

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110520\
 Data File : VN064467.D
 Acq On : 5 Nov 2020 17:42
 Operator : JC/MD
 Sample : L4625-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CONTAINER-001-2A

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 8:51:00 AM

Quant Time: Nov 06 03:37:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	257632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	531626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	569254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	212106	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	248184	55.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.62%	
35) Dibromofluoromethane	7.55	113	178193	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	10.06	98	699475	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.38	95	275349	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
Target Compounds						
16) Acetone	3.78	43	23054	13.487	ug/l	93
18) Methyl Acetate	4.29	43	6220	1.851	ug/l #	87
20) Methylene Chloride	4.50	84	8781m	2.589	ug/l	
43) Isopropyl Acetate	8.13	43	104298	11.459	ug/l	99

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

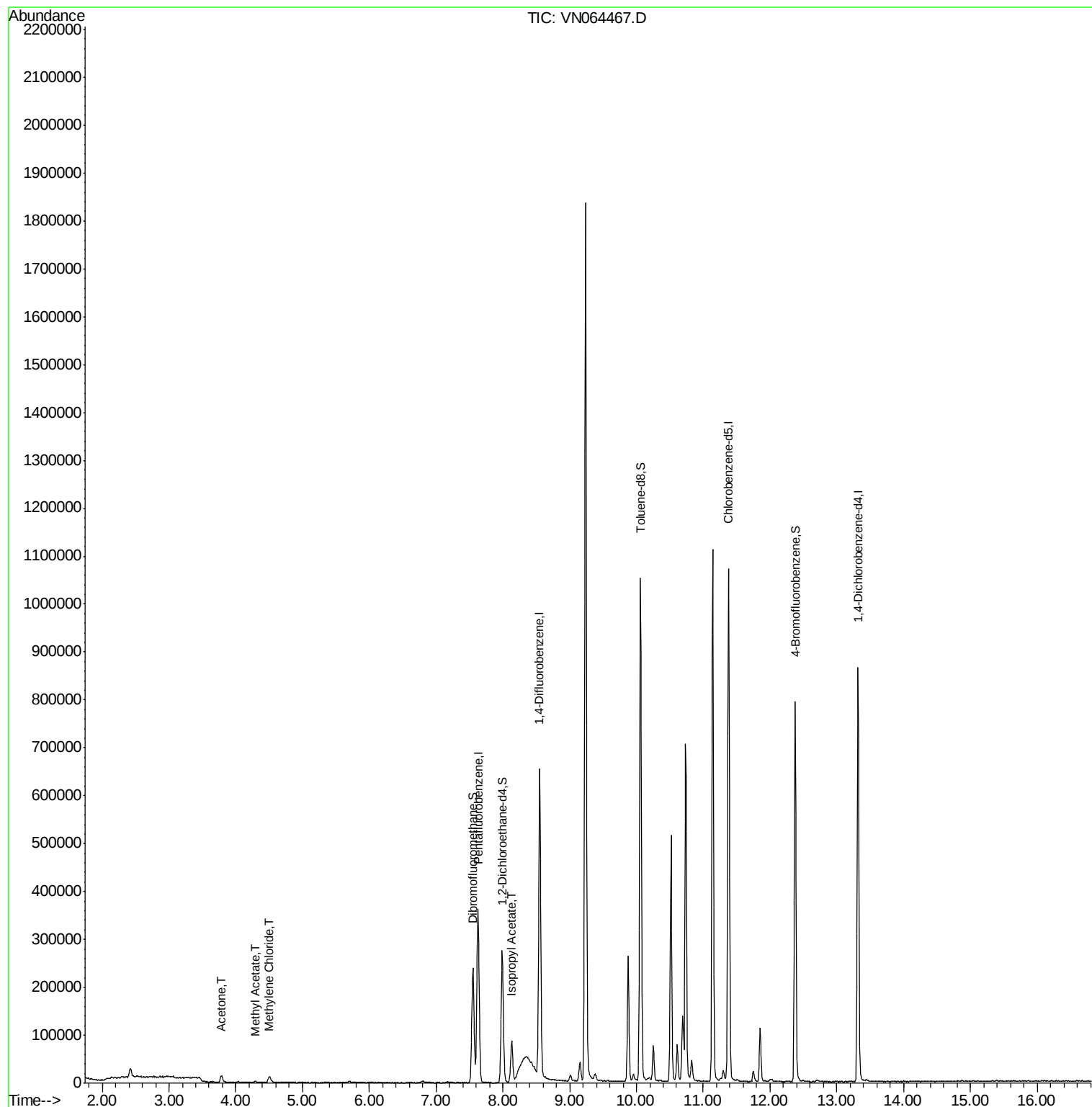
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110520\
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064467.D

Acq: 5 Nov 2020 17:42

Instrument :

MSVOA_N

ClientSampleId :

CONTAINER-001-2A

Tot Ion:168 Resp: 257632

Ion Ratio Lower Upper

168 100

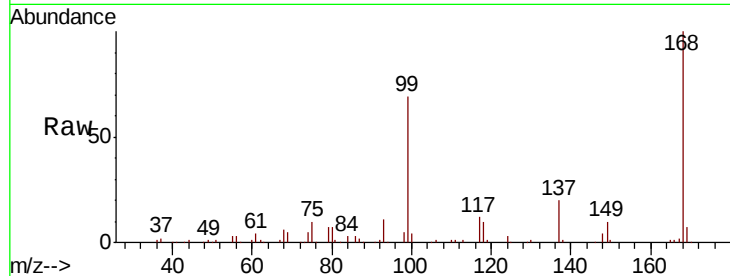
99 68.9 53.4 80.2

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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

120000

100000

80000

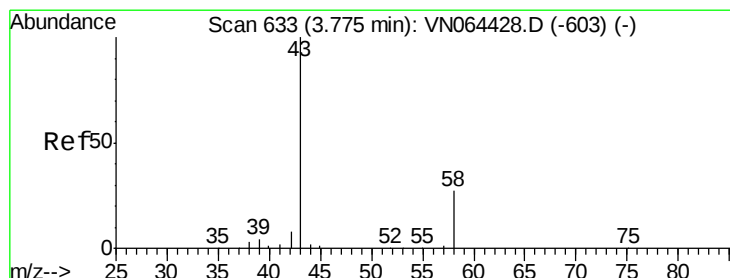
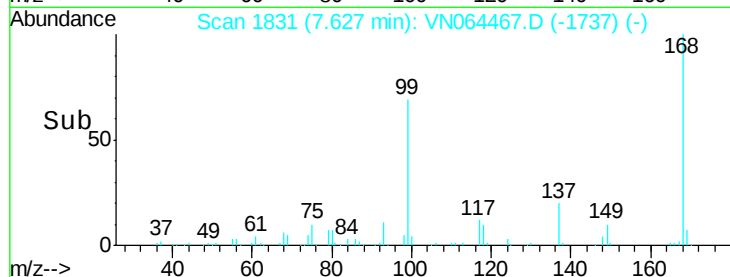
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 13.487 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064467.D

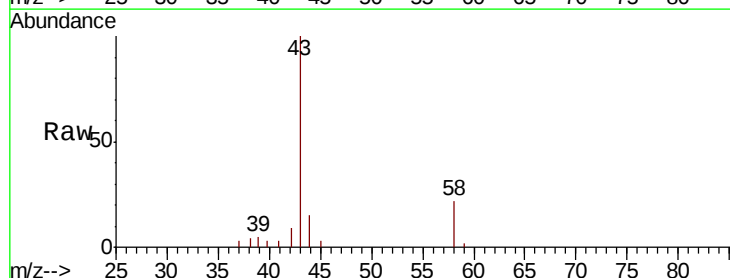
Acq: 5 Nov 2020 17:42

Tgt Ion: 43 Resp: 23054

Ion Ratio Lower Upper

43 100

58 22.9 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

10000

8000

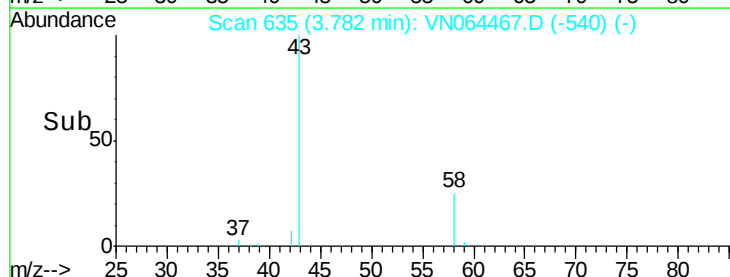
6000

4000

2000

0

Time--> 3.70 3.75 3.80 3.85





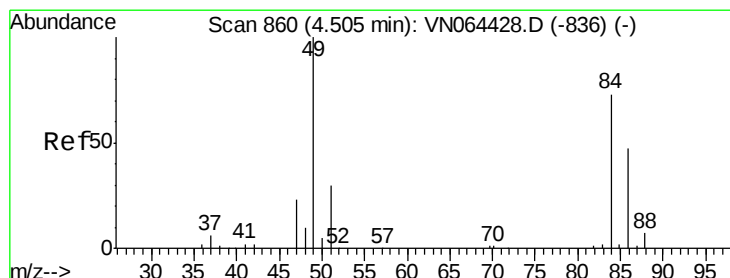
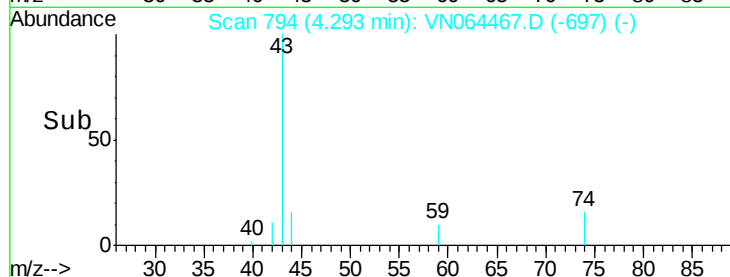
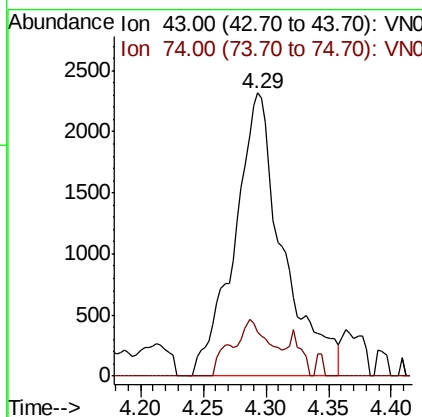
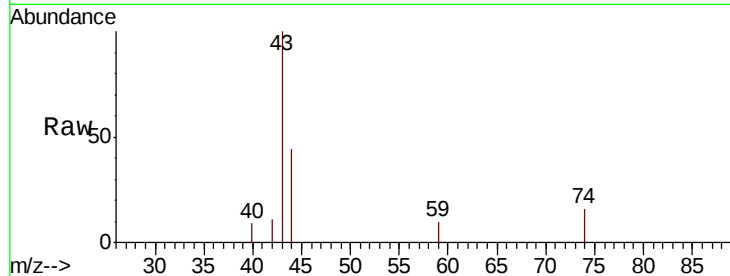
#18
Methyl Acetate
Concen: 1.851 ug/l
RT: 4.29 min Scan# 794
Delta R.T. 0.01 min
Lab File: VN064467.D
Acq: 5 Nov 2020 17:42

Instrument :
MSVOA_N
ClientSampleId :
CONTAINER-001-2A

Tot Ion: 43 Resp: 6220
Ion Ratio Lower Upper
43 100
74 15.2 17.0 25.4#

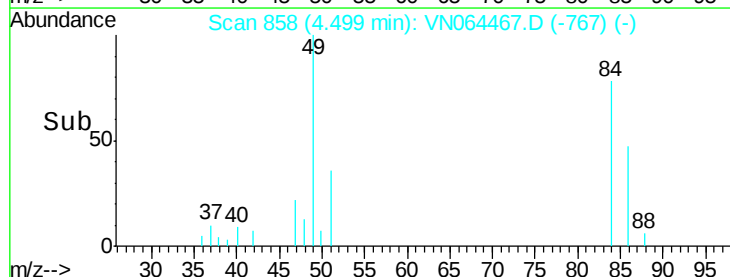
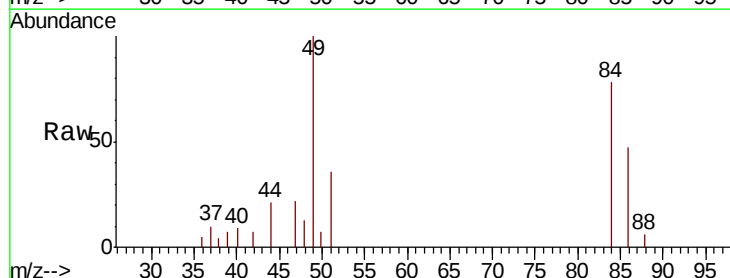
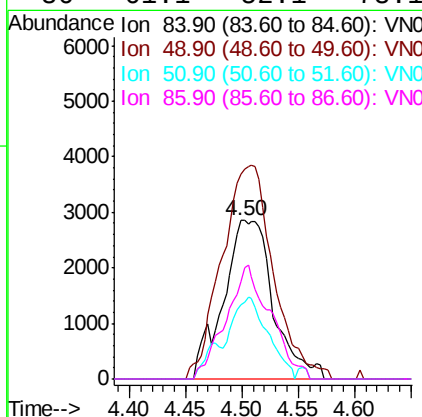
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#20
Methylene Chloride
Concen: 2.589 ug/l m
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064467.D
Acq: 5 Nov 2020 17:42

Tgt Ion: 84 Resp: 8781
Ion Ratio Lower Upper
84 100
49 128.9 110.1 165.1
51 46.7 33.6 50.4
86 61.1 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 55.305 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064467.D

Acq: 5 Nov 2020 17:42

Instrument :

MSVOA_N

ClientSampleId :

CONTAINER-001-2A

Tot Ion: 65 Resp: 248184

Ion Ratio Lower Upper

65 100

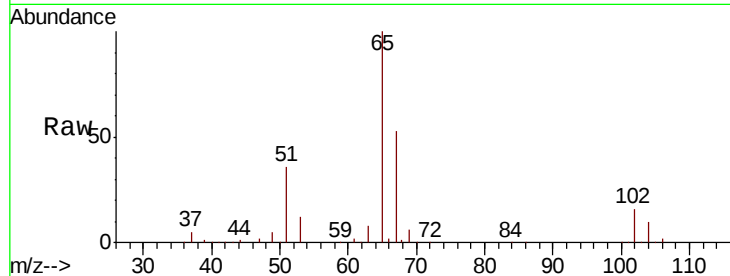
67 49.9 0.0 101.6

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Abundance Ion 64.90 (64.60 to 65.60): VN064428.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN064428.D (-1923) (-)

7.99

120000

100000

80000

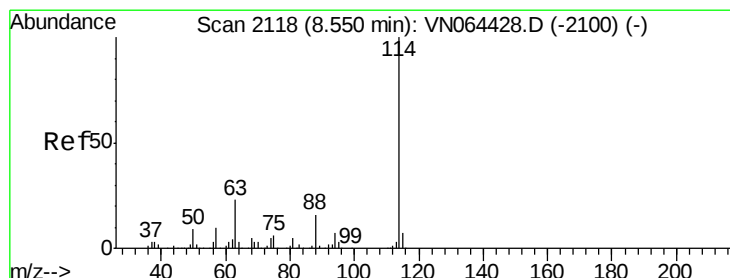
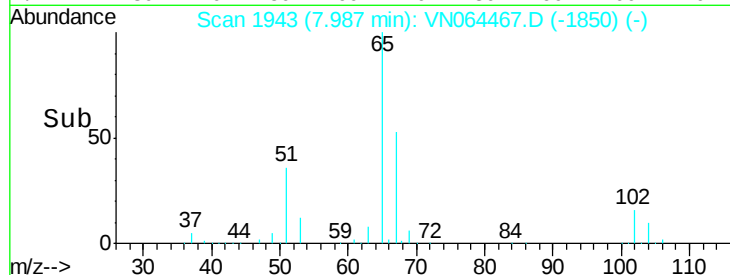
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064467.D

Acq: 5 Nov 2020 17:42

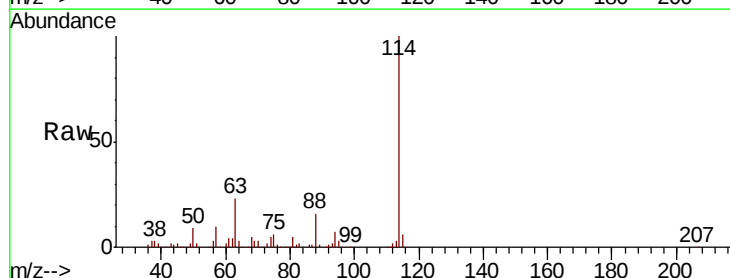
Tgt Ion: 114 Resp: 531626

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.6

88 16.2 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VN064428.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN064428.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN064428.D (-2100) (-)

8.55

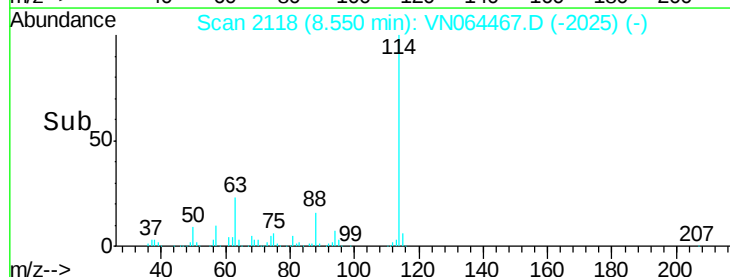
300000

200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 49.229 ug/l

RT: 7.55 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VN064467.D

Acq: 5 Nov 2020 17:42

Instrument :

MSVOA_N

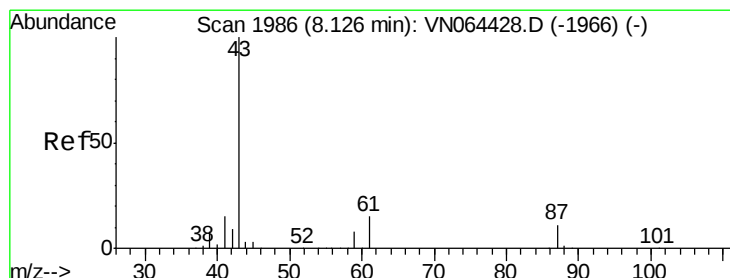
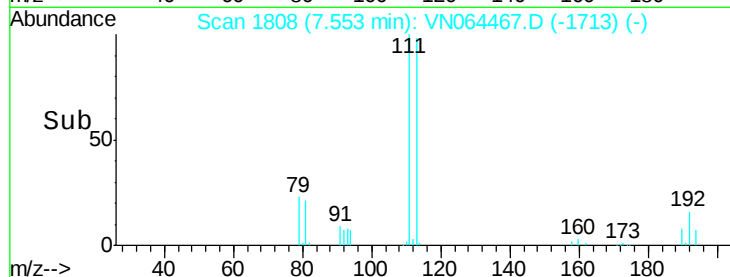
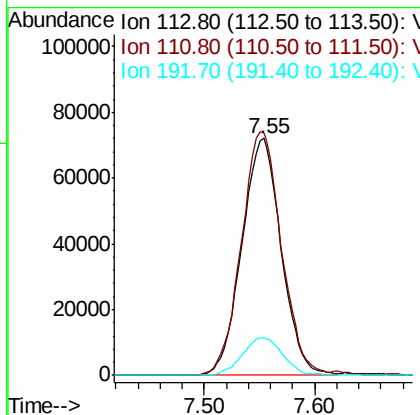
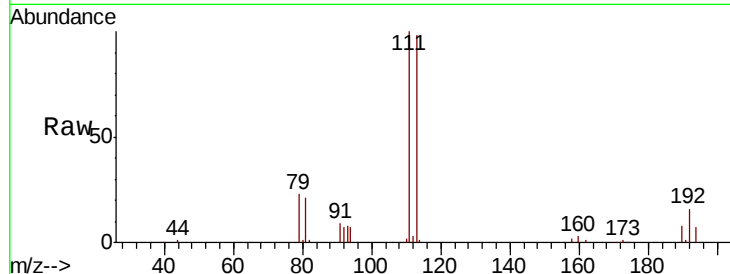
ClientSampleId :

CONTAINER-001-2A

Tot Ion:	113	Resp:	178193
Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.1	121.7
192	16.3	12.8	19.2

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#43

Isopropyl Acetate

Concen: 11.459 ug/l

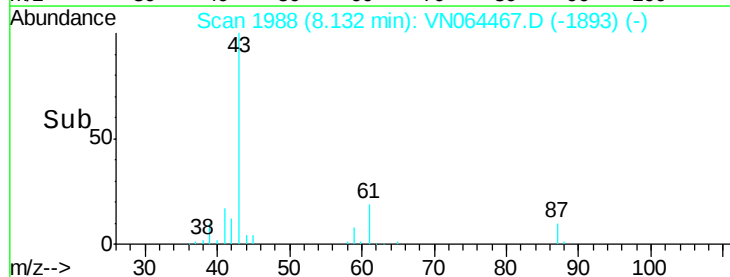
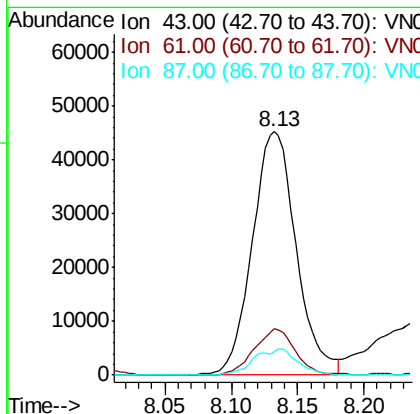
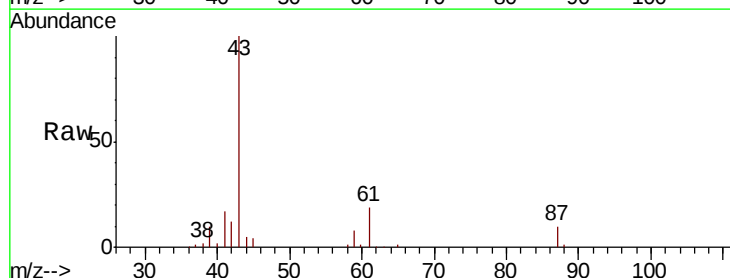
RT: 8.13 min Scan# 1988

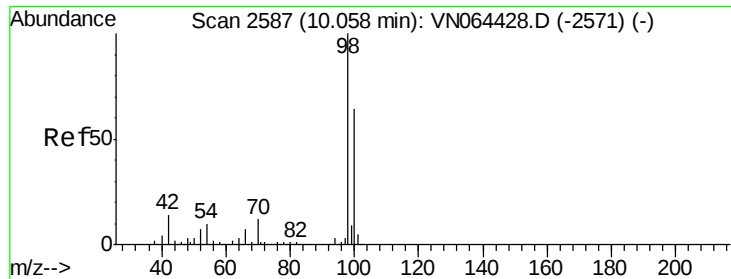
Delta R.T. 0.01 min

Lab File: VN064467.D

Acq: 5 Nov 2020 17:42

Tgt Ion:	43	Resp:	104298
Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.0	21.0
87	10.8	9.1	13.7





#50

Toluene-d8

Concen: 49.998 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064467.D

Acq: 5 Nov 2020 17:42

Instrument :

MSVOA_N

ClientSampleId :

CONTAINER-001-2A

Tot Ion: 98 Resp: 699475

Ion Ratio Lower Upper

98 100

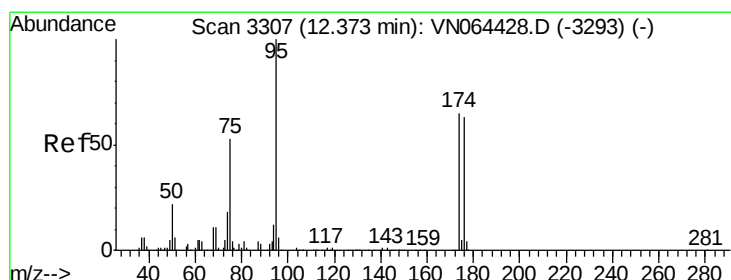
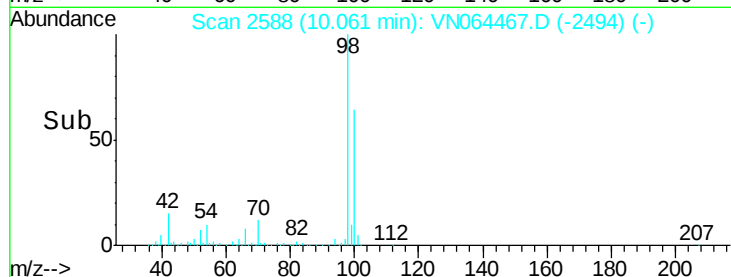
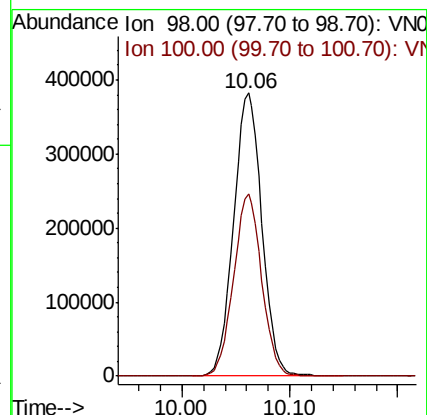
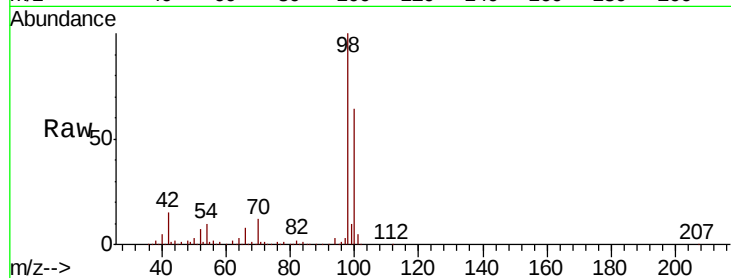
100 63.9 50.7 76.1

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#62

4-Bromofluorobenzene

Concen: 52.043 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064467.D

Acq: 5 Nov 2020 17:42

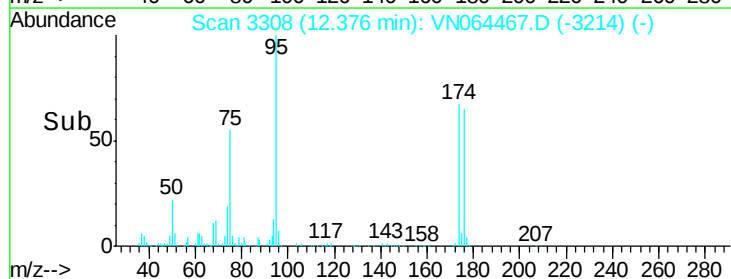
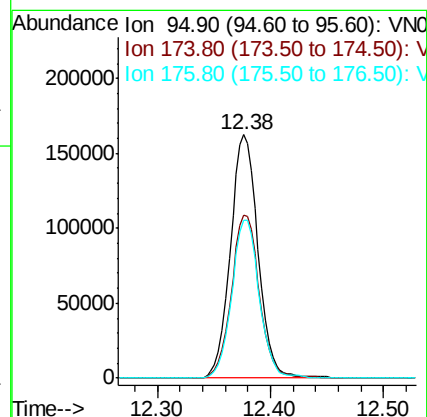
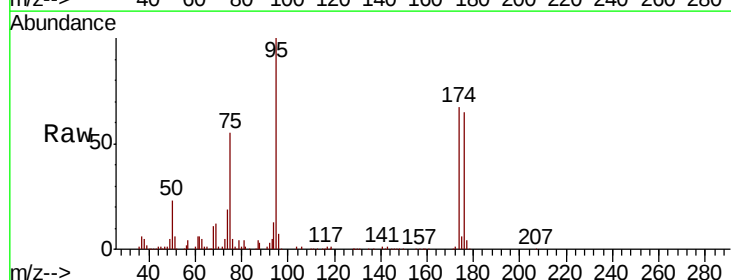
Tgt Ion: 95 Resp: 275349

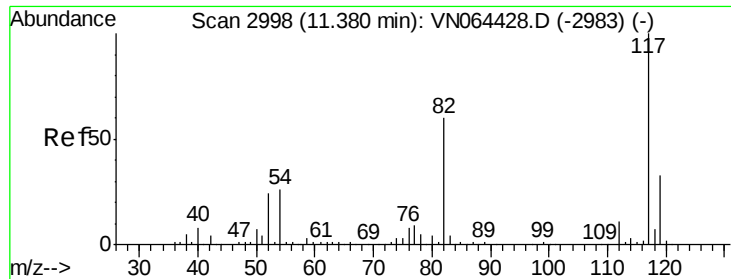
Ion Ratio Lower Upper

95 100

174 68.0 0.0 132.6

176 65.0 0.0 129.2





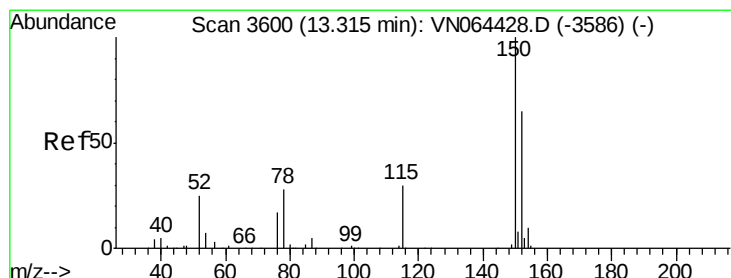
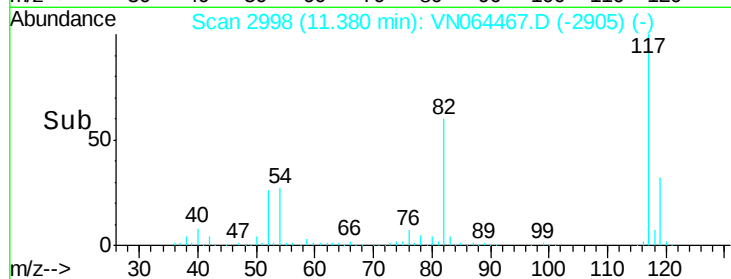
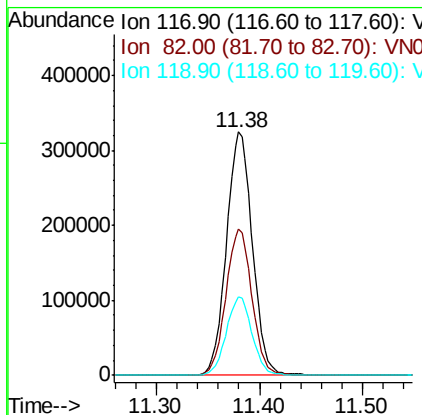
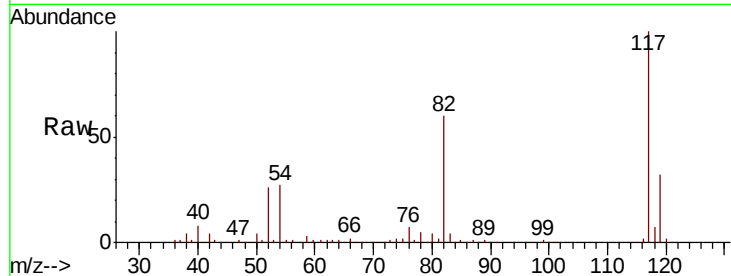
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064467.D
Acq: 5 Nov 2020 17:42

Instrument :
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Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	48.1	72.1
119	32.1	26.2	39.4

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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: VN064467.D
Acq: 5 Nov 2020 17:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.0	32.0	96.0
150	159.7	0.0	353.8

