

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062322.D
 Acq On : 2 Jul 2020 5:09
 Operator : JC/MD
 Sample : PB129873ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129873ZHE#08

Manual Integrations
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 7/2/2020 12:41:07 PM

Quant Time: Jul 02 08:23:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	179224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	387274	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	378577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	124989	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	152332	60.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.14%	
35) Dibromofluoromethane	7.55	113	119601	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
50) Toluene-d8	10.06	98	513493	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.38	95	157384	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
Target Compounds						
16) Acetone	3.78	43	13135	12.794	ug/l	95
18) Methyl Acetate	4.29	43	6392	3.197	ug/l	91
20) Methylene Chloride	4.51	84	7382m	2.993	ug/l	
43) Isopropyl Acetate	8.13	43	70435	13.404	ug/l	98

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

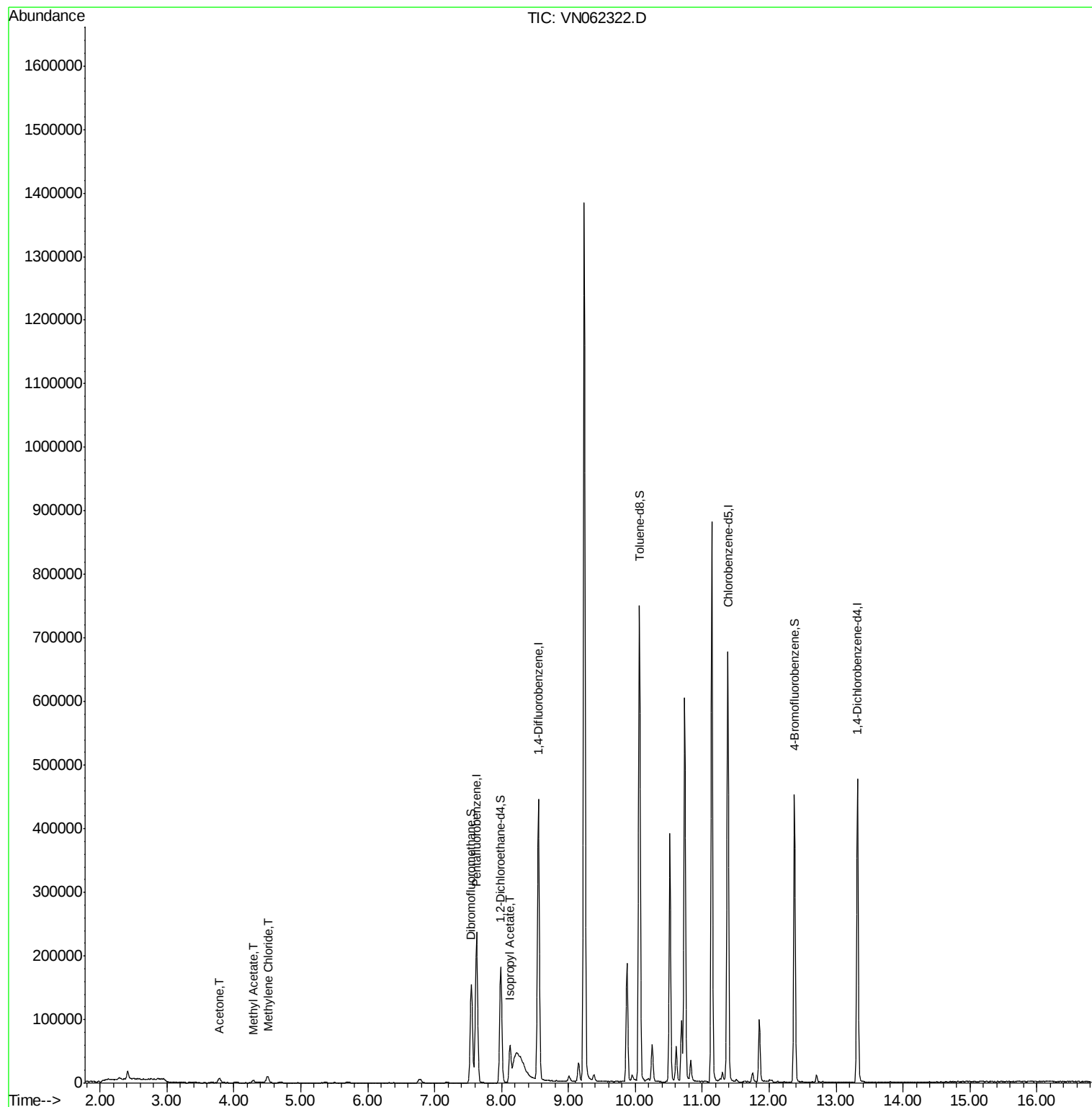
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070120\
Data File : VN062322.D
Acq On : 2 Jul 2020 5:09
Operator : JC/MD
Sample : PB129873ZHE#08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 44 Sample Multiplier: 1

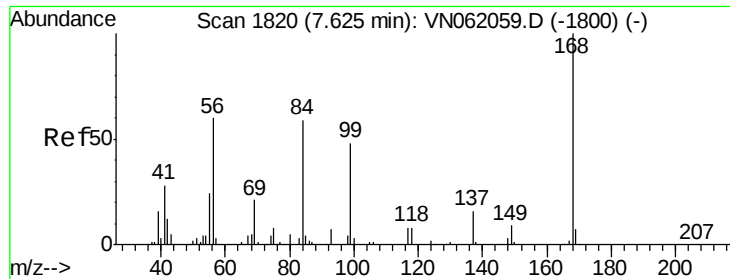
Instrument :
MSVOA_N
ClientSampleId :
PB129873ZHE#08

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Quant Time: Jul 02 08:23:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 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: VN062322.D

Acq: 2 Jul 2020 5:09

Instrument :

MSVOA_N

ClientSampleId :

PB129873ZHE#08

Tot Ion:168 Resp: 179224

Ion Ratio Lower Upper

168 100

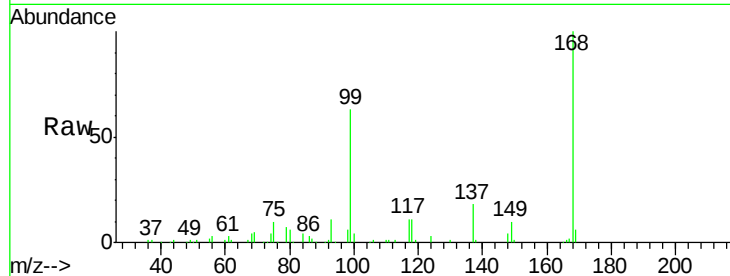
99 62.8 45.8 68.8

Manual Integrations

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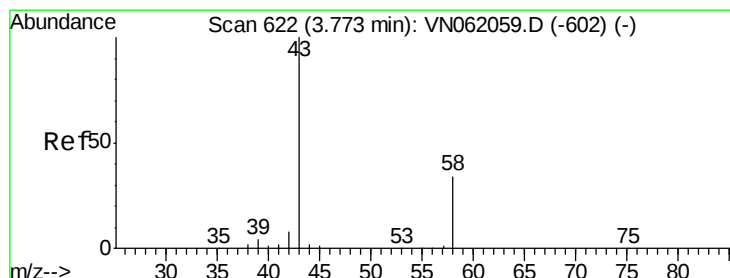
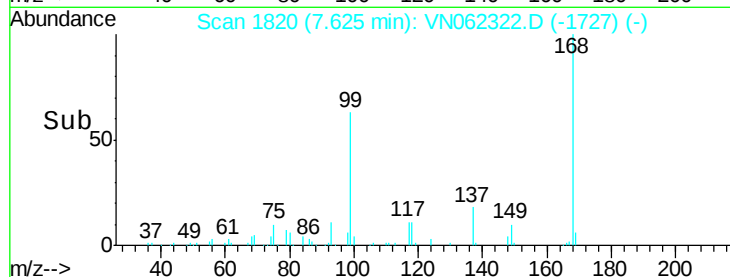
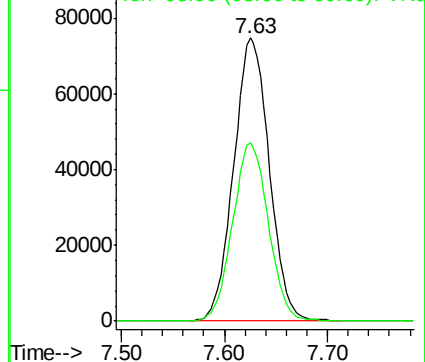
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 12.794 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062322.D

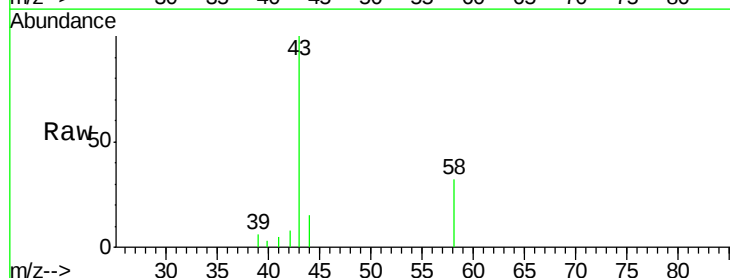
Acq: 2 Jul 2020 5:09

Tgt Ion: 43 Resp: 13135

Ion Ratio Lower Upper

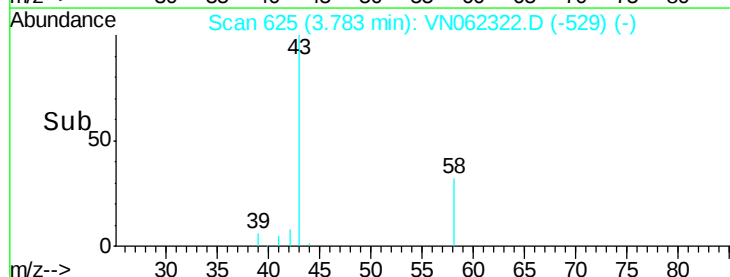
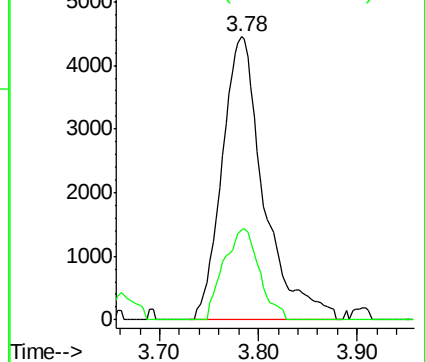
43 100

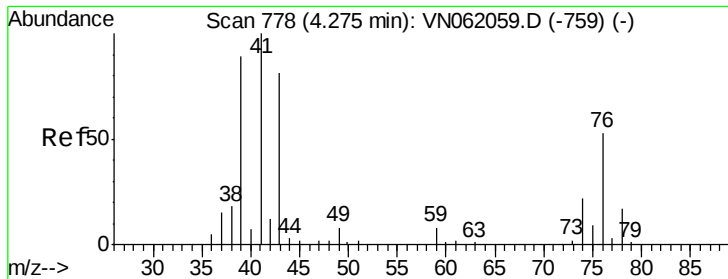
58 31.8 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#18

Methyl Acetate

Concen: 3.197 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.01 min

Lab File: VN062322.D

Acq: 2 Jul 2020 5:09

Instrument :

MSVOA_N

ClientSampleId :

PB129873ZHE#08

Tot Ion: 43 Resp: 6392

Ion Ratio Lower Upper

43 100

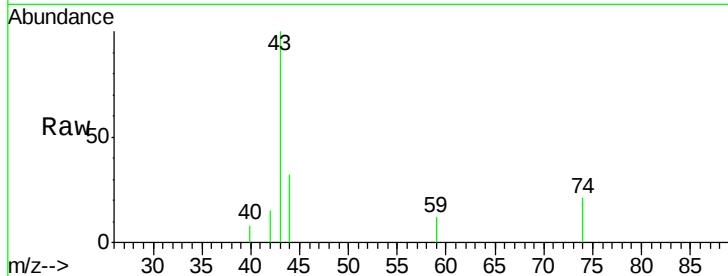
74 23.7 22.9 34.3

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

3000

2500

2000

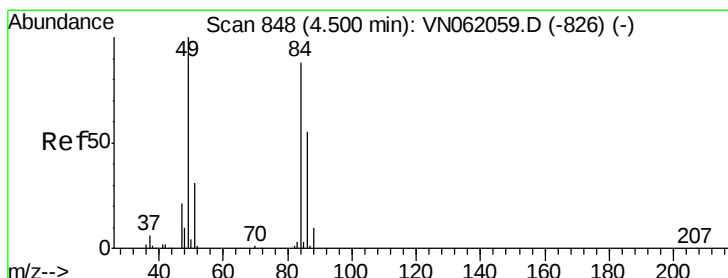
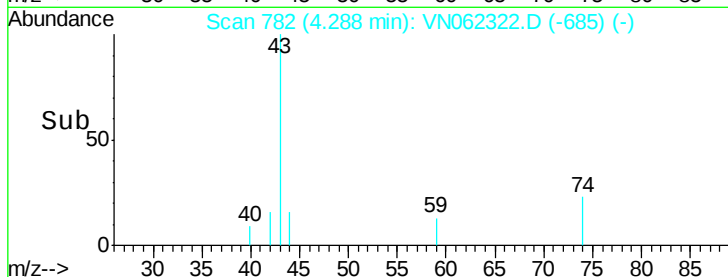
1500

1000

500

0

Time--> 4.20 4.25 4.30 4.35



#20

Methylene Chloride

Concen: 2.993 ug/l m

RT: 4.51 min Scan# 850

Delta R.T. 0.01 min

Lab File: VN062322.D

Acq: 2 Jul 2020 5:09

Tgt Ion: 84 Resp: 7382

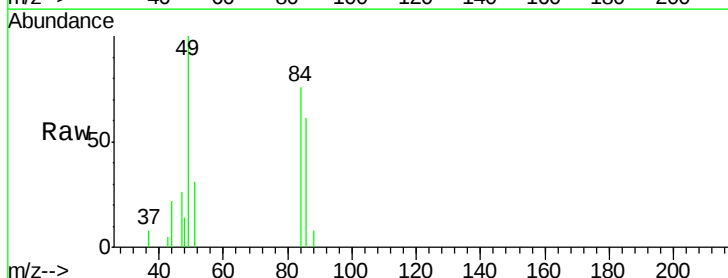
Ion Ratio Lower Upper

84 100

49 132.4 90.6 136.0

51 41.1 27.8 41.8

86 80.5 50.1 75.1#



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

4000

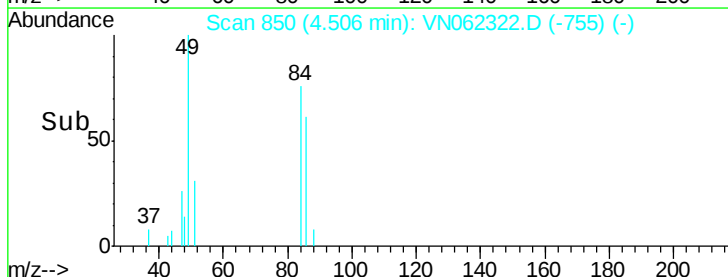
3000

2000

1000

0

Time--> 4.40 4.50 4.60





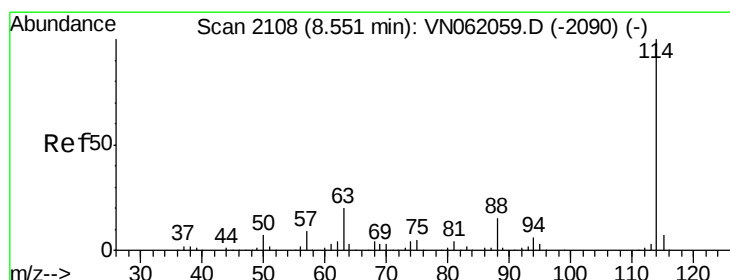
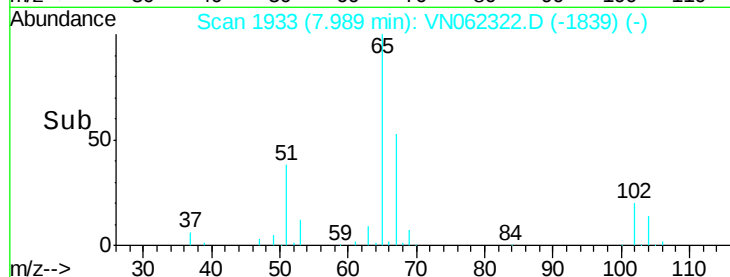
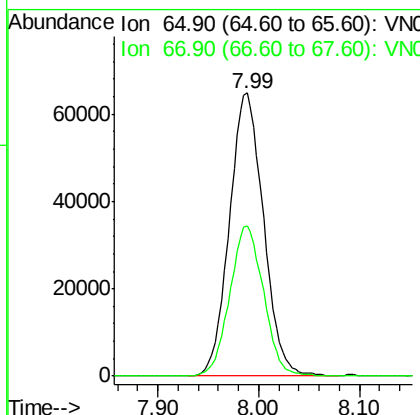
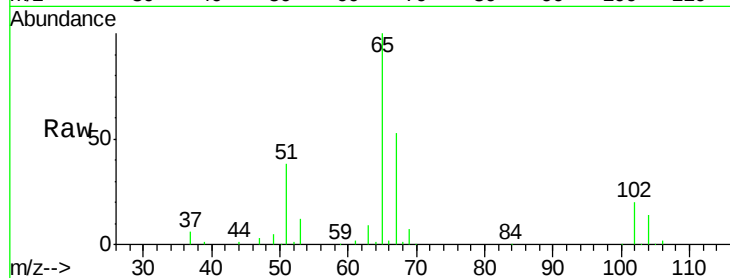
#33
 1,2-Dichloroethane-d4
 Concen: 60.567 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062322.D
 Acq: 2 Jul 2020 5:09

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129873ZHE#08

Tot Ion	Ratio	Resp	Lower	Upper
65	100	152332		
67	52.6	0.0	106.2	

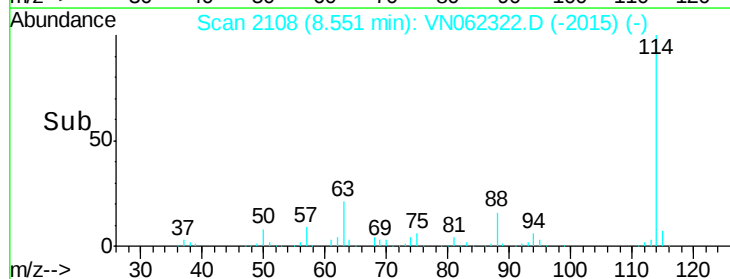
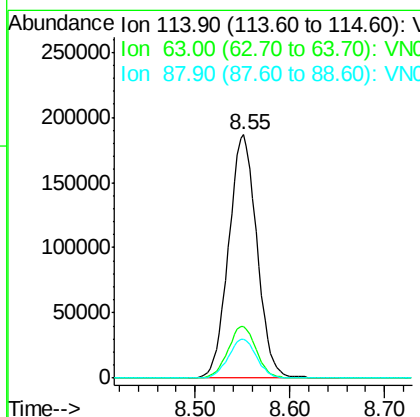
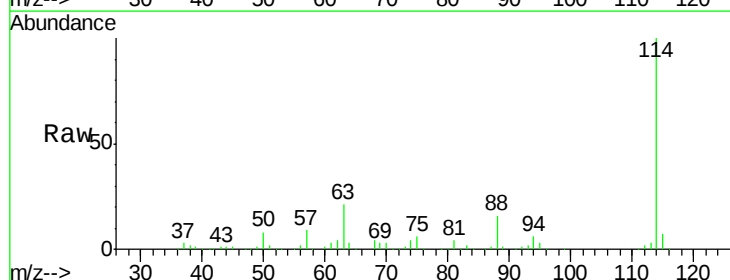
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062322.D
 Acq: 2 Jul 2020 5:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	387274		
63	21.2	0.0	39.2	
88	16.2	0.0	30.8	





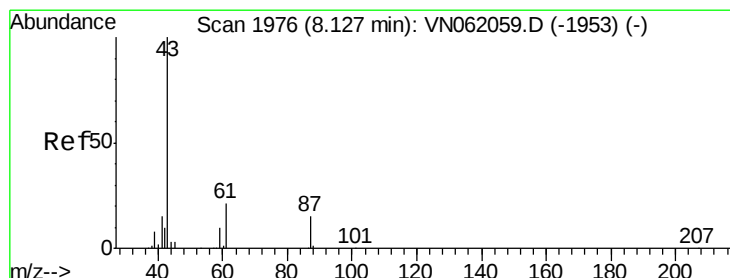
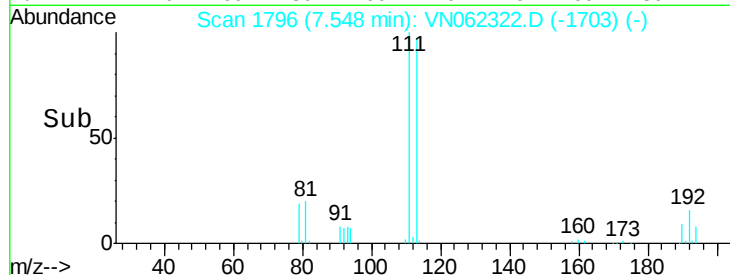
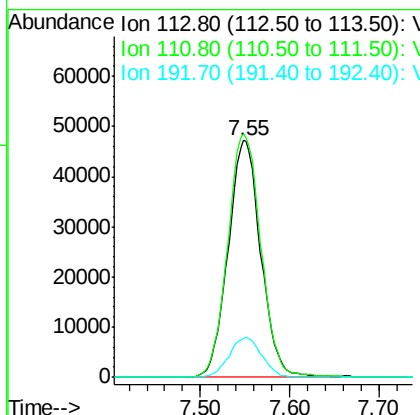
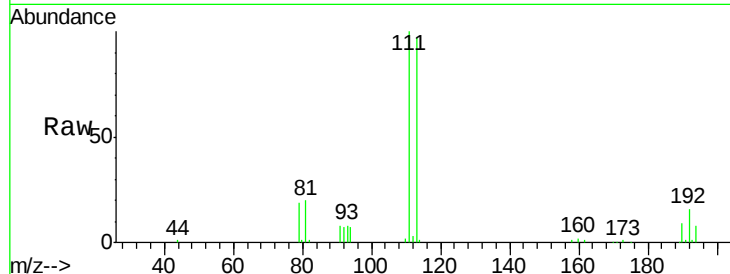
#35
 Dibromofluoromethane
 Concen: 48.138 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062322.D
 Acq: 2 Jul 2020 5:09

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129873ZHE#08

Tot Ion	Ratio	Resp	Lower	Upper
113	100	119601		
111	104.7	82.2	123.4	
192	16.8	14.0	21.0	

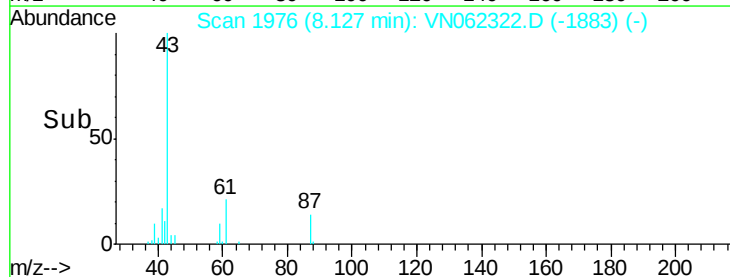
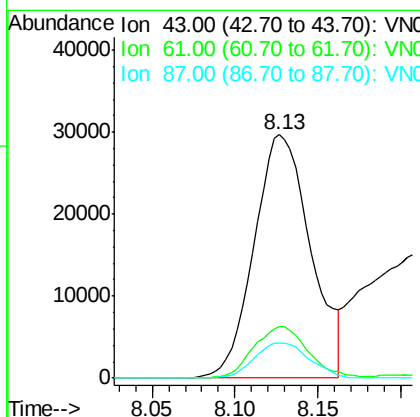
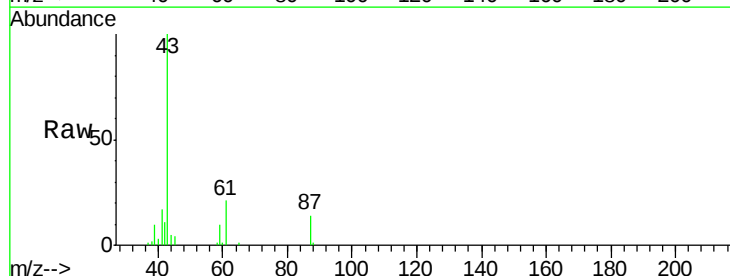
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#43
 Isopropyl Acetate
 Concen: 13.404 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062322.D
 Acq: 2 Jul 2020 5:09

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	70435		
61	20.7	17.2	25.8	
87	13.9	12.1	18.1	





#50

Toluene-d8

Concen: 51.703 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062322.D

Acq: 2 Jul 2020 5:09

Instrument :

MSVOA_N

ClientSampleId :

PB129873ZHE#08

Tot Ion: 98 Resp: 513493

Ion Ratio Lower Upper

98 100

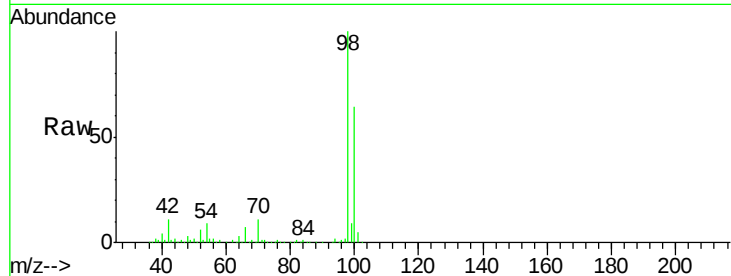
100 64.4 51.2 76.8

Manual Integrations

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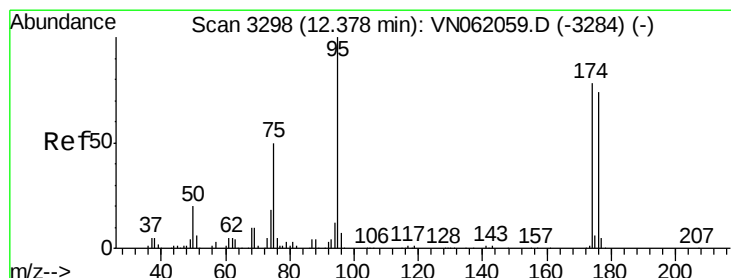
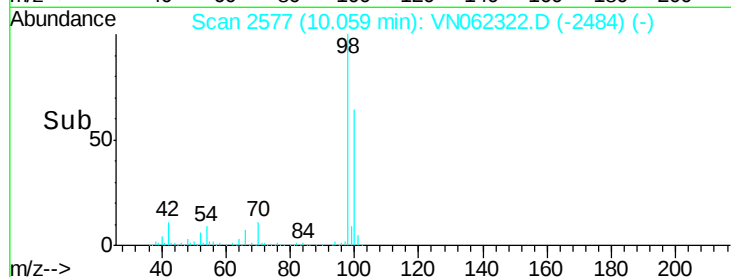
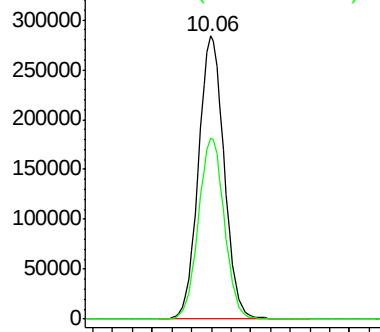
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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 46.904 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062322.D

Acq: 2 Jul 2020 5:09

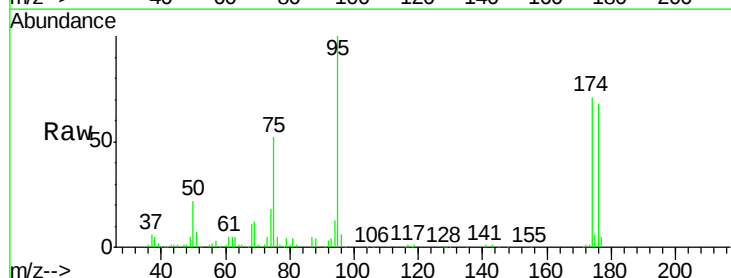
Tgt Ion: 95 Resp: 157384

Ion Ratio Lower Upper

95 100

174 71.8 0.0 154.8

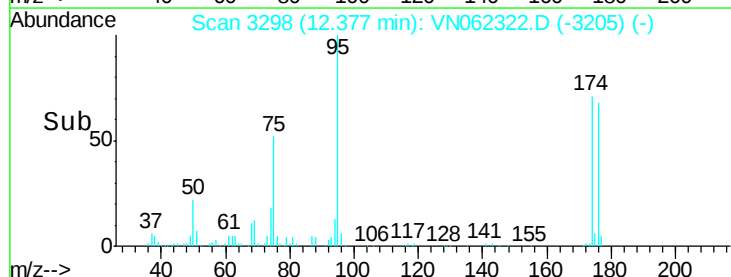
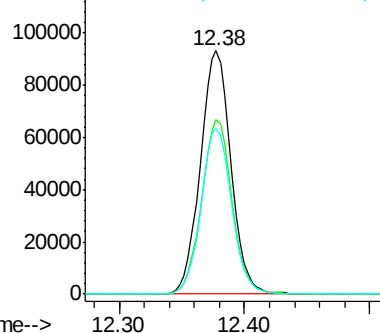
176 68.0 0.0 147.4

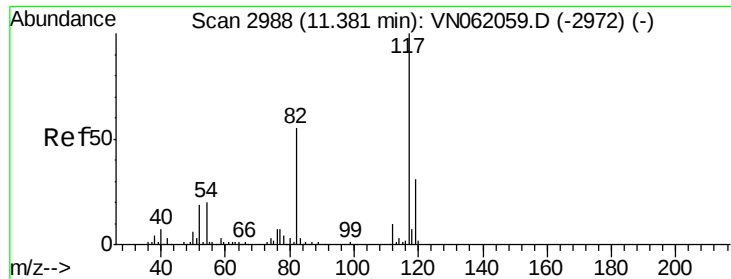


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





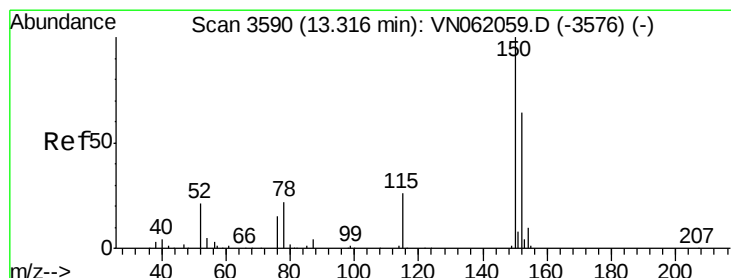
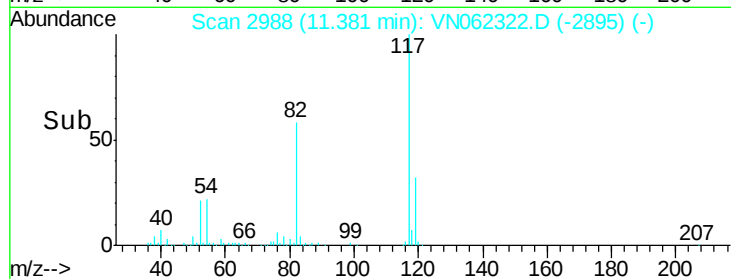
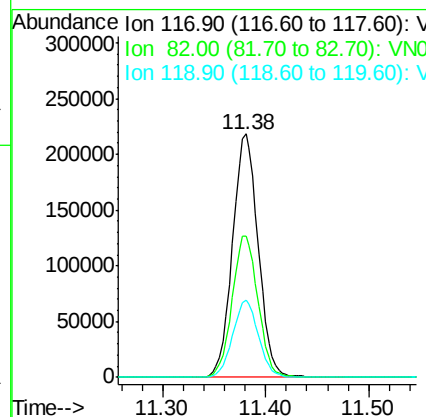
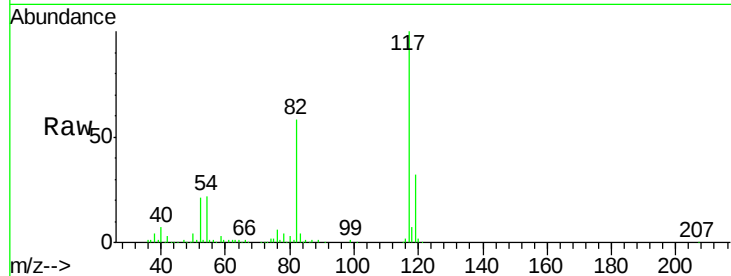
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062322.D
Acq: 2 Jul 2020 5:09

Instrument :
MSVOA_N
ClientSampleId :
PB129873ZHE#08

Tot Ion	Ratio	Resp	Lower	Upper
117	100	378577		
82	58.1	43.8	65.8	
119	31.8	25.2	37.8	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062322.D
Acq: 2 Jul 2020 5:09

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	124989		
115	59.8	29.5	88.5	
150	155.7	0.0	351.4	

