

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063801.D
 Acq On : 2 Oct 2020 4:08
 Operator : JC/MD
 Sample : L4190-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B18-092920-0-1

Manual Integrations
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 10/2/2020 3:12:14 PM

Quant Time: Oct 02 05:48:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	209547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	395998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	409497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	189430	54.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.44%	
35) Dibromofluoromethane	7.55	113	135096	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
50) Toluene-d8	10.06	98	512583	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.38	95	203173	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
Target Compounds						
16) Acetone	3.78	43	22935	21.522	ug/l	96
18) Methyl Acetate	4.30	43	4357m	1.575	ug/l	
20) Methylene Chloride	4.51	84	9047	3.797	ug/l	97
43) Isopropyl Acetate	8.13	43	74854	11.386	ug/l	98

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

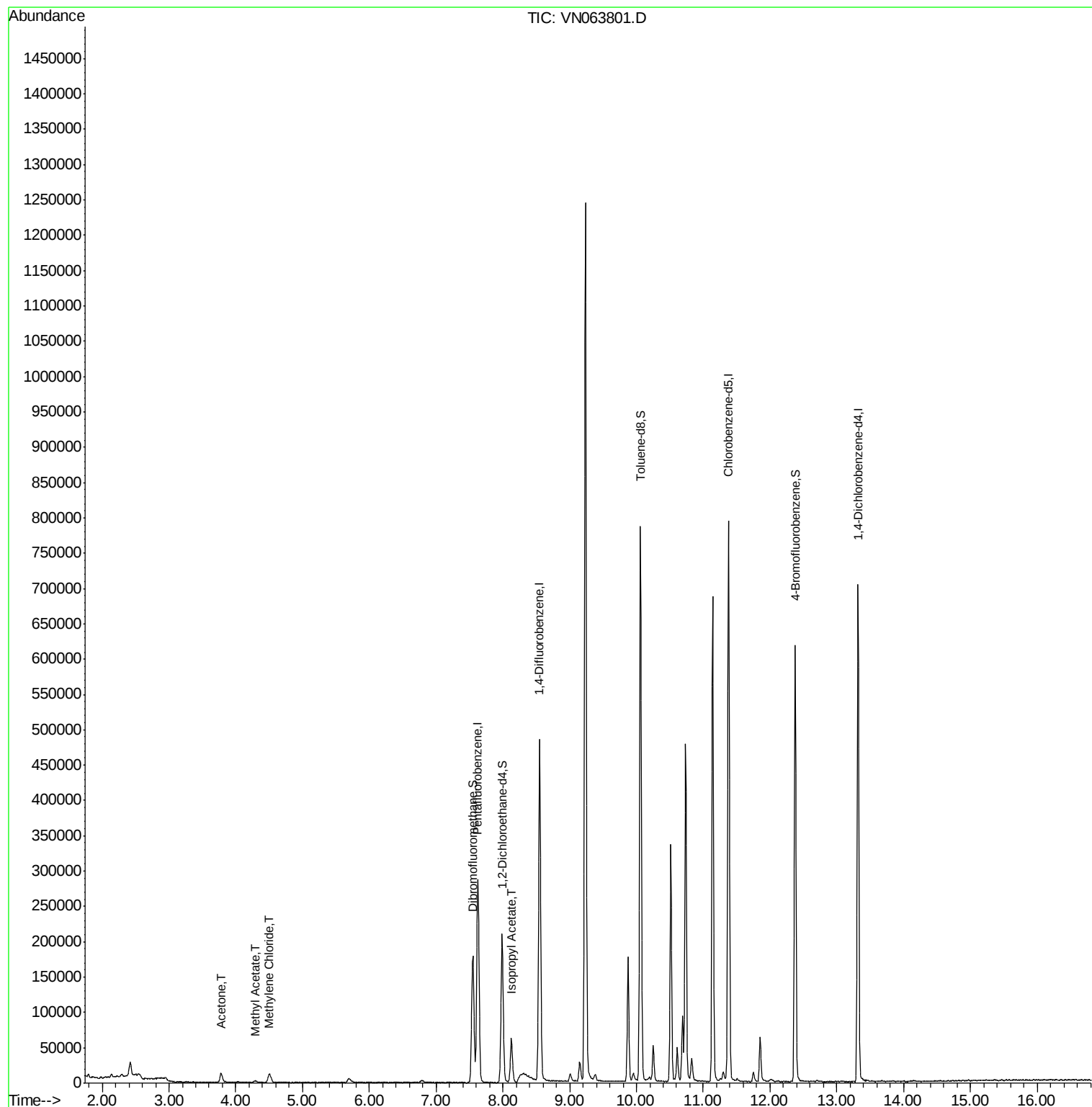
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100120\
Data File : VN063801.D
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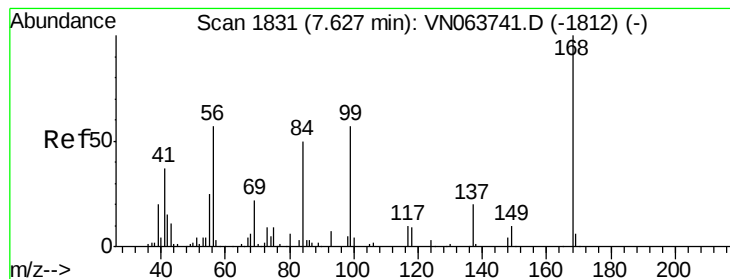
Instrument :
MSVOA_N
ClientSampleId :
PAV-B18-092920-0-1

Manual Integrations
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10/2/2020 3:12:14 PM

Quant Time: Oct 02 05:48:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 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: VN063801.D

Acq: 2 Oct 2020 4:08

Instrument :

MSVOA_N

ClientSampleId :

PAV-B18-092920-0-1

Tot Ion:168 Resp: 209547

Ion Ratio Lower Upper

168 100

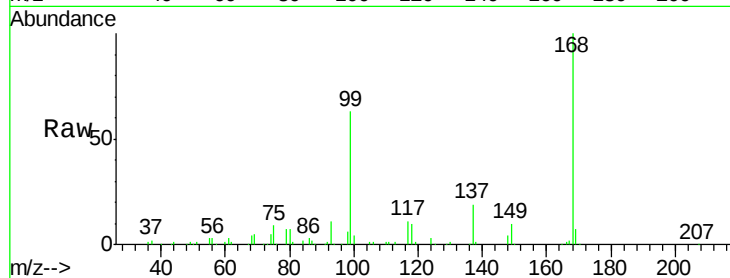
99 62.6 51.8 77.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

60000

40000

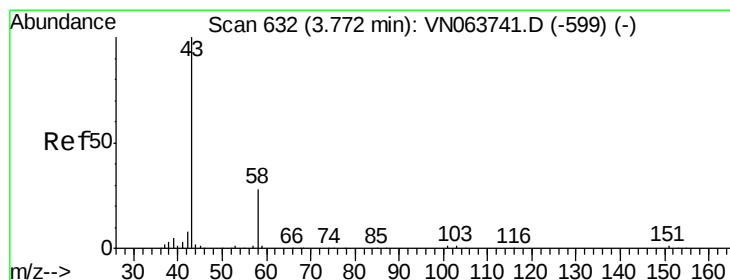
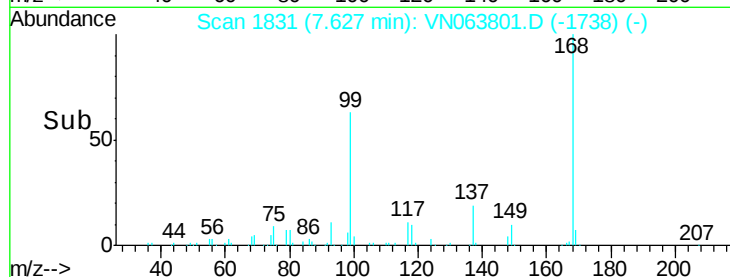
20000

0

7.50

7.60

7.70



#16

Acetone

Concen: 21.522 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063801.D

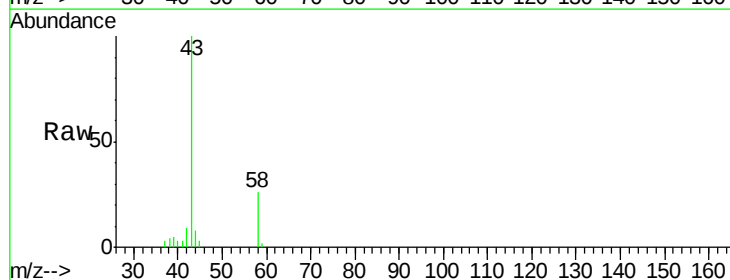
Acq: 2 Oct 2020 4:08

Tgt Ion: 43 Resp: 22935

Ion Ratio Lower Upper

43 100

58 25.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

8000

6000

4000

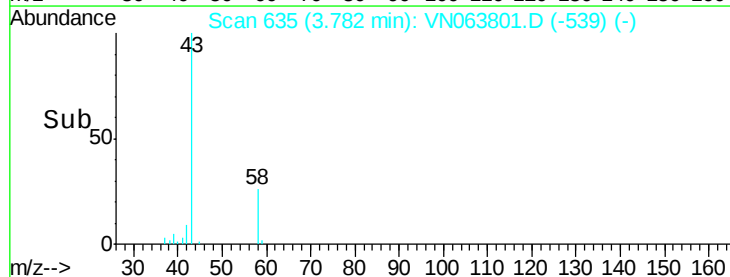
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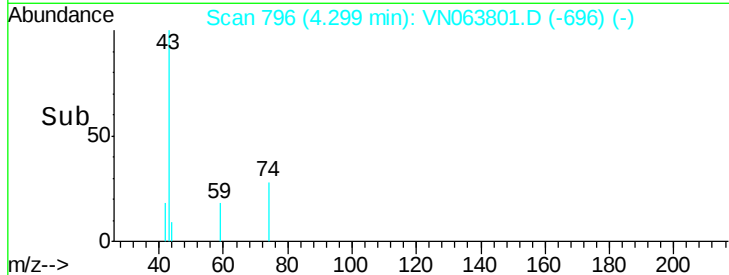
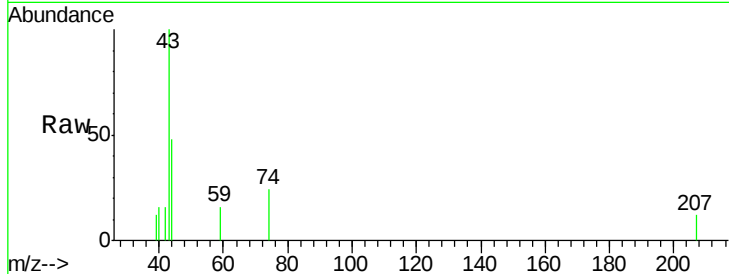
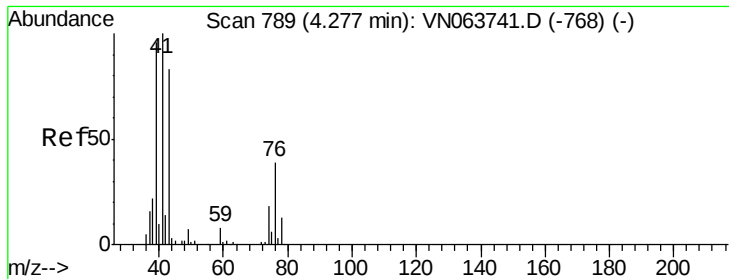
0

3.70

3.80

3.90





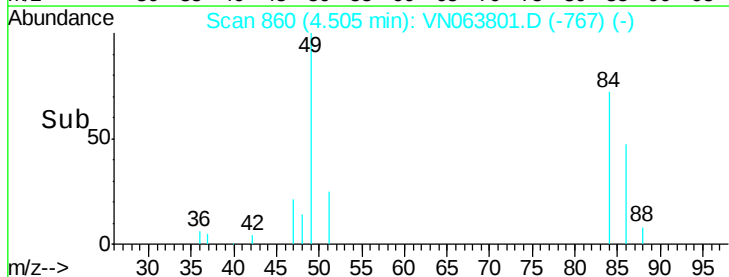
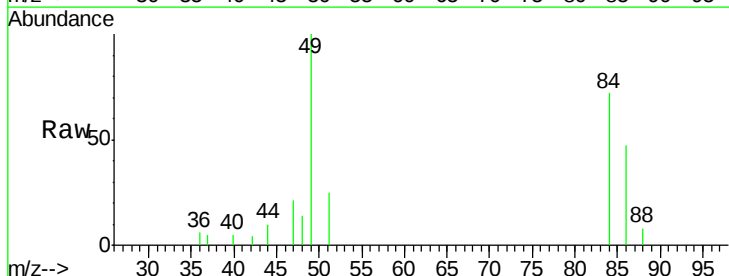
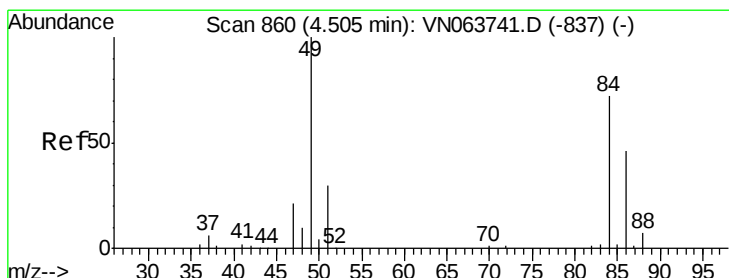
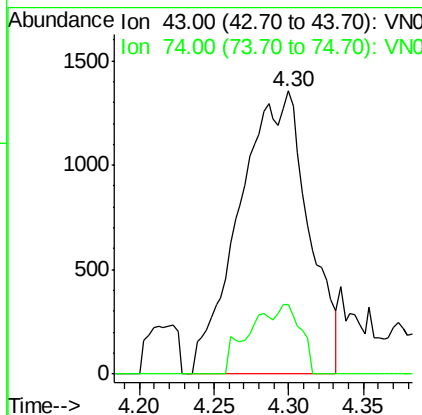
#18
Methyl Acetate
Concen: 1.575 ug/l m
RT: 4.30 min Scan# 796
Delta R.T. 0.02 min
Lab File: VN063801.D
Acq: 2 Oct 2020 4:08

Tot Ion: 43 Resp: 4357
Ion Ratio Lower Upper
43 100
74 7.6 17.4 26.2#

Instrument :
MSVOA_N
ClientSampleId :
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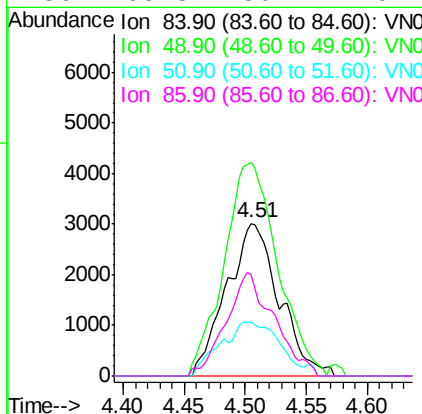
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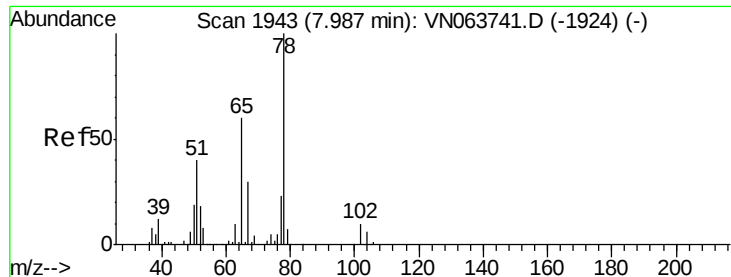
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#20
Methylene Chloride
Concen: 3.797 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063801.D
Acq: 2 Oct 2020 4:08

Tgt Ion: 84 Resp: 9047
Ion Ratio Lower Upper
84 100
49 139.7 110.4 165.6
51 35.0 33.3 49.9
86 65.8 50.7 76.1





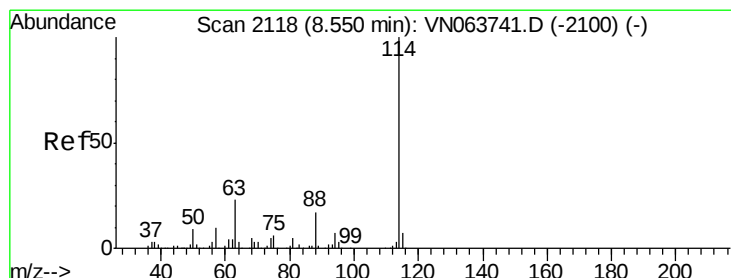
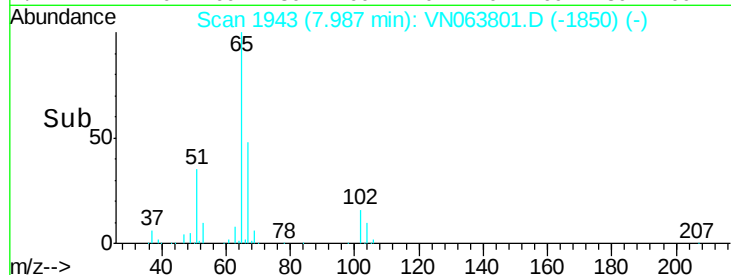
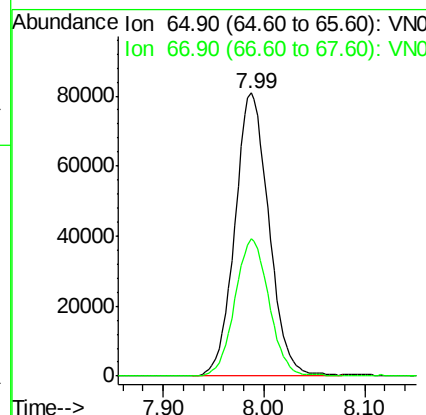
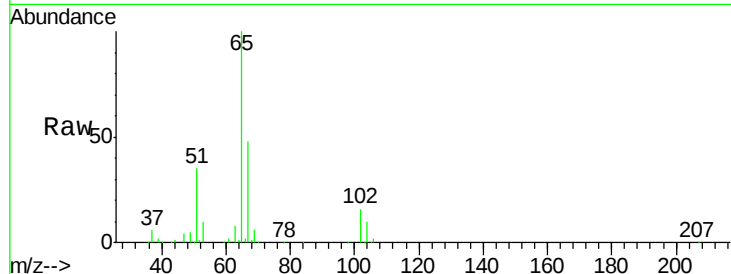
#33
 1,2-Dichloroethane-d4
 Concen: 54.719 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063801.D
 Acq: 2 Oct 2020 4:08

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B18-092920-0-1

Tot Ion	Ratio	Resp	Lower	Upper
65	100	189430		
67	48.3	0.0	99.6	

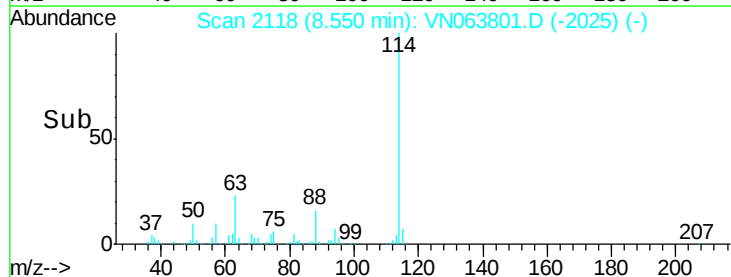
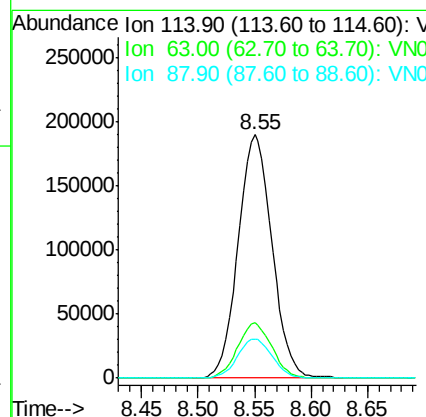
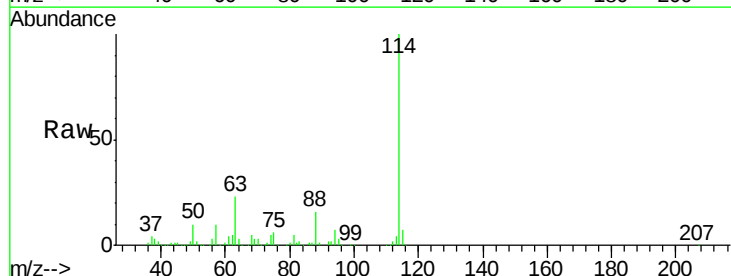
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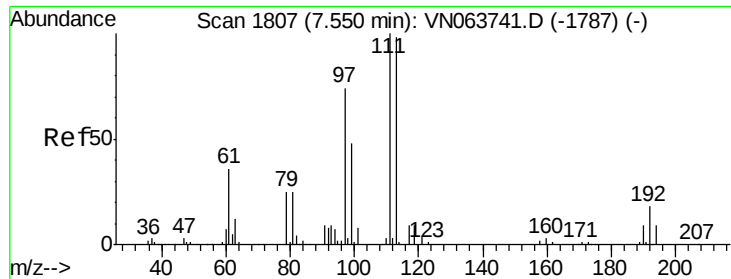
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063801.D
 Acq: 2 Oct 2020 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	395998		
63	22.9	0.0	45.0	
88	16.2	0.0	34.0	





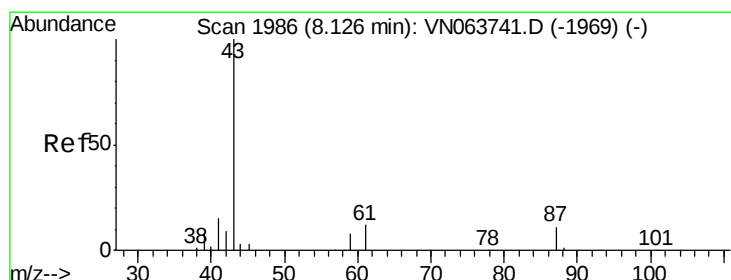
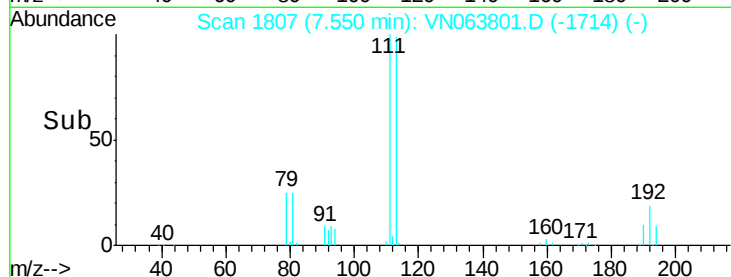
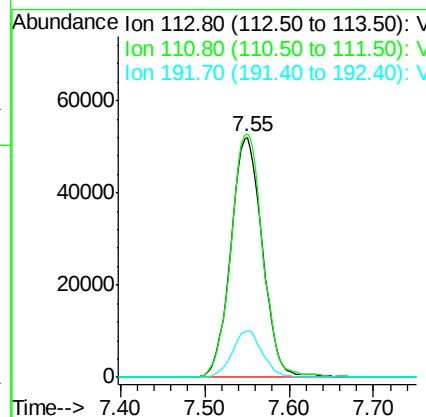
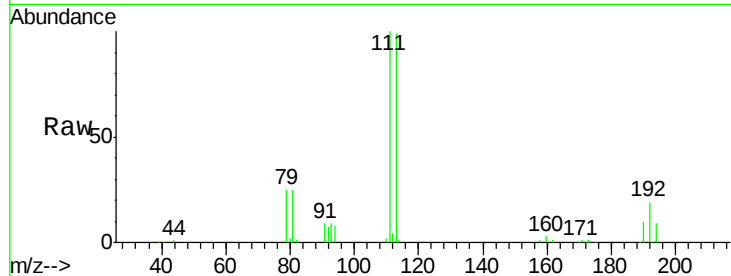
#35
Dibromofluoromethane
Concen: 49.166 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063801.D
Acq: 2 Oct 2020 4:08

Instrument :
MSVOA_N
ClientSampleId :
PAV-B18-092920-0-1

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135096		
111	101.4	81.8	122.8	
192	18.5	14.2	21.2	

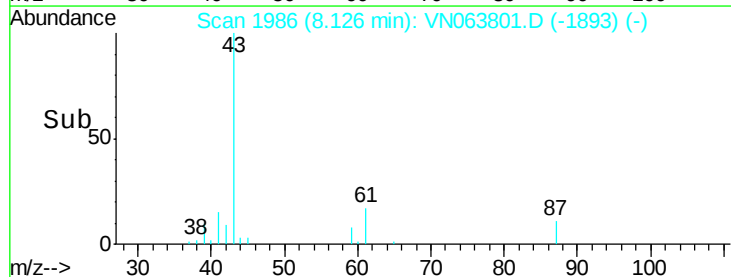
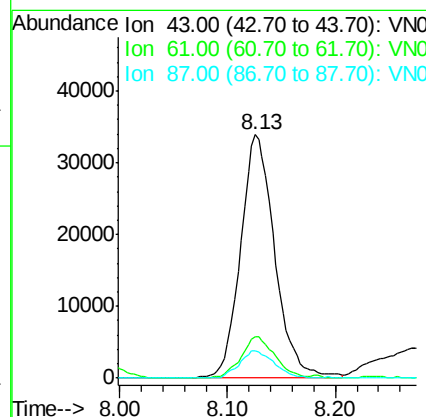
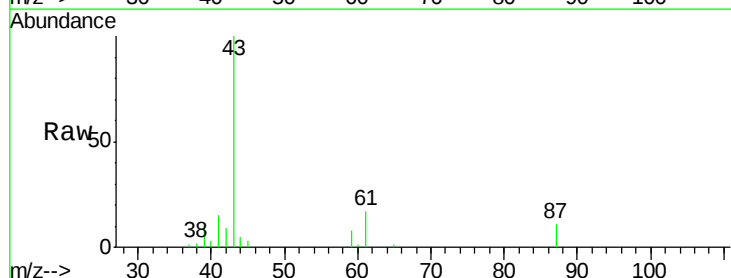
Manual Integrations
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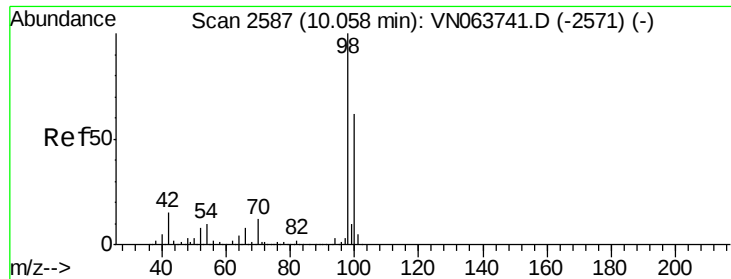
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#43
Isopropyl Acetate
Concen: 11.386 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063801.D
Acq: 2 Oct 2020 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	74854		
61	16.7	14.2	21.4	
87	11.1	9.0	13.6	





#50

Toluene-d8

Concen: 49.209 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063801.D

Acq: 2 Oct 2020 4:08

Instrument :

MSVOA_N

ClientSampleId :

PAV-B18-092920-0-1

Tot Ion: 98 Resp: 512583

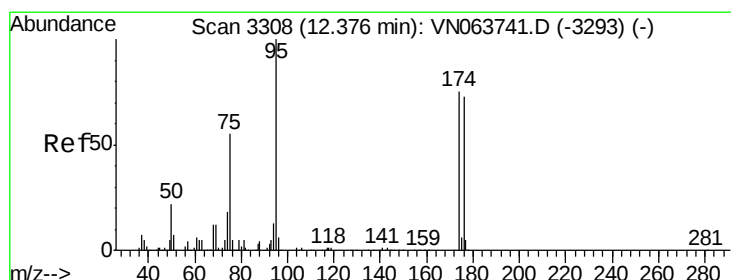
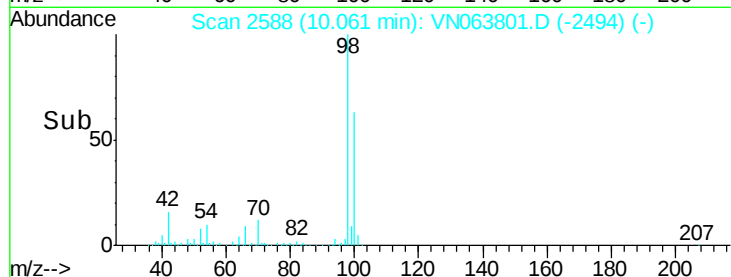
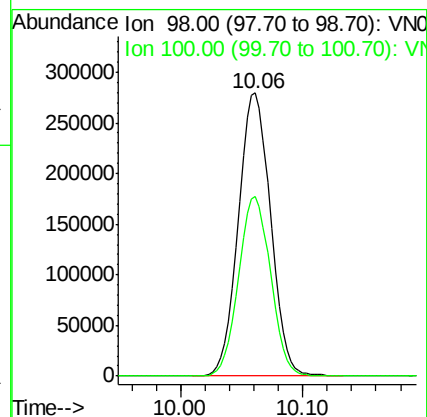
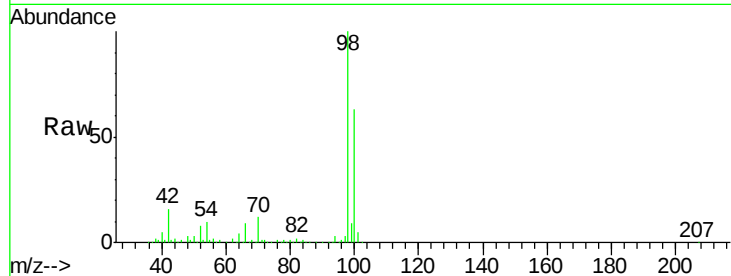
Ion Ratio Lower Upper

98 100

100 63.0 49.8 74.6

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 51.888 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063801.D

Acq: 2 Oct 2020 4:08

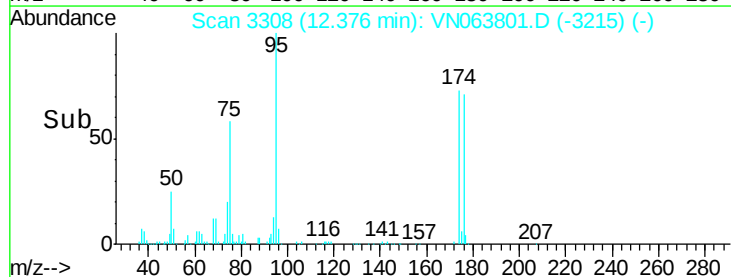
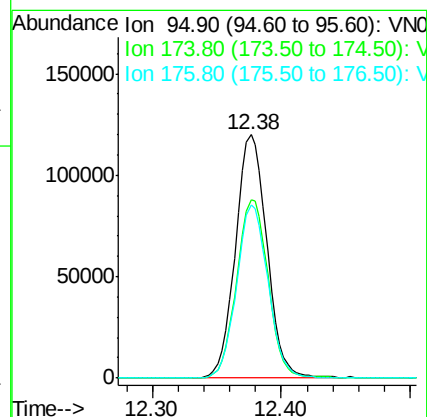
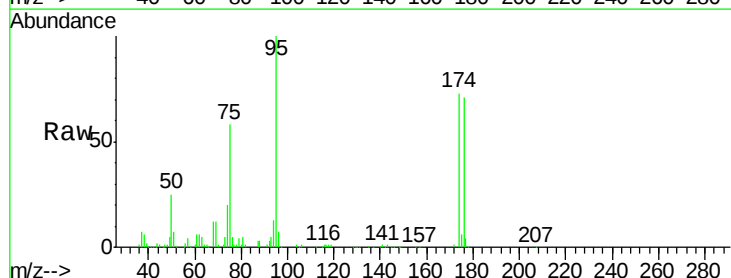
Tgt Ion: 95 Resp: 203173

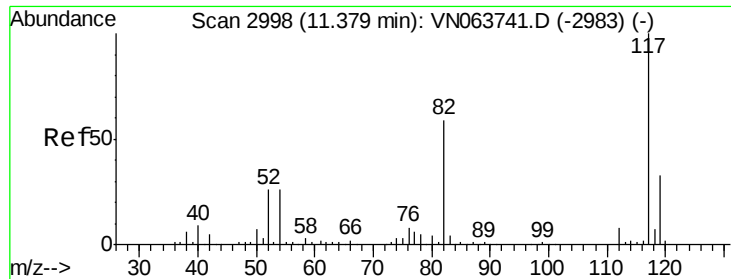
Ion Ratio Lower Upper

95 100

174 73.9 0.0 150.6

176 71.4 0.0 145.4





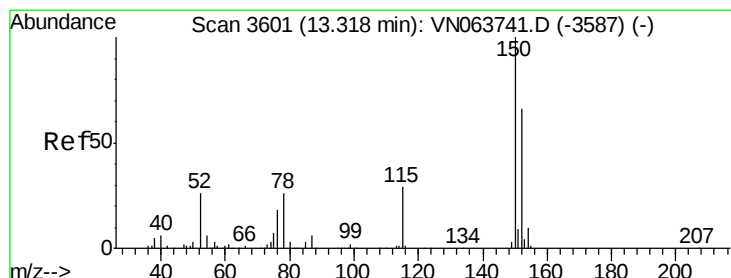
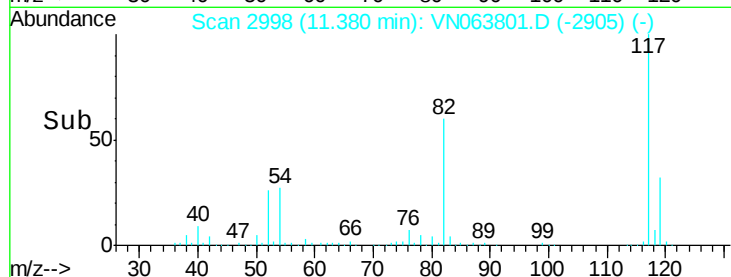
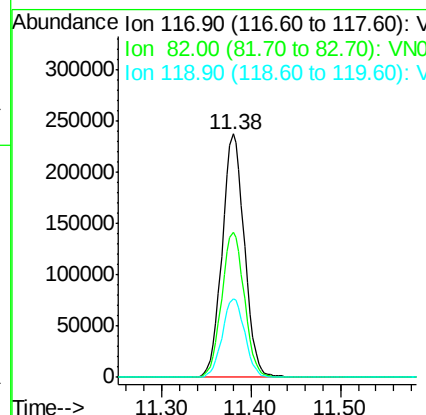
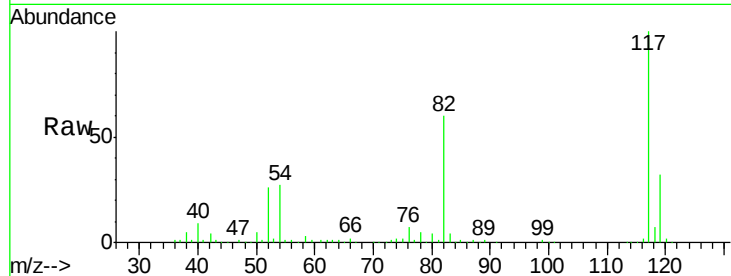
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063801.D
Acq: 2 Oct 2020 4:08

Instrument :
MSVOA_N
ClientSampleId :
PAV-B18-092920-0-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.4	71.2
119	32.4	26.4	39.6

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063801.D
Acq: 2 Oct 2020 4:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.1	31.3	93.8
150	160.7	0.0	341.8

