

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091820\
 Data File : VN063467.D
 Acq On : 18 Sep 2020 19:01
 Operator : JC/MD
 Sample : L3871-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-091720

Manual Integrations
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 9/21/2020 11:49:53 AM

Quant Time: Sep 21 02:29:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	233294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	438565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	442438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	191979	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
35) Dibromofluoromethane	7.55	113	138977	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
50) Toluene-d8	10.06	98	567118	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.38	95	226009	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
Target Compounds						
16) Acetone	3.78	43	42718	33.470	ug/l	99
18) Methyl Acetate	4.30	43	4440m	1.370	ug/l	
20) Methylene Chloride	4.51	84	13998	4.329	ug/l	95
43) Isopropyl Acetate	8.13	43	91033	11.102	ug/l	98

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

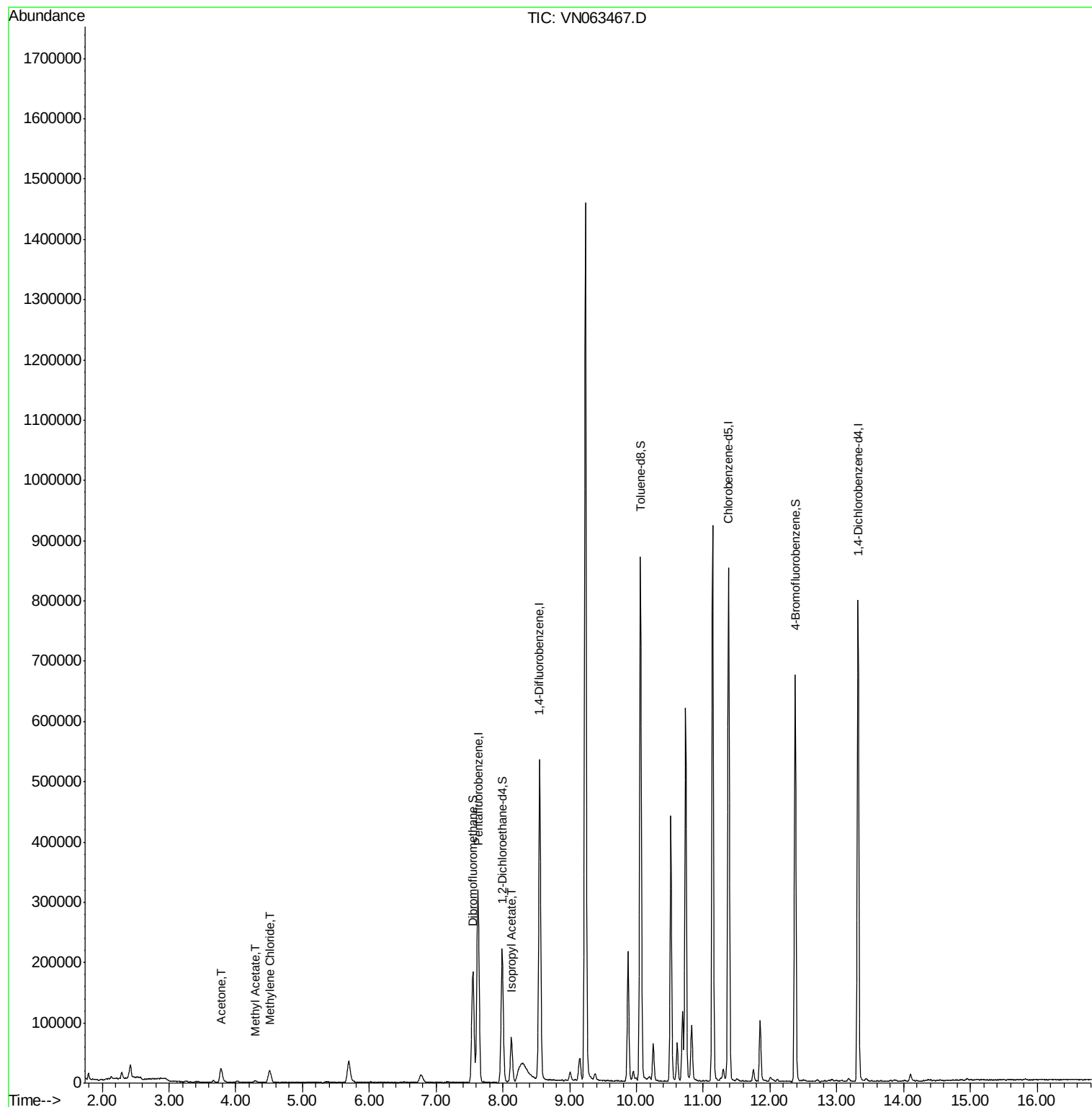
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091820\
Data File : VN063467.D
Acq On : 18 Sep 2020 19:01
Operator : JC/MD
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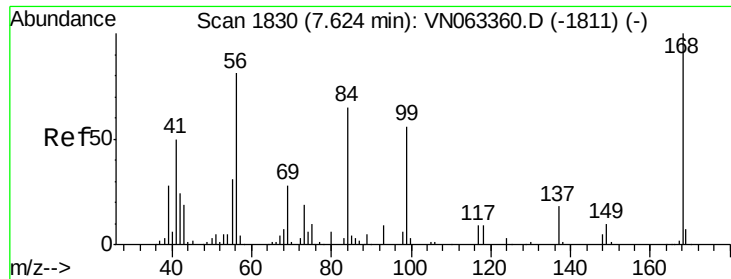
Instrument :
MSVOA_N
ClientSampleId :
TR-05-091720

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Quant Time: Sep 21 02:29:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 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: VN063467.D

Acq: 18 Sep 2020 19:01

Instrument :

MSVOA_N

ClientSampled :

TR-05-091720

Tot Ion:168 Resp: 233294

Ion Ratio Lower Upper

168 100

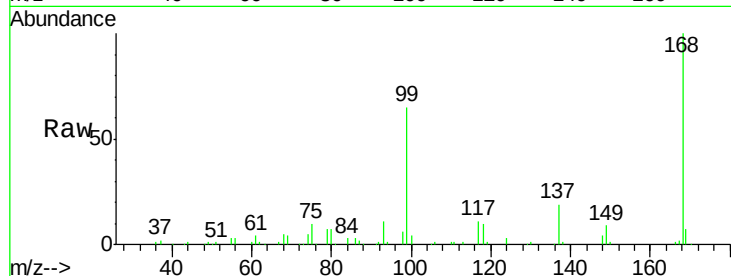
99 65.1 53.0 79.6

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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

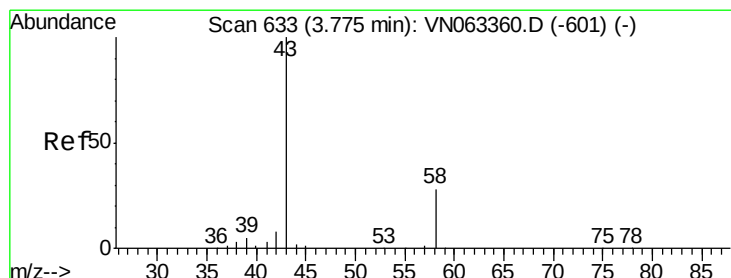
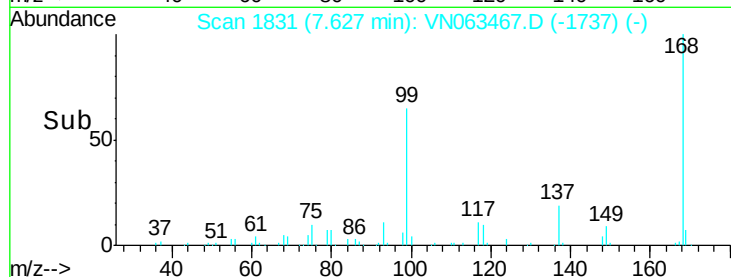
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 33.470 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063467.D

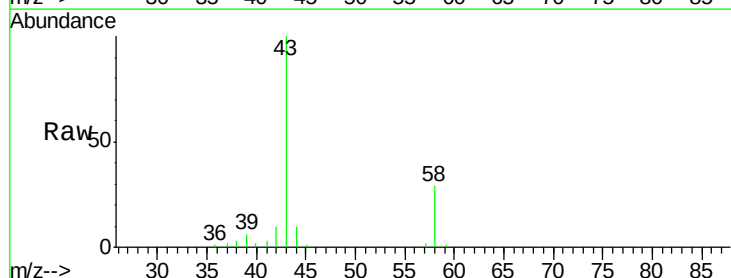
Acq: 18 Sep 2020 19:01

Tgt Ion: 43 Resp: 42718

Ion Ratio Lower Upper

43 100

58 27.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

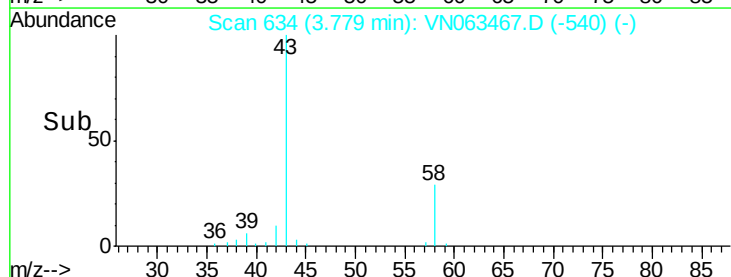
15000

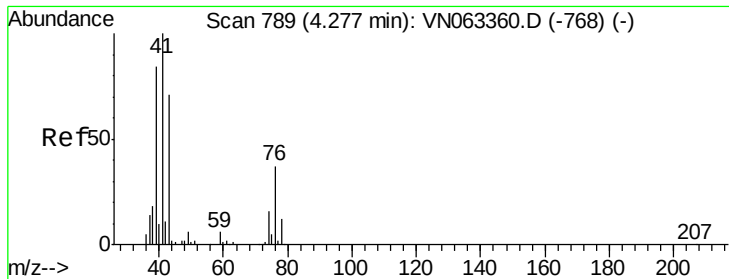
10000

5000

0

Time--> 3.70 3.80 3.90





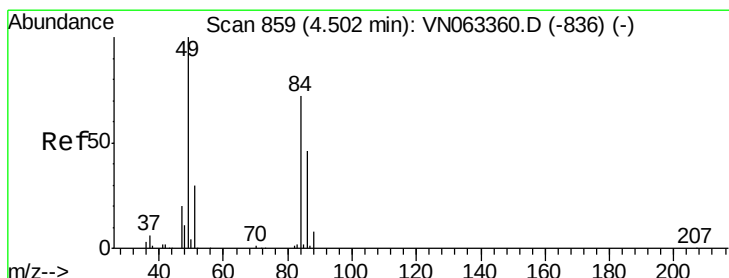
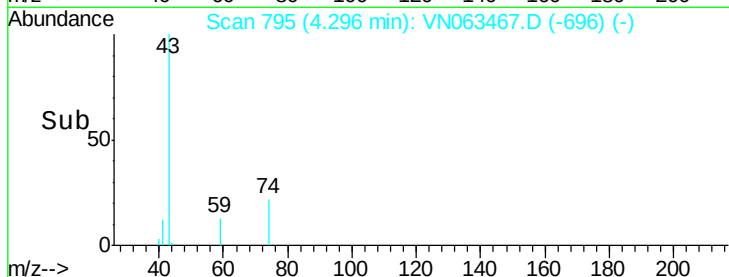
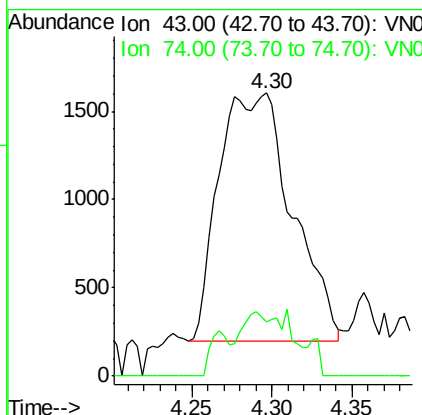
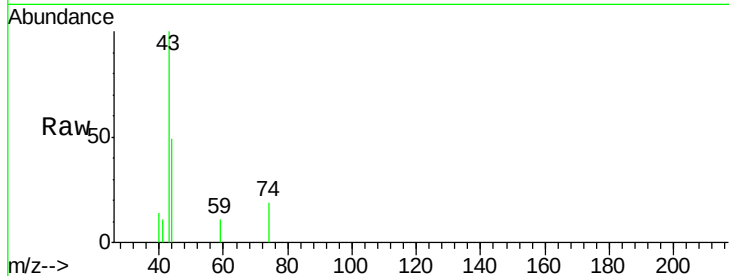
#18
Methvl Acetate
Concen: 1.370 ug/l m
RT: 4.30 min Scan# 795
Delta R.T. 0.02 min
Lab File: VN063467.D
Acq: 18 Sep 2020 19:01

Instrument :
MSVOA_N
ClientSampleId :
TR-05-091720

Tot Ion: 43 Resp: 4440
Ion Ratio Lower Upper
43 100
74 4.5 17.4 26.2#

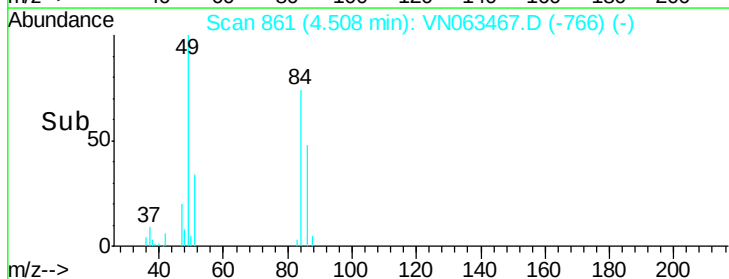
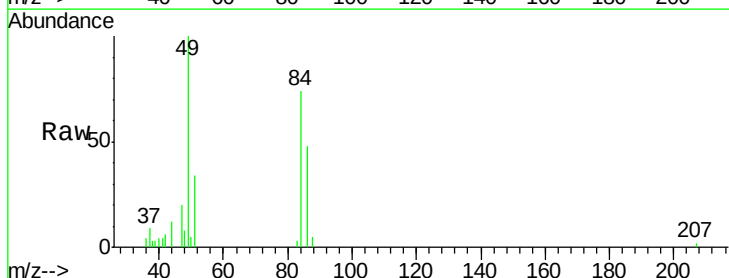
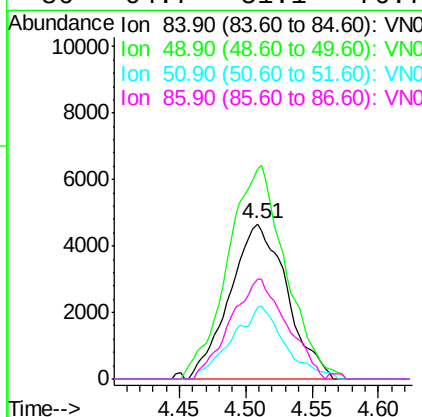
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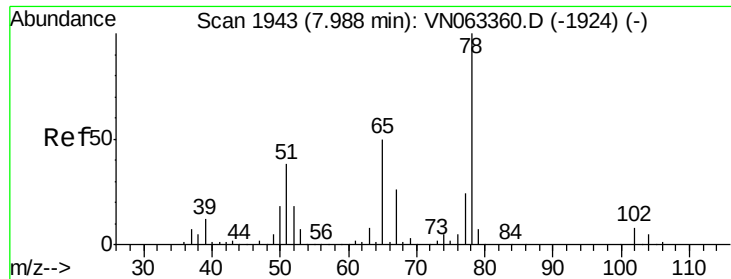
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#20
Methylene Chloride
Concen: 4.329 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063467.D
Acq: 18 Sep 2020 19:01

Tgt Ion: 84 Resp: 13998
Ion Ratio Lower Upper
84 100
49 130.9 110.7 166.1
51 46.0 32.9 49.3
86 64.7 51.1 76.7





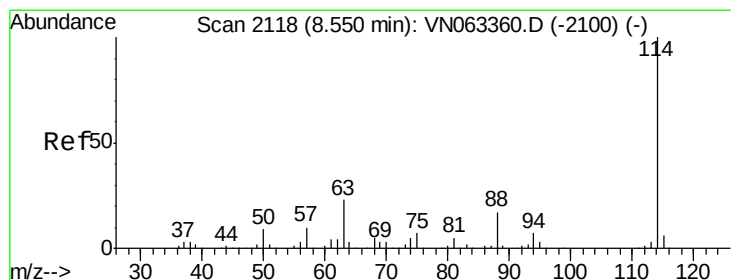
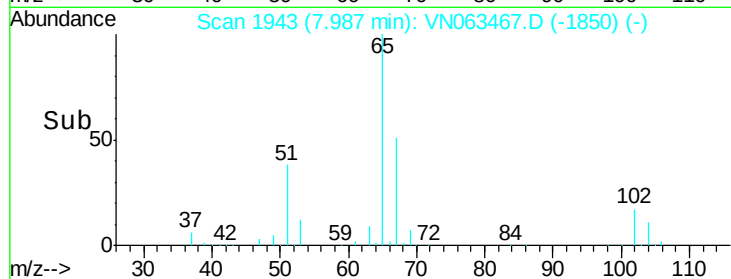
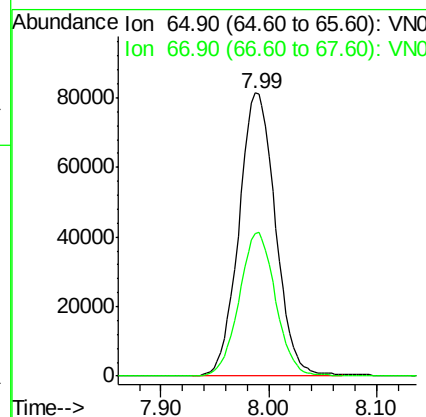
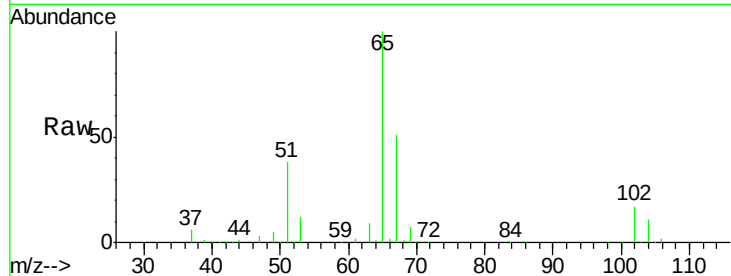
#33
 1,2-Dichloroethane-d4
 Concen: 48.342 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063467.D
 Acq: 18 Sep 2020 19:01

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-091720

Tot Ion	Ratio	Resp	Lower	Upper
65	100	191979		
67	50.8	0.0	104.2	

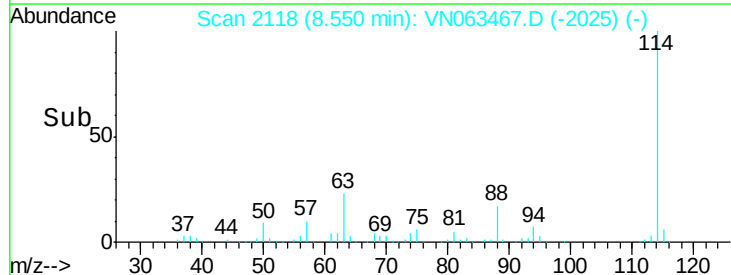
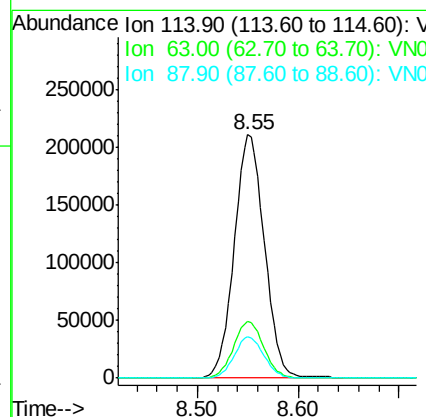
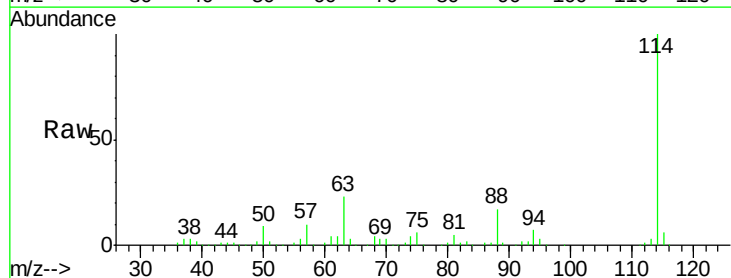
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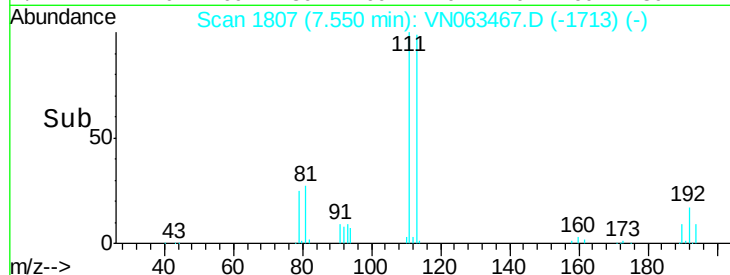
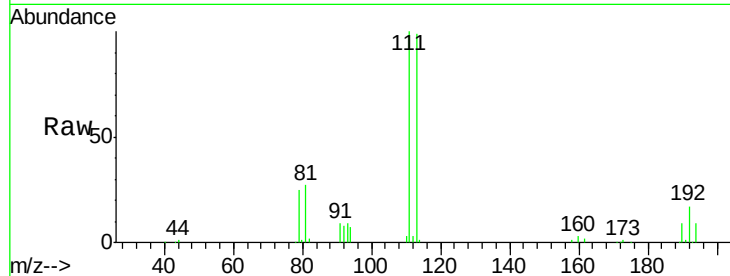
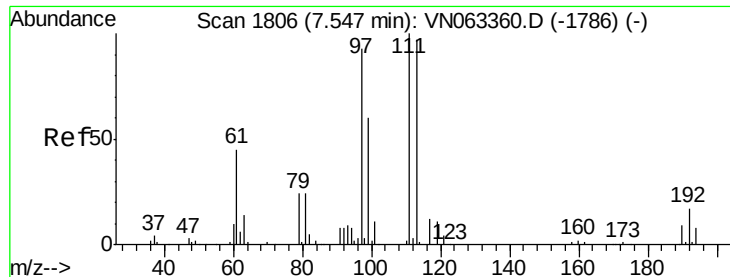
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063467.D
 Acq: 18 Sep 2020 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	438565		
63	23.1	0.0	46.4	
88	17.0	0.0	33.2	





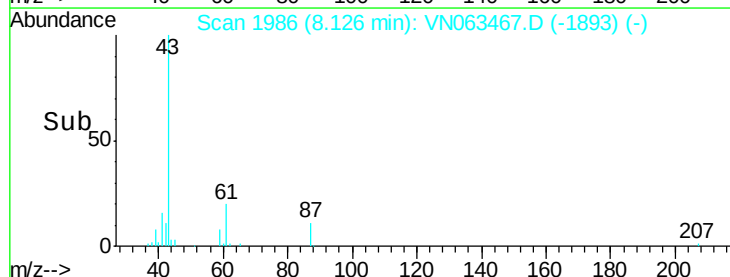
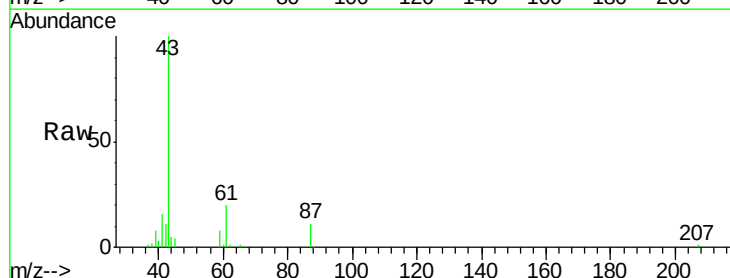
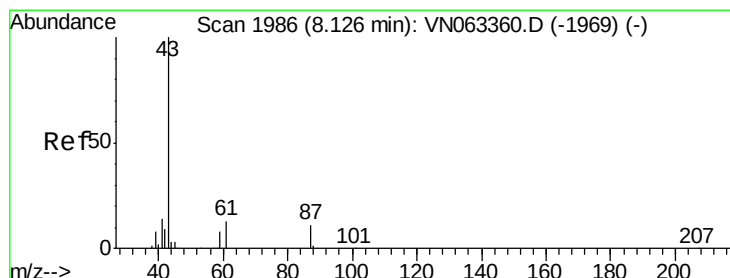
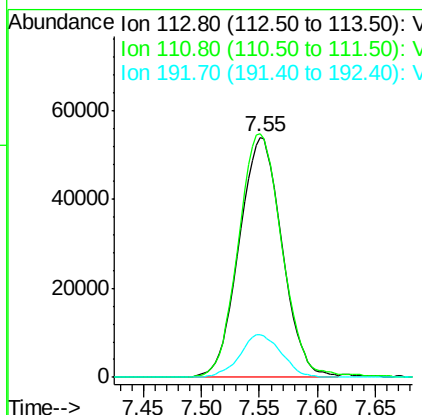
#35
Dibromofluoromethane
Concen: 45.775 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063467.D
Acq: 18 Sep 2020 19:01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.5	82.9	124.3	
192	17.3	13.9	20.9	

Instrument :
MSVOA_N
ClientSampleId :
TR-05-091720

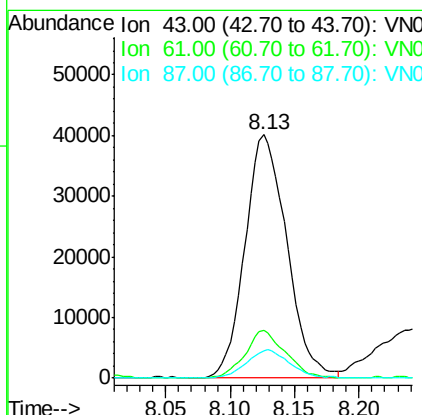
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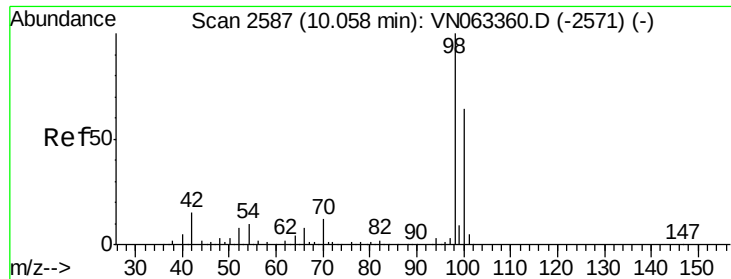
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#43
Isopropyl Acetate
Concen: 11.102 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063467.D
Acq: 18 Sep 2020 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	18.8	14.2	21.2	
87	11.8	9.0	13.6	





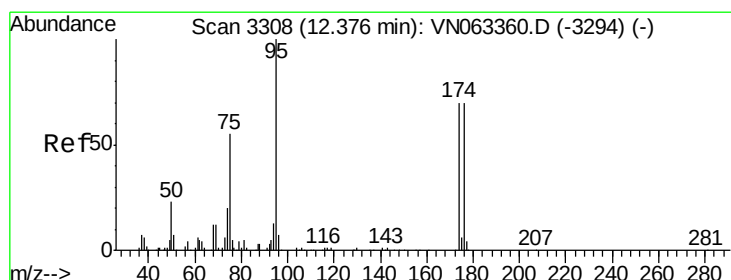
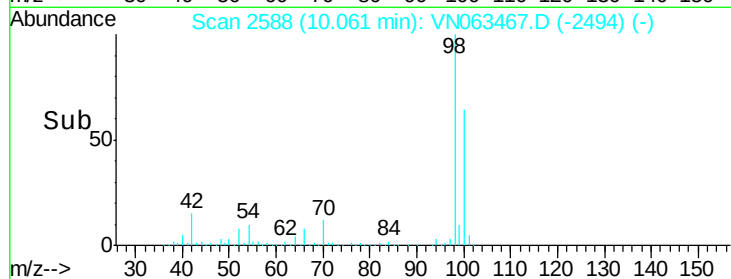
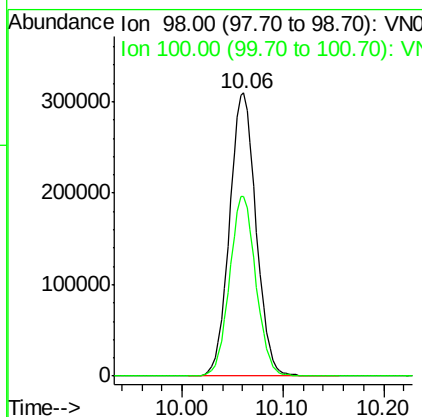
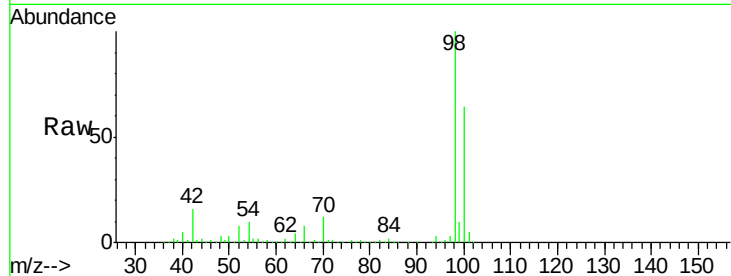
#50
Toluene-d8
Concen: 49.676 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063467.D
Acq: 18 Sep 2020 19:01

Instrument :
MSVOA_N
ClientSampleId :
TR-05-091720

Tot Ion: 98 Resp: 567118
Ion Ratio Lower Upper
98 100
100 63.0 50.7 76.1

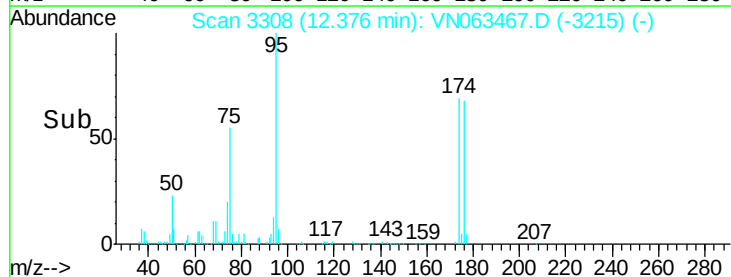
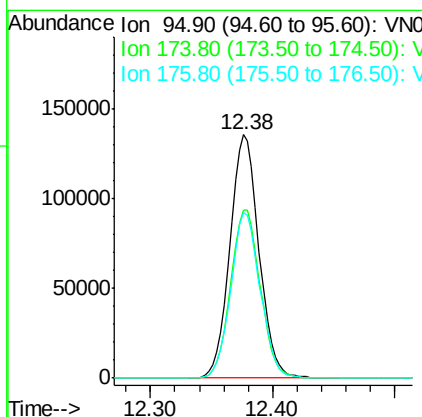
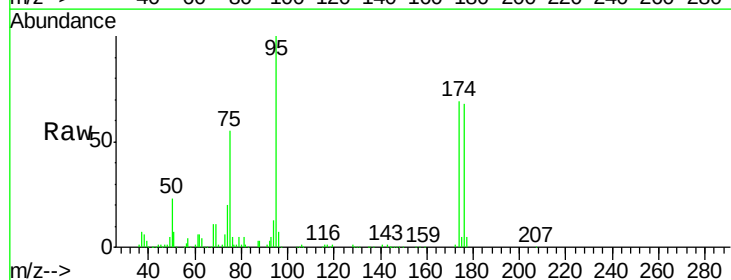
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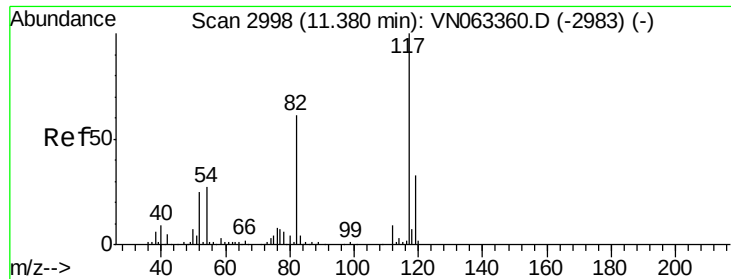
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#62
4-Bromofluorobenzene
Concen: 54.005 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063467.D
Acq: 18 Sep 2020 19:01

Tgt Ion: 95 Resp: 226009
Ion Ratio Lower Upper
95 100
174 70.4 0.0 140.8
176 68.6 0.0 137.6





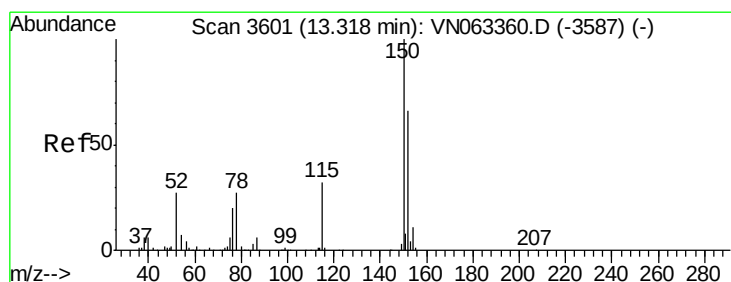
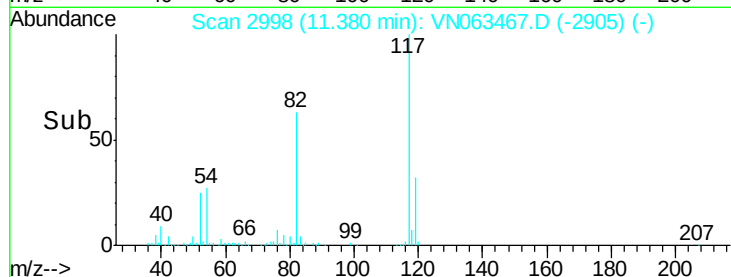
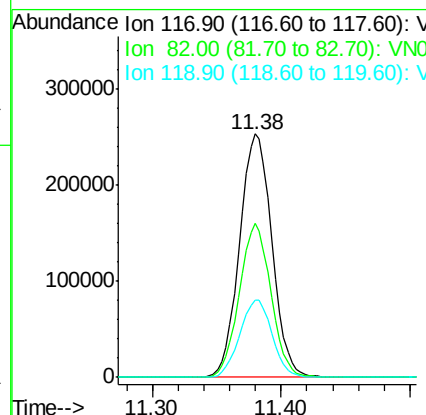
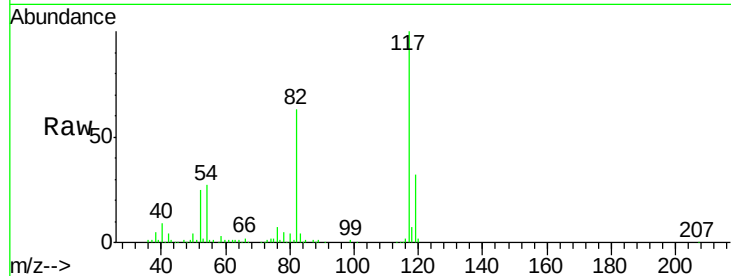
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063467.D
Acq: 18 Sep 2020 19:01

Instrument :
MSVOA_N
ClientSampleId :
TR-05-091720

Tot Ion	Ratio	Resp	Lower	Upper
117	100	442438		
82	63.0	49.2	73.8	
119	31.8	26.2	39.4	

Manual Integrations
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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: VN063467.D
Acq: 18 Sep 2020 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	190915		
115	64.3	32.2	96.6	
150	156.6	0.0	343.4	

