

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064089.D
 Acq On : 12 Oct 2020 19:50
 Operator : JC/MD
 Sample : L4333-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OH-WC-C-J4

Manual Integrations
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Quant Time: Oct 13 02:39:29 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	227304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	419913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	431747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169305	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	191308	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
35) Dibromofluoromethane	7.55	113	112725	38.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.38%	
50) Toluene-d8	10.06	98	533258	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.38	95	208044	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
Target Compounds						
16) Acetone	3.78	43	37842	32.736	ug/l	96
18) Methyl Acetate	4.29	43	3120m	1.040	ug/l	
20) Methylene Chloride	4.51	84	12098	4.658	ug/l	87

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

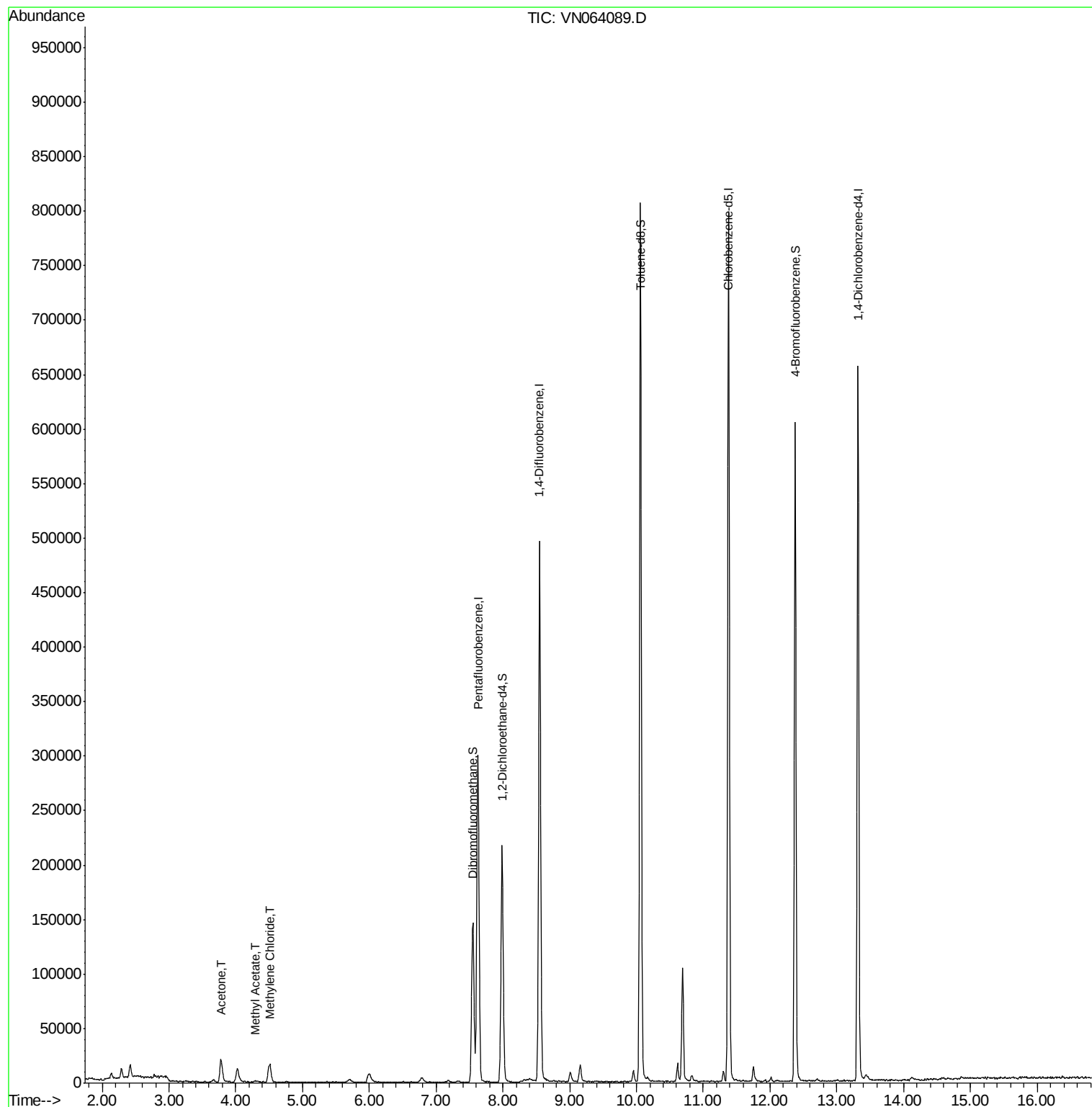
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101220\
Data File : VN064089.D
Acq On : 12 Oct 2020 19:50
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ALS Vial : 14 Sample Multiplier: 1

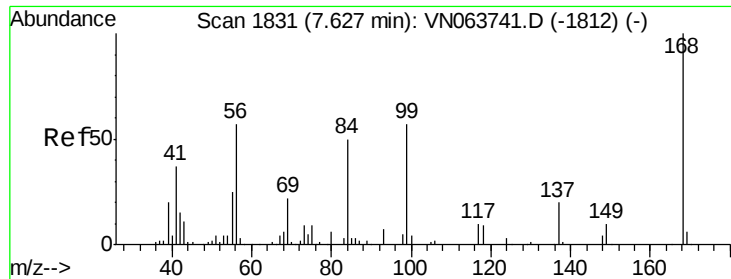
Instrument :
MSVOA_N
ClientSampleId :
OH-WC-C-J4

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Quant Time: Oct 13 02:39:29 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: VN064089.D

Acq: 12 Oct 2020 19:50

Instrument :

MSVOA_N

ClientSampleId :

OH-WC-C-J4

Tot Ion:168 Resp: 227304

Ion Ratio Lower Upper

168 100

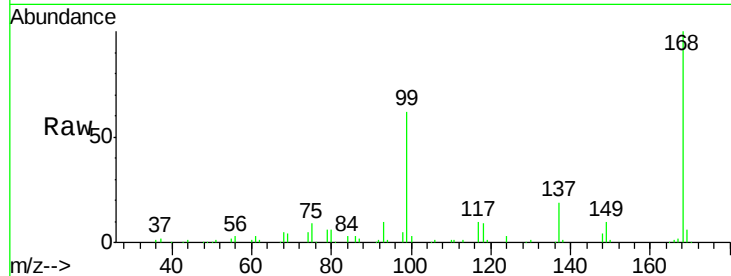
99 61.5 51.8 77.6

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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

100000

80000

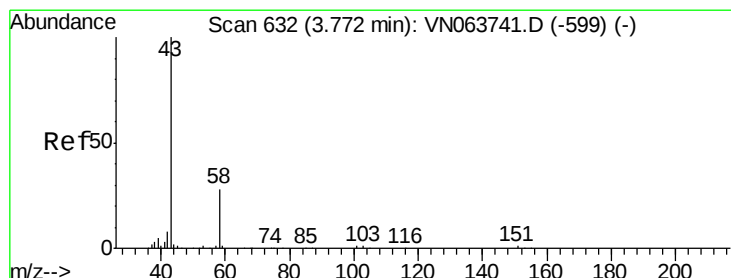
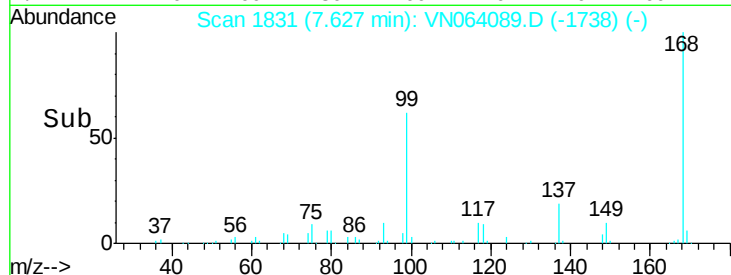
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 32.736 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN064089.D

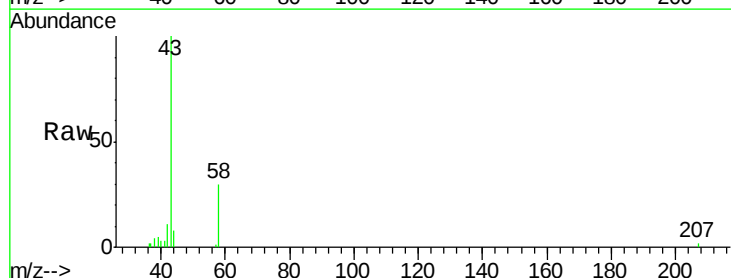
Acq: 12 Oct 2020 19:50

Tgt Ion: 43 Resp: 37842

Ion Ratio Lower Upper

43 100

58 29.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

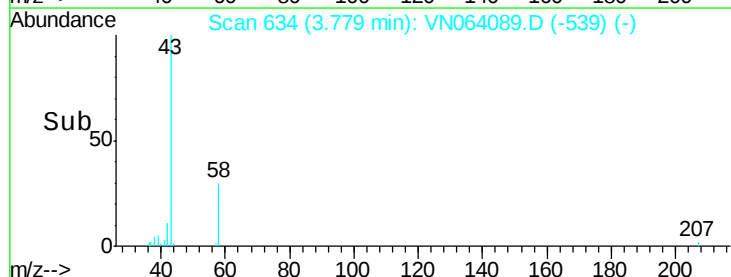
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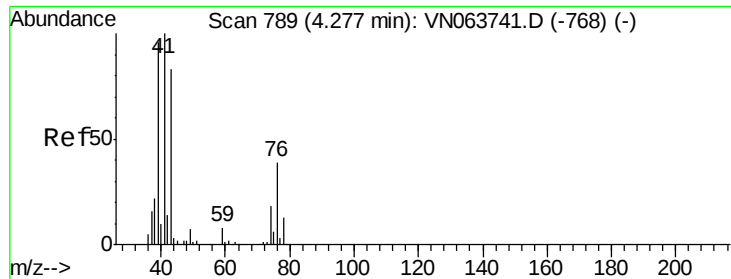
10000

5000

0

Time--> 3.70 3.80 3.90





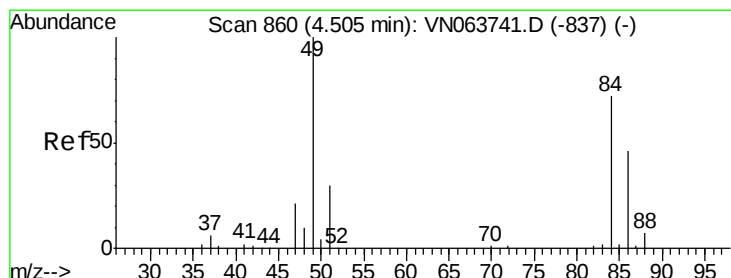
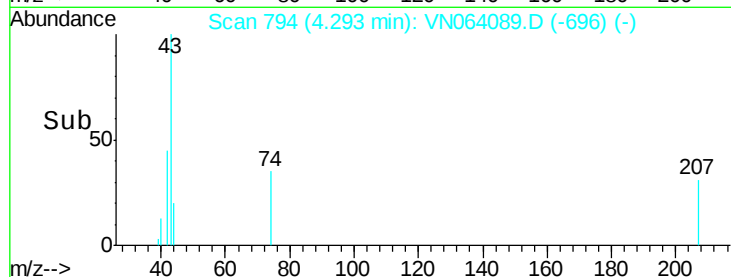
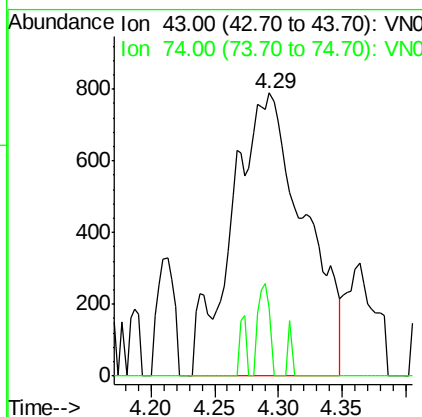
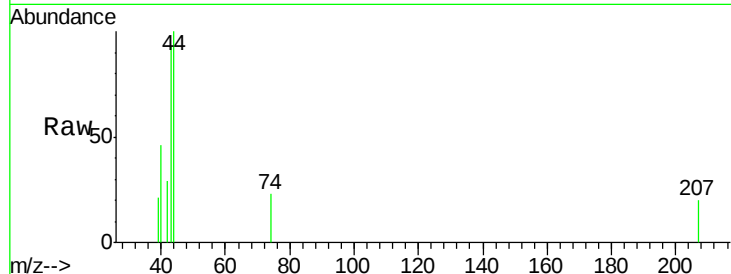
#18
Methyl Acetate
Concen: 1.040 ug/l m
RT: 4.29 min Scan# 794
Delta R.T. 0.02 min
Lab File: VN064089.D
Acq: 12 Oct 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
OH-WC-C-J4

Tot Ion: 43 Resp: 3120
Ion Ratio Lower Upper
43 100
74 2.0 17.4 26.2#

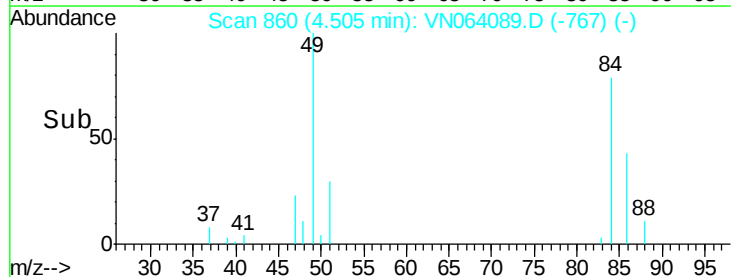
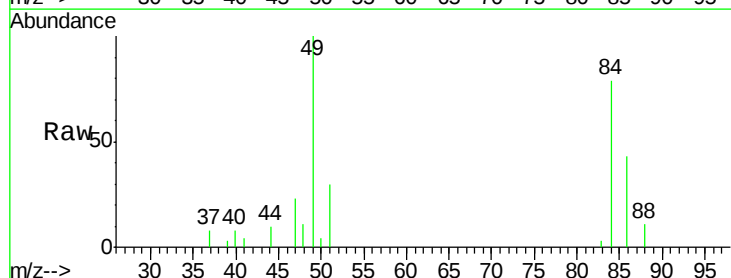
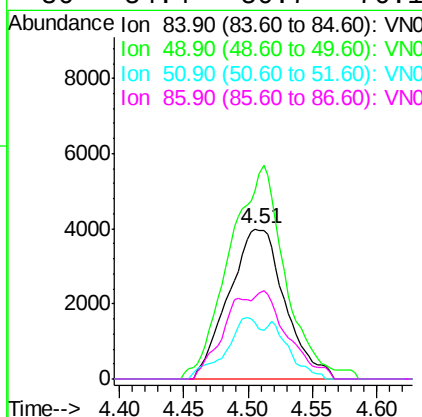
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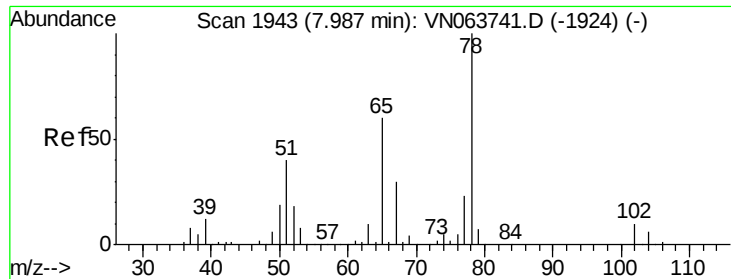
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#20
Methylene Chloride
Concen: 4.658 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064089.D
Acq: 12 Oct 2020 19:50

Tgt Ion: 84 Resp: 12098
Ion Ratio Lower Upper
84 100
49 120.3 110.4 165.6
51 37.2 33.3 49.9
86 54.4 50.7 76.1





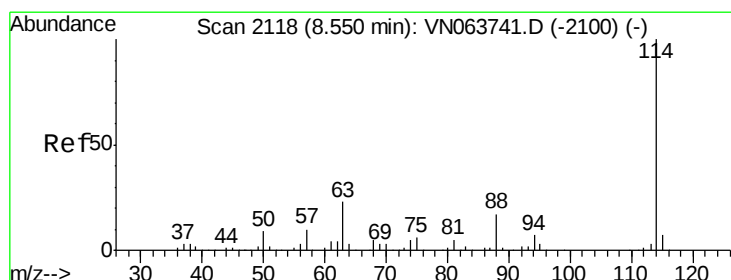
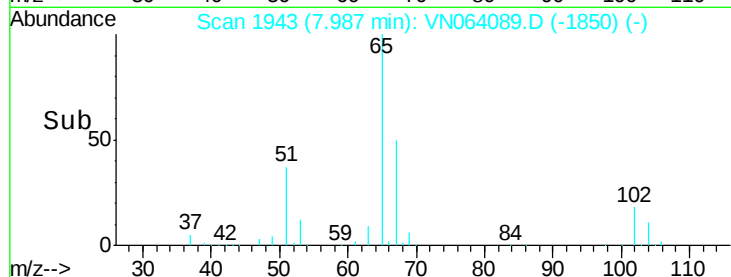
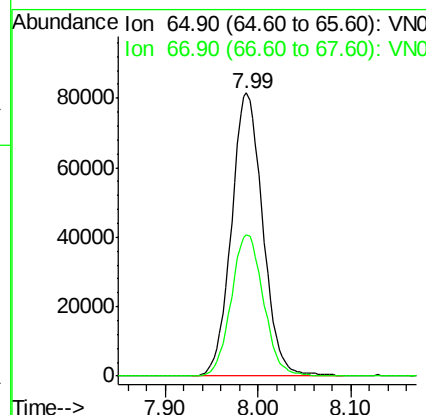
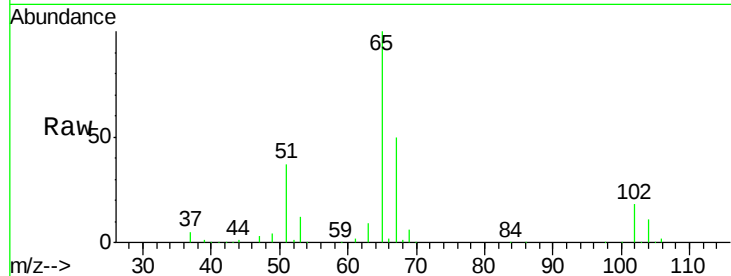
#33
 1,2-Dichloroethane-d4
 Concen: 50.945 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064089.D
 Acq: 12 Oct 2020 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 OH-WC-C-J4

Tot Ion	Ratio	Resp	Lower	Upper
65	100	191308		
67	51.3	0.0	99.6	

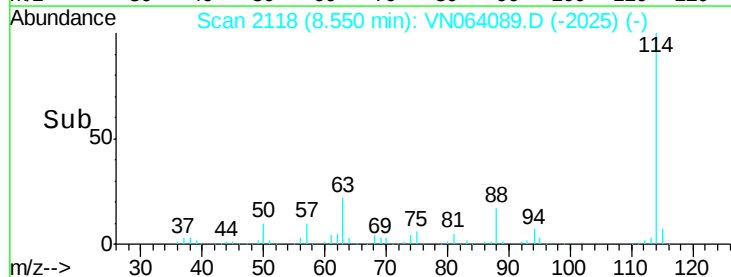
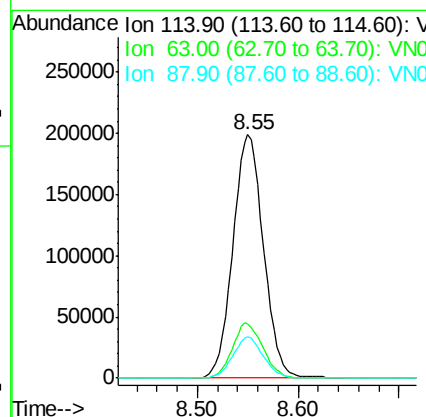
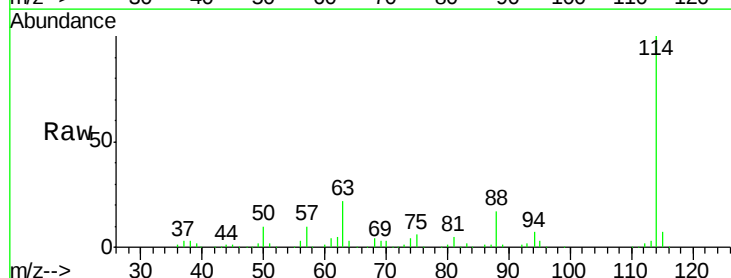
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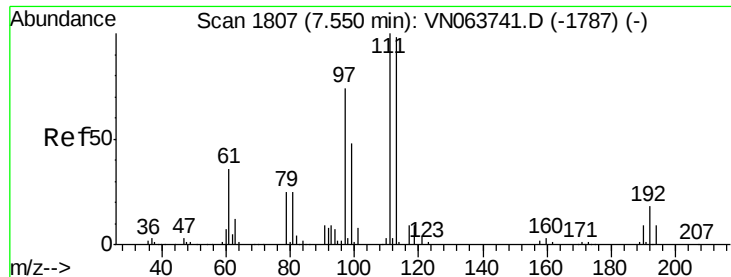
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064089.D
 Acq: 12 Oct 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	419913		
63	22.3	0.0	45.0	
88	17.0	0.0	34.0	





#35

Dibromofluoromethane

Concen: 38.688 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064089.D

Acq: 12 Oct 2020 19:50

Instrument :

MSVOA_N

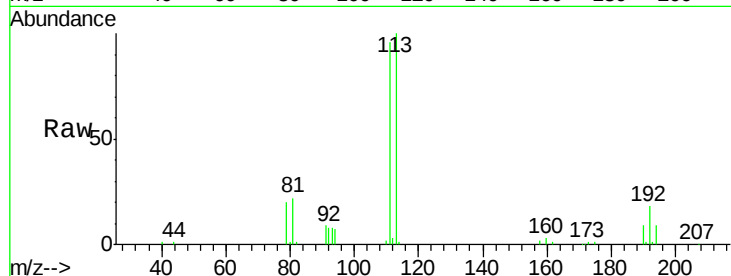
ClientSampleId :

OH-WC-C-J4

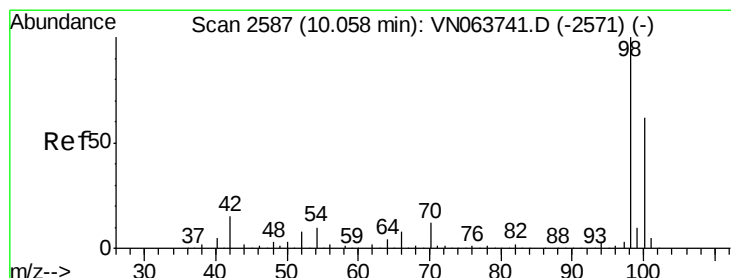
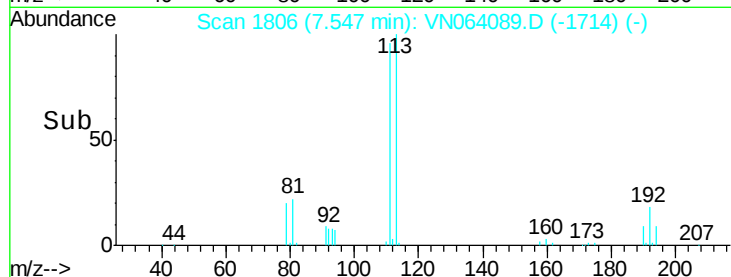
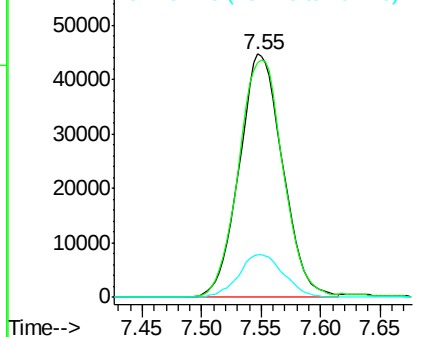
Tot Ion:	113	Resp:	112725
Ion Ratio	Lower	Upper	
113	100		
111	100.7	81.8	122.8
192	18.3	14.2	21.2

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 48.279 ug/l

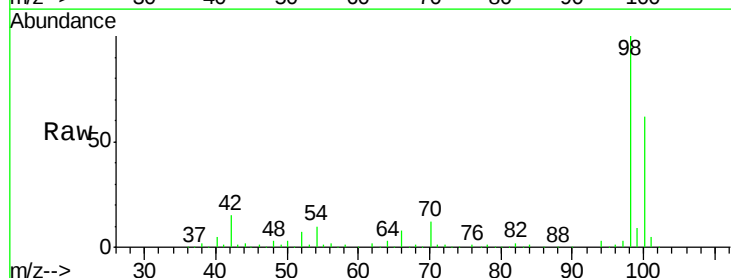
RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

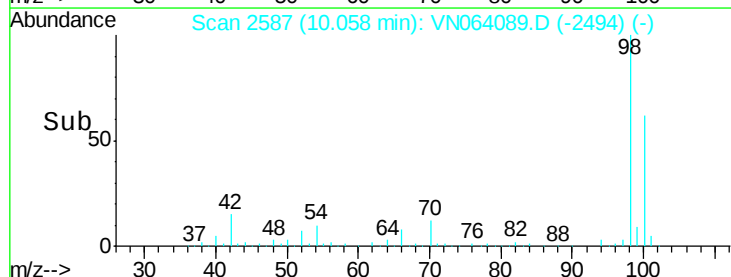
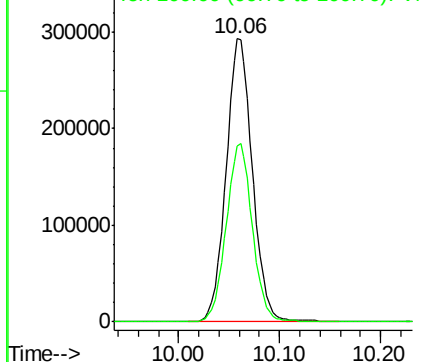
Lab File: VN064089.D

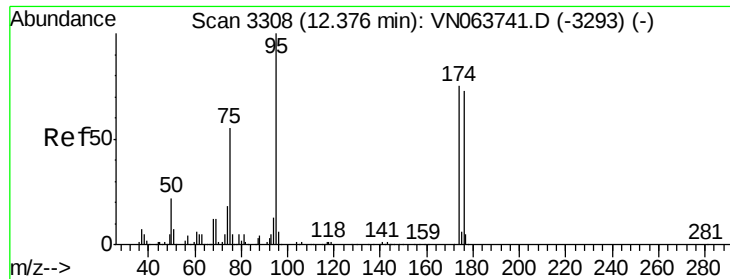
Acq: 12 Oct 2020 19:50

Tgt Ion:	98	Resp:	533258
Ion Ratio	Lower	Upper	
98	100		
100	62.8	49.8	74.6



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





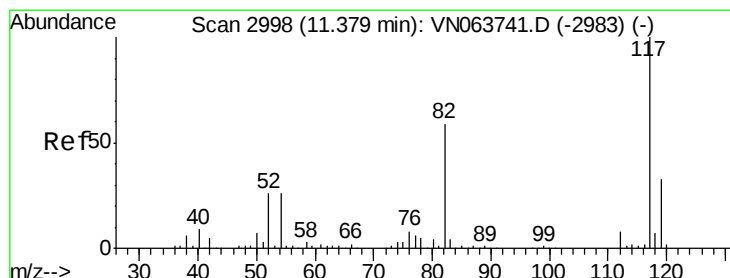
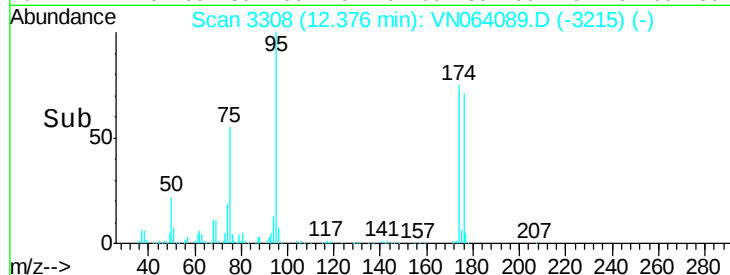
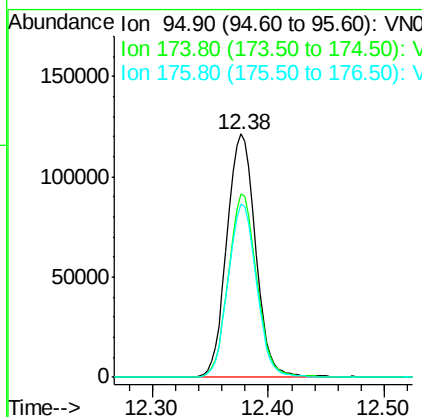
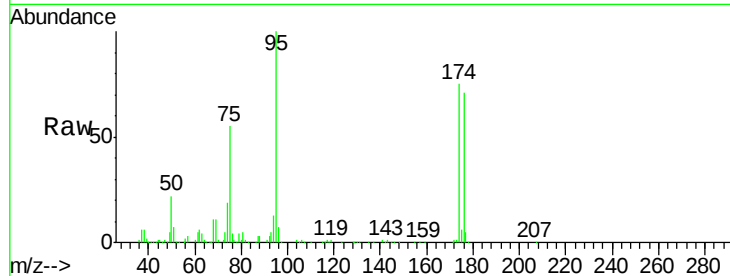
#62
4-Bromofluorobenzene
Concen: 50.106 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064089.D
Acq: 12 Oct 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
OH-WC-C-J4

Tot Ion	Ratio	Resp	Lower	Upper
95	100	208044		
174	74.2	0.0	150.6	
176	70.1	0.0	145.4	

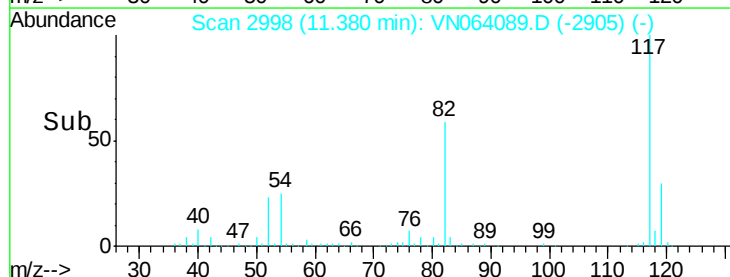
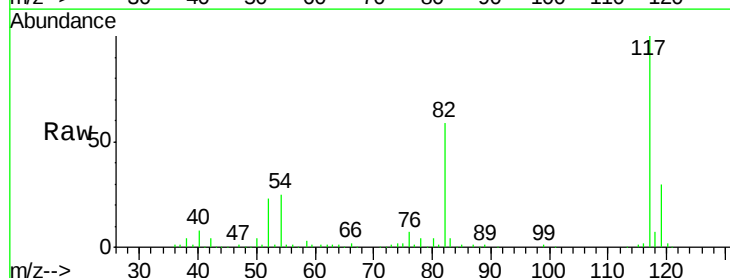
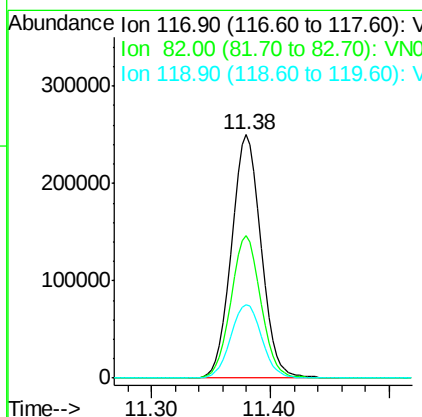
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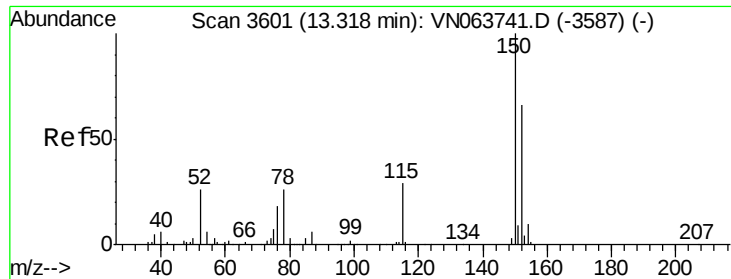
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064089.D
Acq: 12 Oct 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	431747		
82	58.6	47.4	71.2	
119	30.3	26.4	39.6	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064089.D

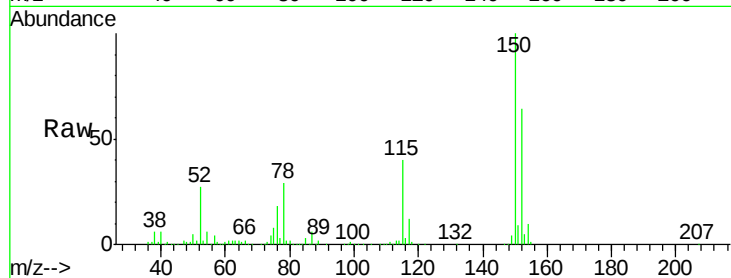
Acq: 12 Oct 2020 19:50

Instrument :

MSVOA_N

ClientSampleId :

OH-WC-C-J4



Tot Ion: 152 Resp: 169305

Ion Ratio Lower Upper

152 100

115 62.7 31.3 93.8

150 157.2 0.0 341.8

Manual Integrations
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