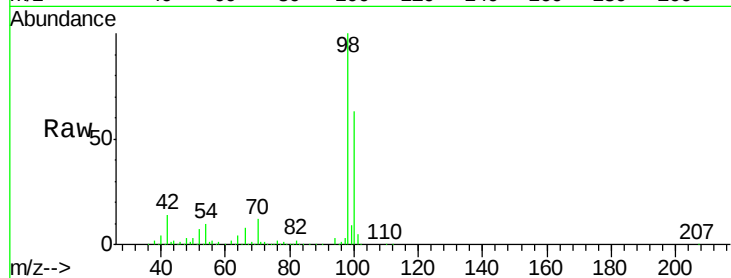
100 62.6 50.7 76.1

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#62

4-Bromofluorobenzene

Concen: 49.065 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064559.D

Acq: 11 Nov 2020 16:50

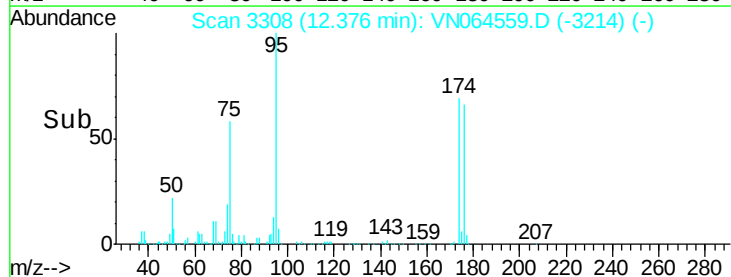
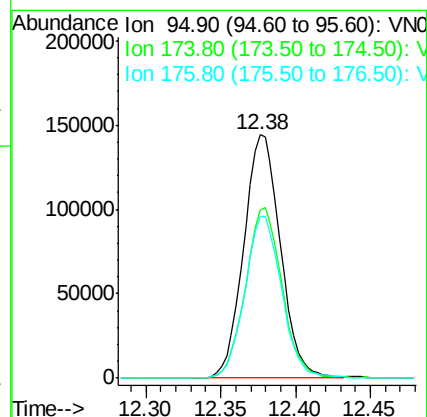
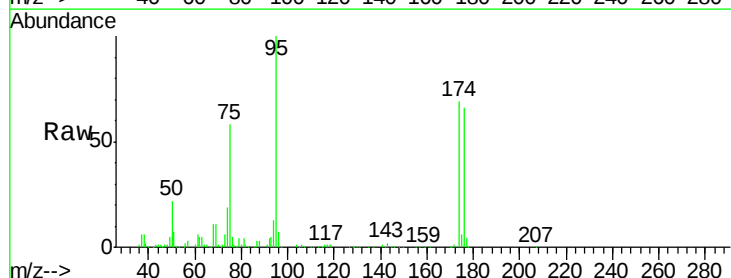
Tgt Ion: 95 Resp: 246138

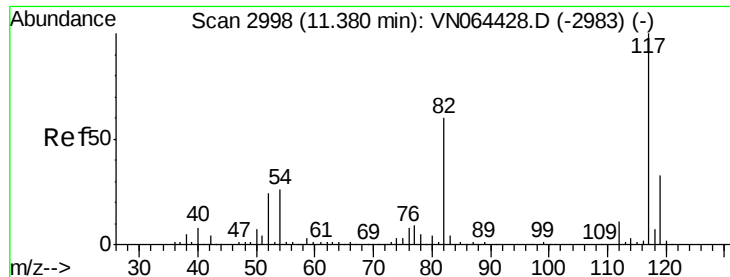
Ion Ratio Lower Upper

95 100

174 69.8 0.0 132.6

176 66.8 0.0 129.2





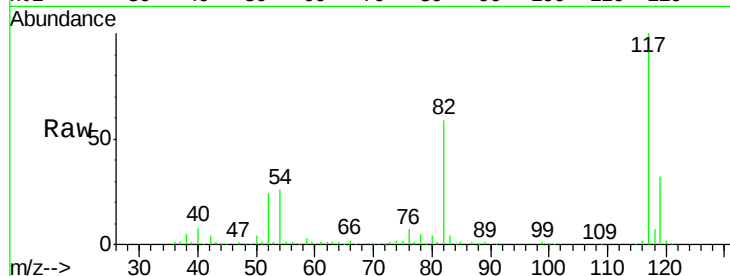
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064559.D
Acq: 11 Nov 2020 16:50

Instrument :
MSVOA_N
ClientSampleId :
PB132934ZHE#03

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.5	48.1	72.1
119	32.4	26.2	39.4

Manual Integrations
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11/12/2020 9:12:48 AM

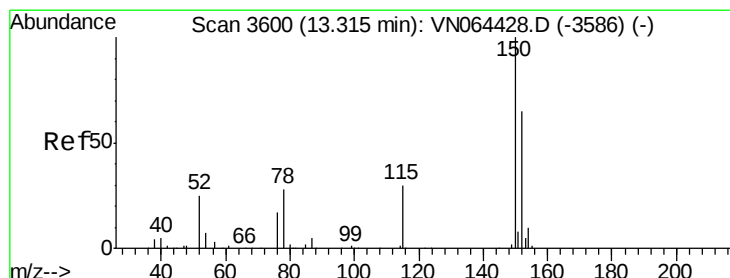
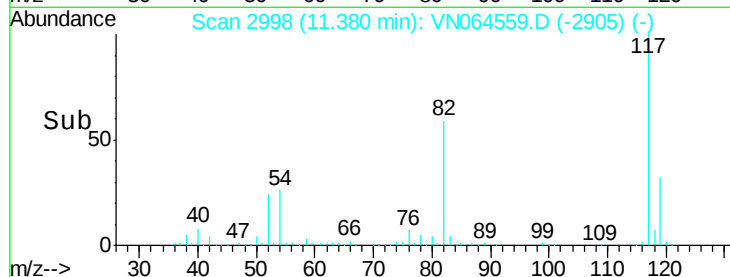
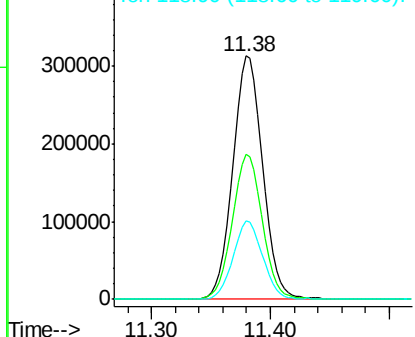


Abundance

Ion 116.90 (116.60 to 117.60): V

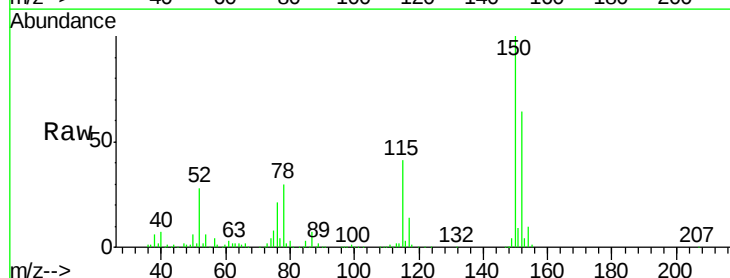
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064559.D
Acq: 11 Nov 2020 16:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	32.0	96.0
150	155.1	0.0	353.8



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

