

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064976.D
 Acq On : 8 Dec 2020 17:50
 Operator : JC/MD
 Sample : PB133456ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133456ZHE#13

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:55:48 AM

Quant Time: Dec 09 07:25:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	170773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	326929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	336774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	107328	54.06	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	108.12%		
35) Dibromofluoromethane	7.55	113	99831	51.03	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.06%		
50) Toluene-d8	10.06	98	402367	50.34	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.68%		
62) 4-Bromofluorobenzene	12.38	95	149481	52.26	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.52%		
Target Compounds						
16) Acetone	3.78	43	6245m	9.569	ug/l	
20) Methylene Chloride	4.50	84	8466	4.140	ug/l	93
43) Isopropyl Acetate	8.13	43	18598	3.960	ug/l	94

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

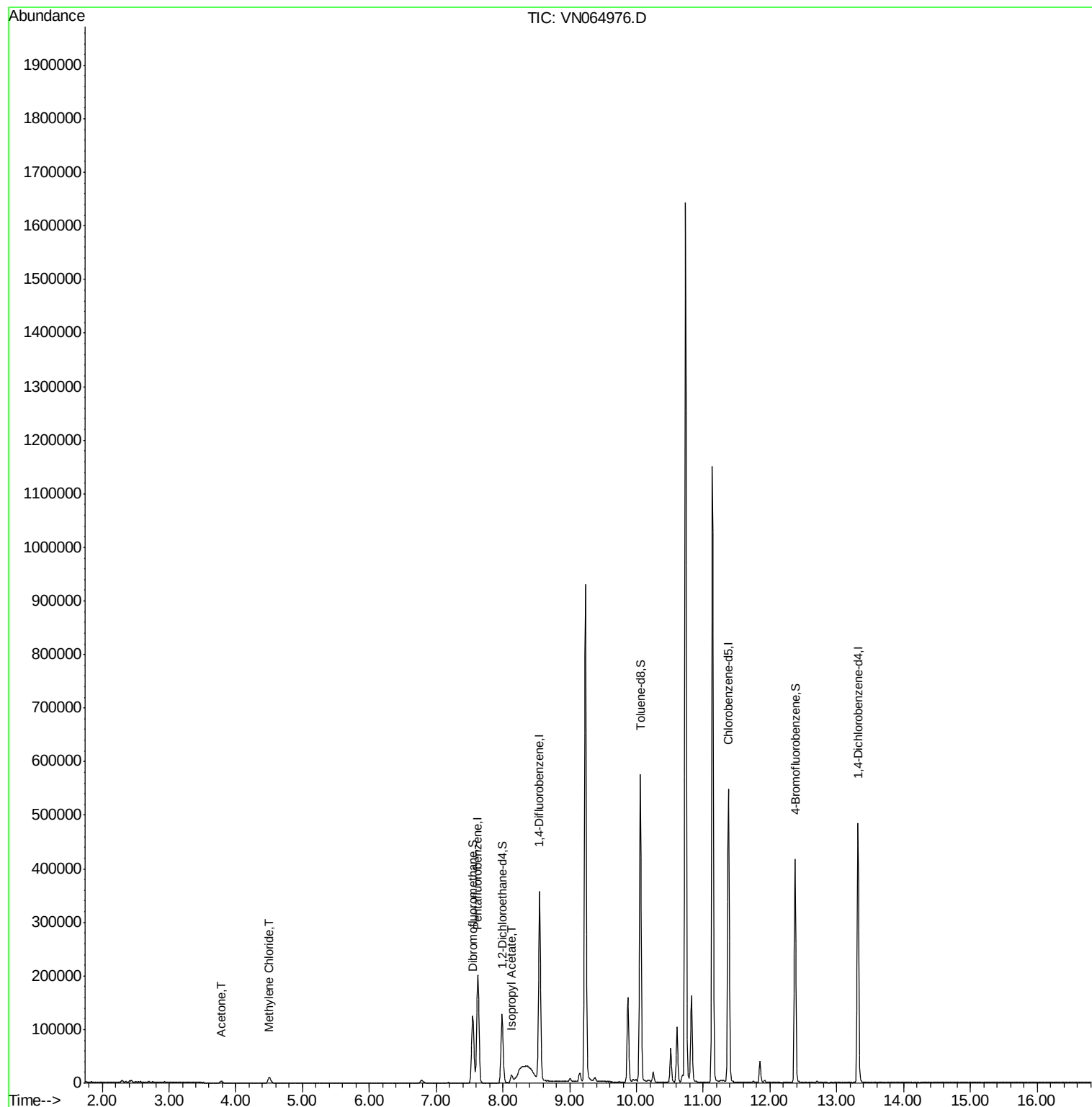
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120820\
Data File : VN064976.D
Acq On : 8 Dec 2020 17:50
Operator : JC/MD
Sample : PB133456ZHE#13
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

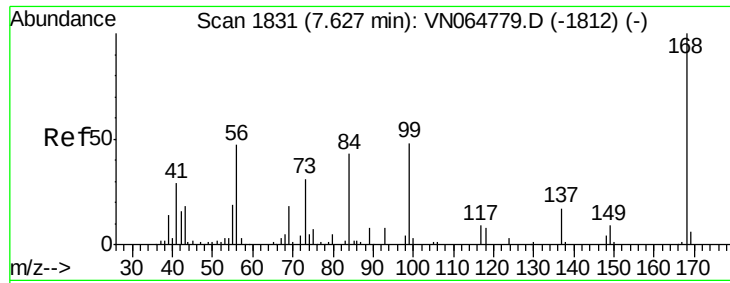
Instrument :
MSVOA_N
ClientSampleId :
PB133456ZHE#13

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Quant Time: Dec 09 07:25:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064976.D

Acq: 8 Dec 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#13

Tot Ion:168 Resp: 170773

Ion Ratio Lower Upper

168 100

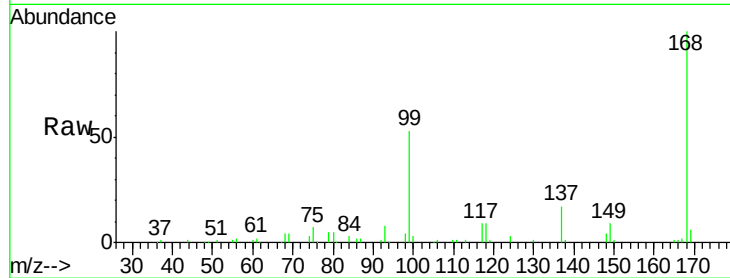
99 53.3 43.0 64.4

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Abundance Ion 167.90 (167.60 to 168.60): VN064976.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN064976.D (-1738) (-)

7.62

80000

60000

40000

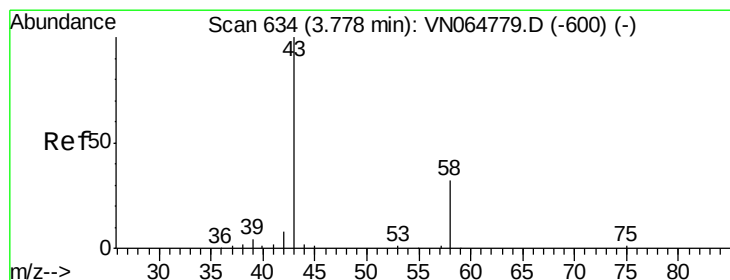
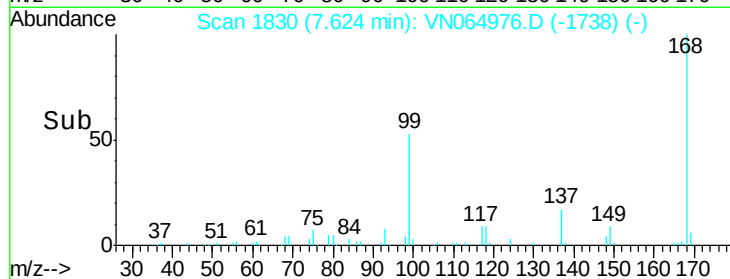
20000

0

7.50

7.60

7.70



#16

Acetone

Concen: 9.569 ug/l m

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064976.D

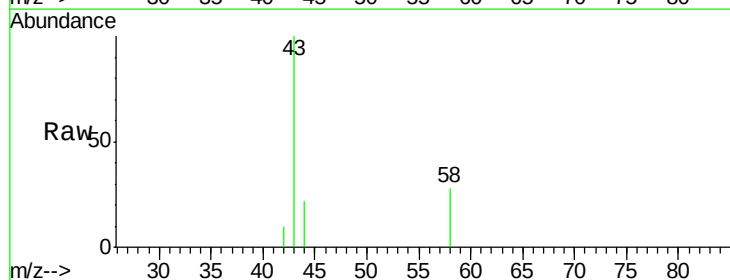
Acq: 8 Dec 2020 17:50

Tgt Ion: 43 Resp: 6245

Ion Ratio Lower Upper

43 100

58 28.3 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064976.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN064976.D (-541) (-)

3.78

2000

1500

1000

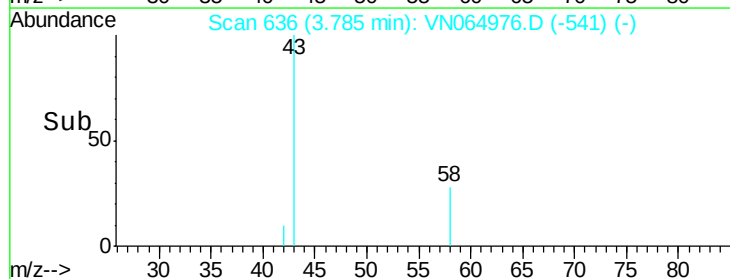
500

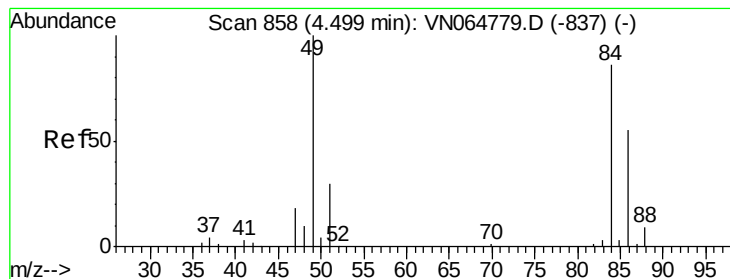
0

3.70

3.80

3.90





#20

Methylene Chloride

Concen: 4.140 ug/l

RT: 4.50 min Scan# 859

Delta R.T. 0.00 min

Lab File: VN064976.D

Acq: 8 Dec 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#13

Tot Ion: 84 Resp: 8466

Ion Ratio Lower Upper

84 100

49 126.2 93.4 140.0

51 31.3 28.2 42.4

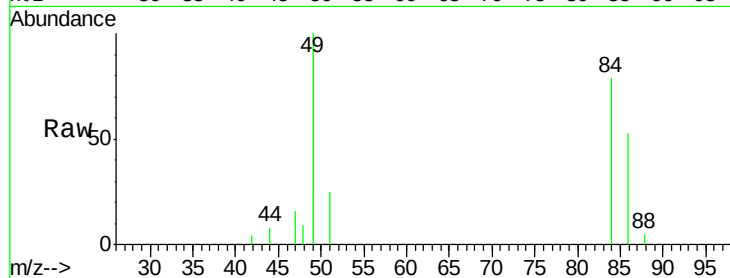
86 67.4 51.7 77.5

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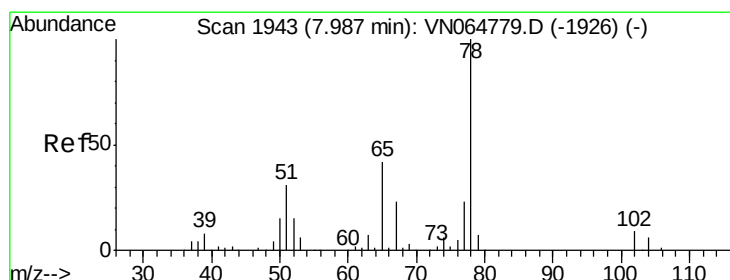
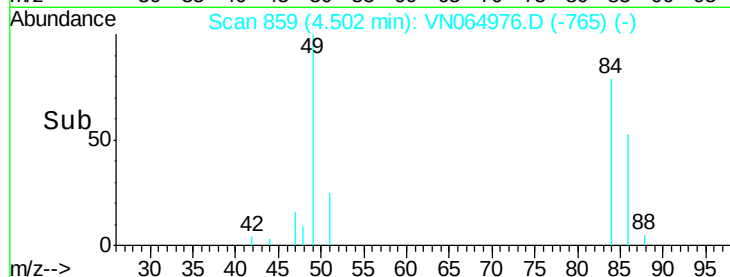
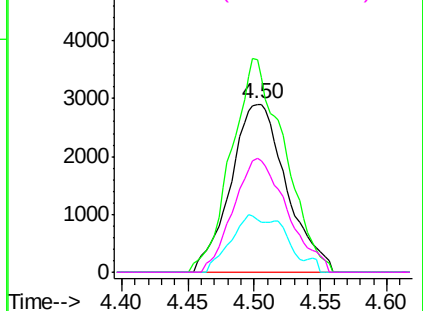


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 54.060 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064976.D

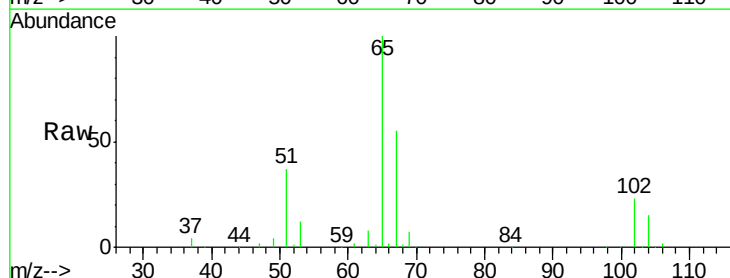
Acq: 8 Dec 2020 17:50

Tgt Ion: 65 Resp: 107328

Ion Ratio Lower Upper

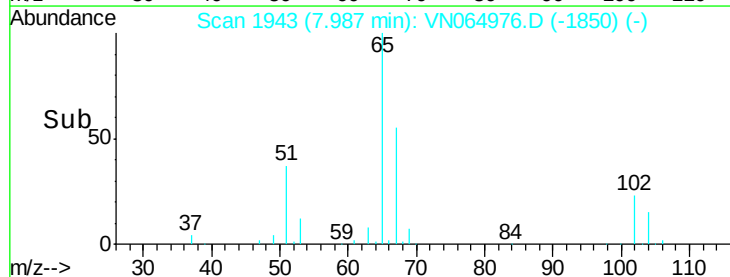
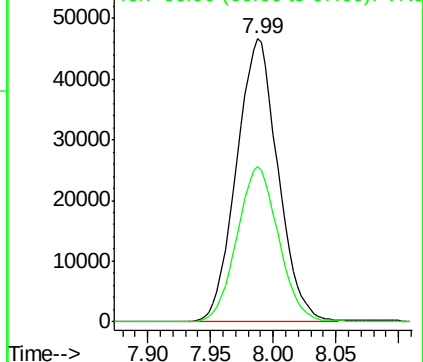
65 100

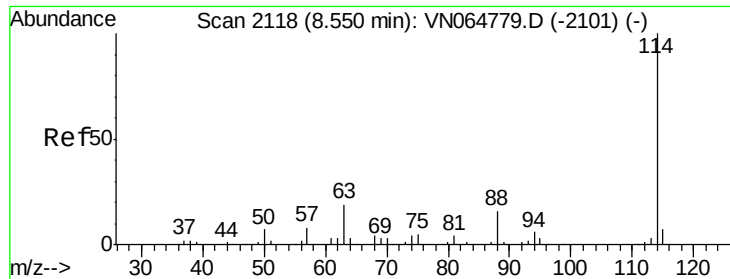
67 55.0 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





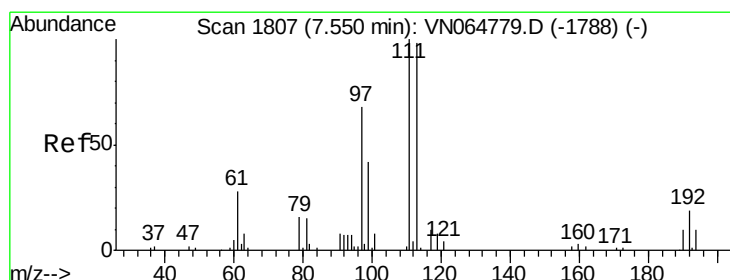
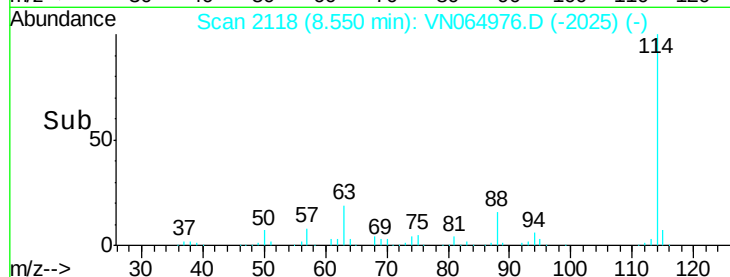
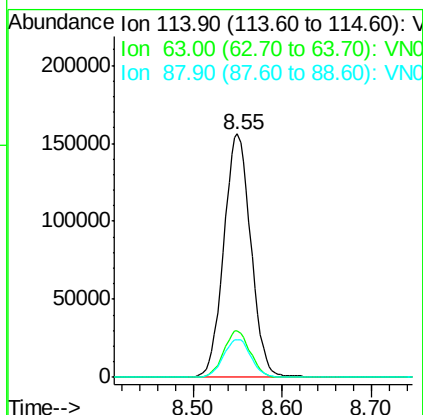
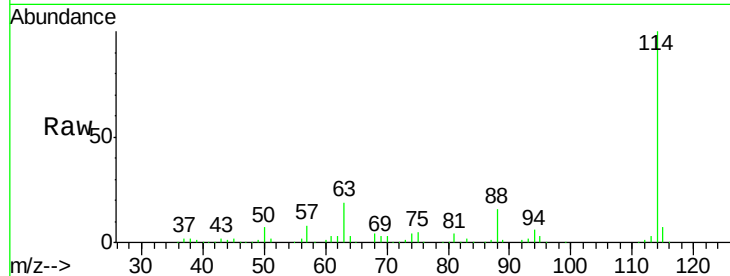
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064976.D
 Acq: 8 Dec 2020 17:50

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133456ZHE#13

Tot Ion	Ratio	Resp	Lower	Upper
114	100	326929		
63	19.0		0.0	38.6
88	15.6		0.0	32.6

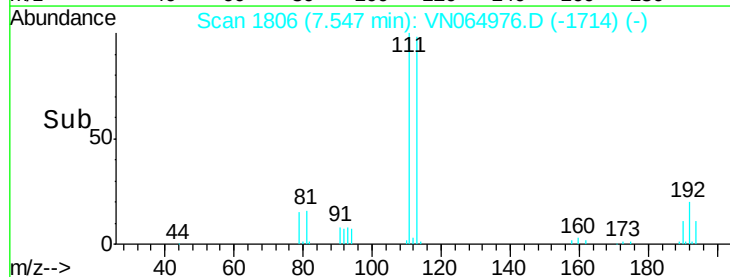
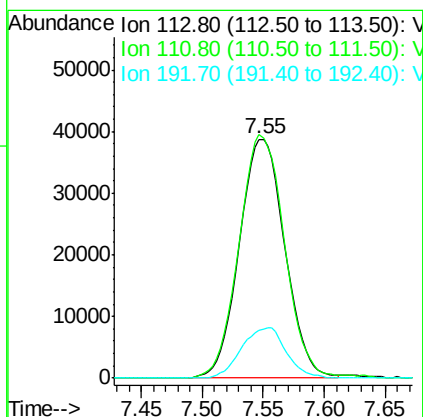
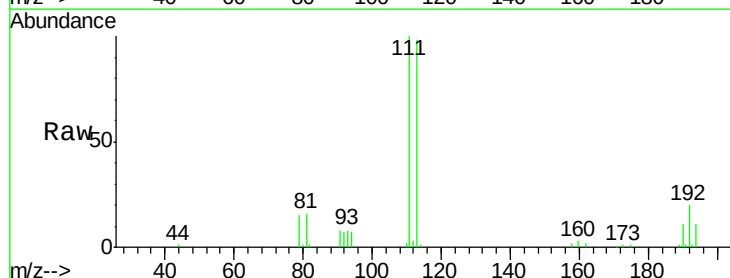
Manual Integrations
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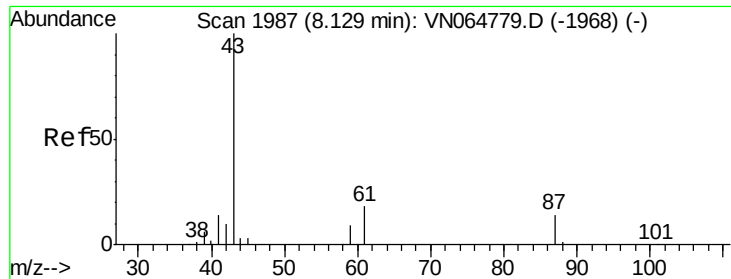
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#35
 Dibromofluoromethane
 Concen: 51.032 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064976.D
 Acq: 8 Dec 2020 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	99831		
111	101.8		81.6	122.4
192	20.7		16.2	24.2





#43

Isopropyl Acetate

Concen: 3.960 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064976.D

Acq: 8 Dec 2020 17:50

Instrument :

MSVOA_N

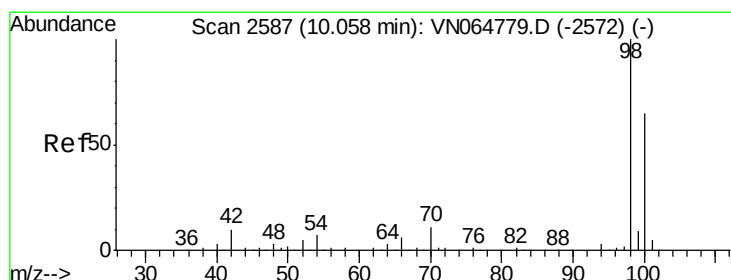
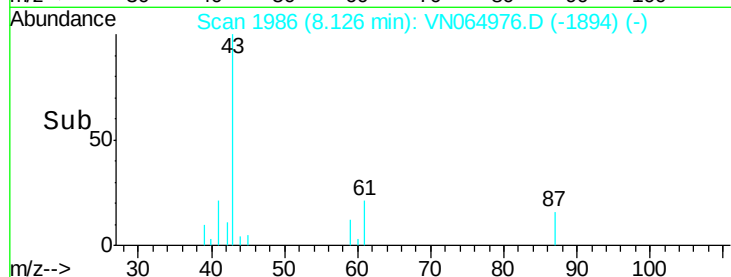
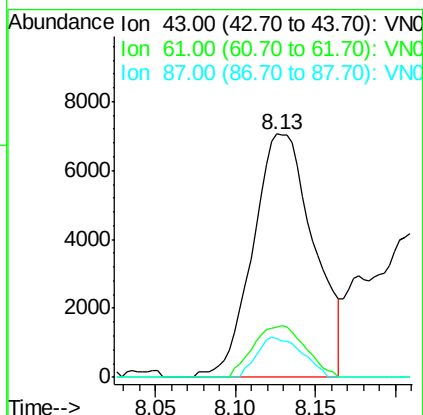
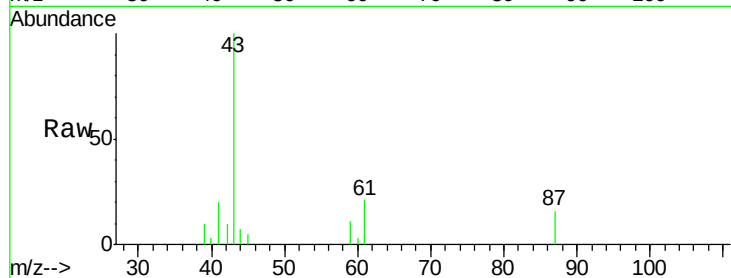
ClientSampleId :

PB133456ZHE#13

Tot Ion:	43	Resp:	18598
Ion	Ratio	Lower	Upper
43	100		
61	18.1	17.2	25.8
87	12.2	11.4	17.0

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#50

Toluene-d8

Concen: 50.340 ug/l

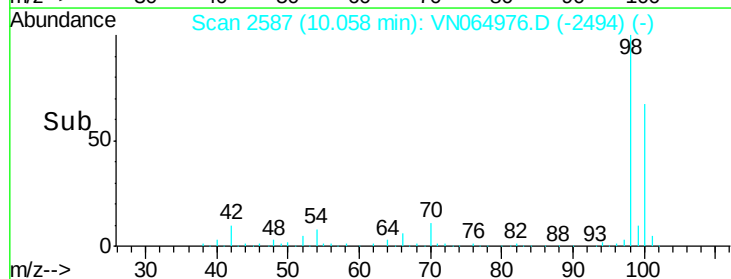
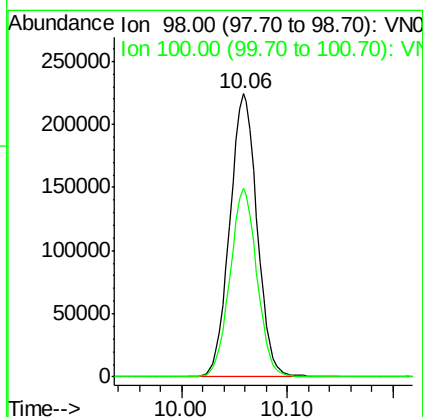
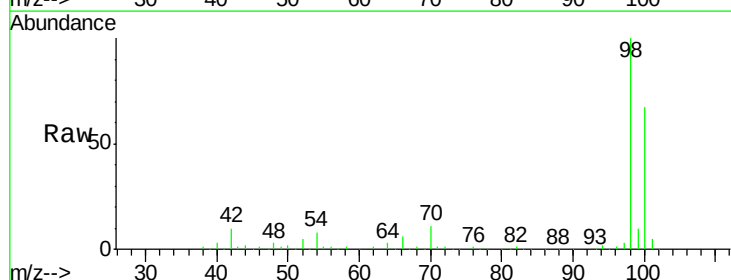
RT: 10.06 min Scan# 2587

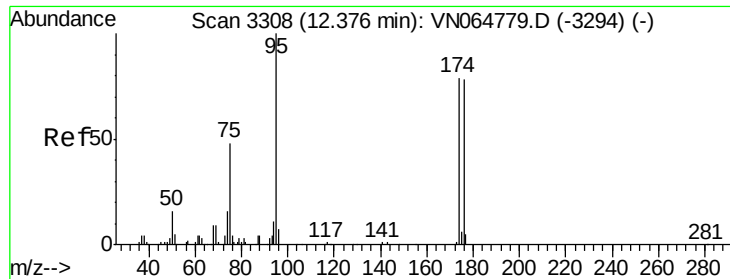
Delta R.T. 0.00 min

Lab File: VN064976.D

Acq: 8 Dec 2020 17:50

Tgt Ion:	98	Resp:	402367
Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.7	77.5





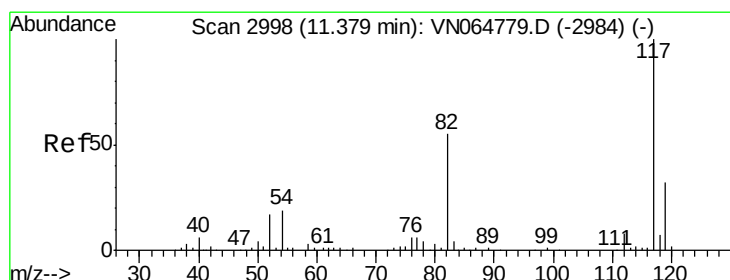
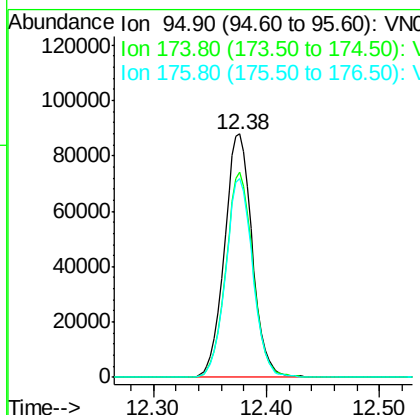
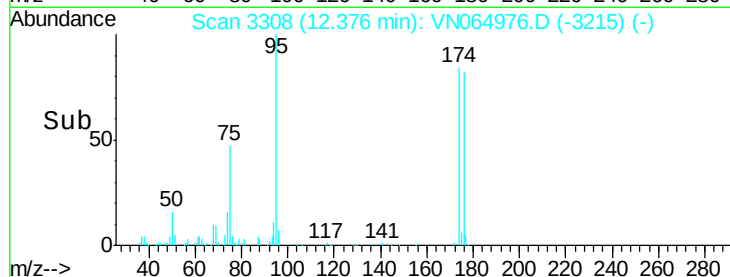
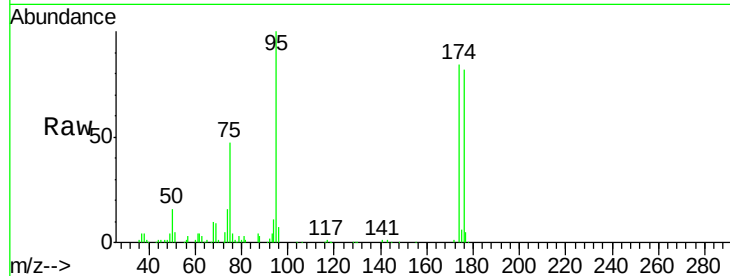
#62
4-Bromofluorobenzene
Concen: 52.256 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064976.D
Acq: 8 Dec 2020 17:50

Instrument :
MSVOA_N
ClientSampleId :
PB133456ZHE#13

Tot Ion	Ratio	Resp	Lower	Upper
95	100	149481		
174	82.4	0.0	160.4	
176	80.2	0.0	158.4	

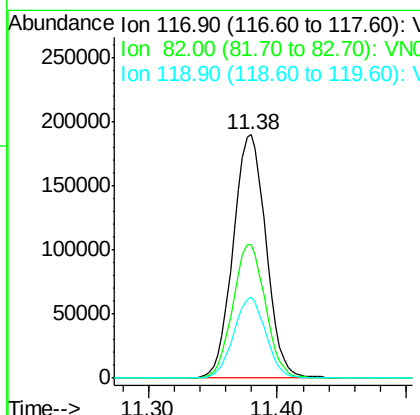
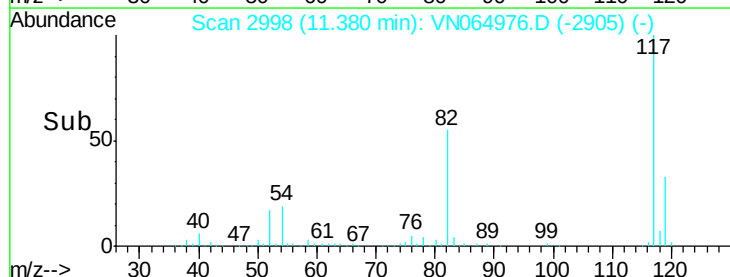
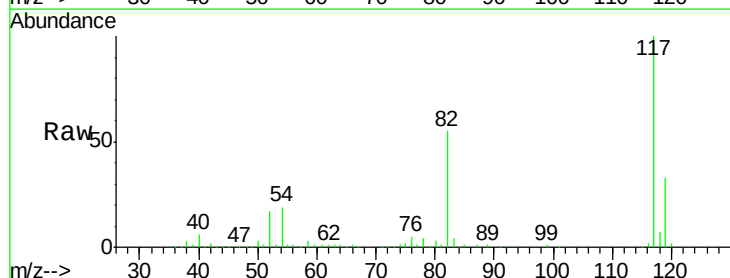
Manual Integrations
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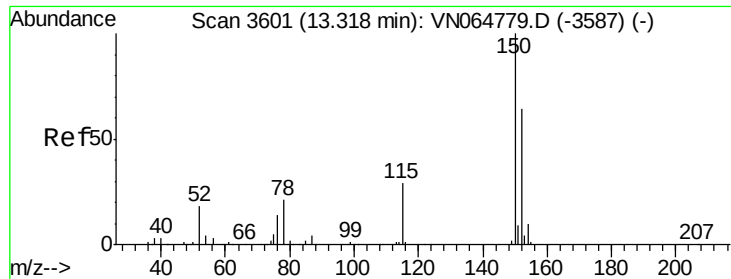
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064976.D
Acq: 8 Dec 2020 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	336774		
82	54.8	44.2	66.2	
119	33.2	25.8	38.6	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064976.D

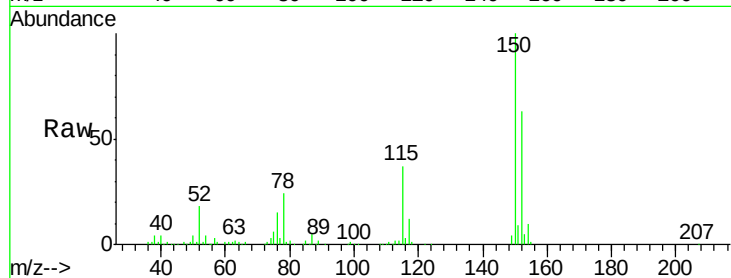
Acq: 8 Dec 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#13



Tot Ion:152 Resp: 139245

Ion Ratio Lower Upper

152 100

115 58.2 29.7 89.1

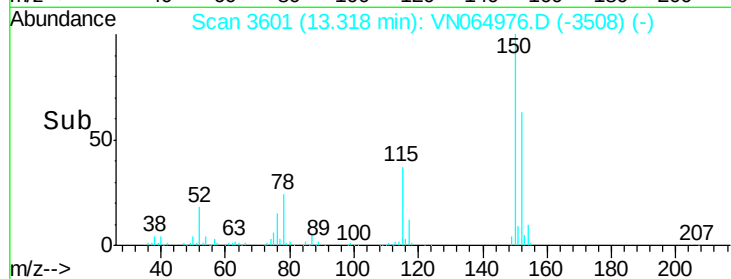
150 158.7 0.0 350.6

Manual Integrations

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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

