

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101620\
 Data File : VN064184.D
 Acq On : 16 Oct 2020 23:04
 Operator : JC/MD
 Sample : L4223-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-101420

Manual Integrations
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Quant Time: Oct 17 03:05:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	295237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	628452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	644332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	229917	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	267592	63.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.28%	
35) Dibromofluoromethane	7.55	113	207315	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	10.06	98	804155	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	12.38	95	263412	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
Target Compounds						
16) Acetone	3.78	43	44851	35.961	ug/l	97
18) Methyl Acetate	4.28	43	6527m	2.086	ug/l	
20) Methylene Chloride	4.50	84	10865	2.815	ug/l	95
43) Isopropyl Acetate	8.13	43	88793	9.954	ug/l #	90

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

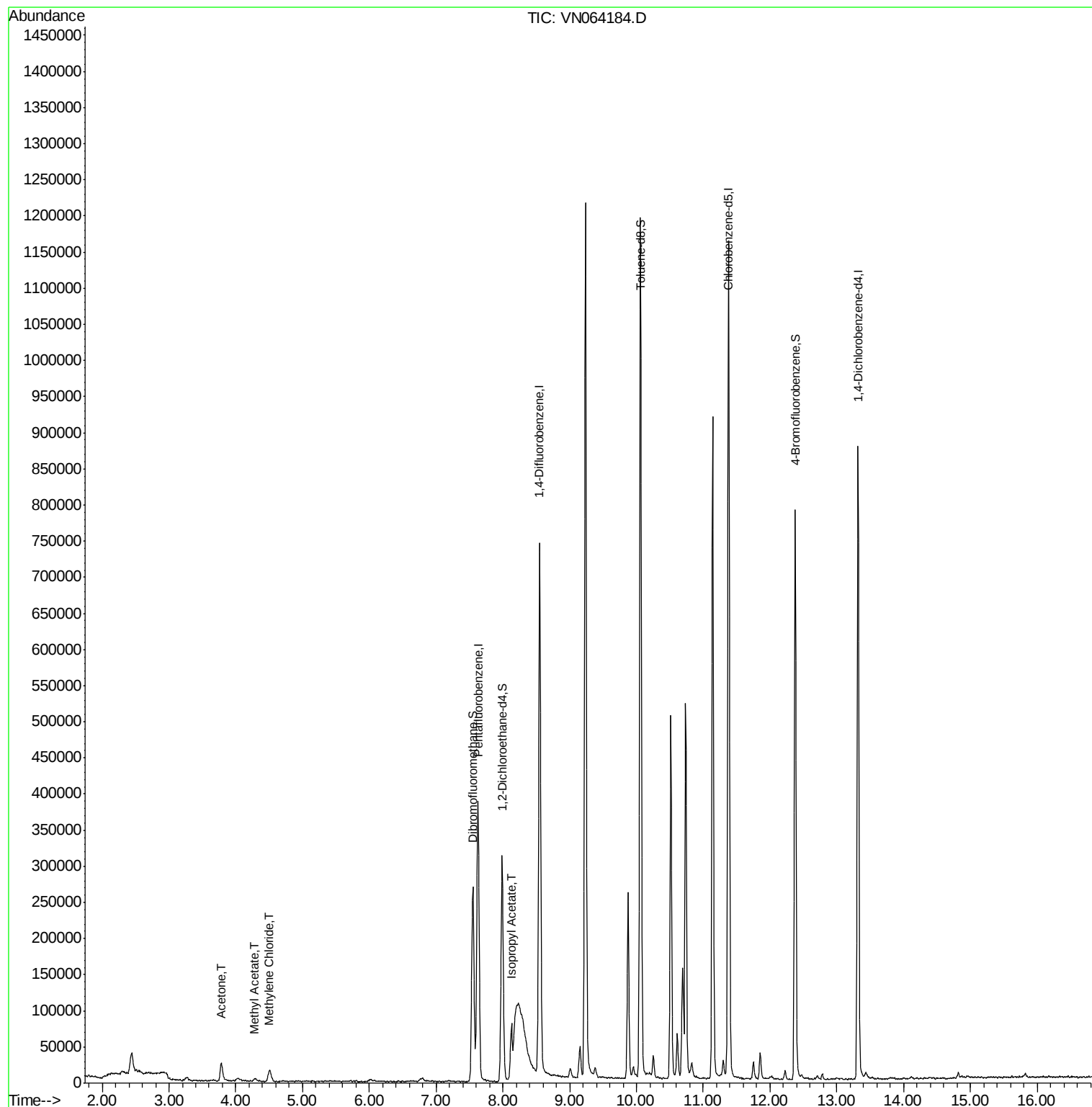
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101620\
Data File : VN064184.D
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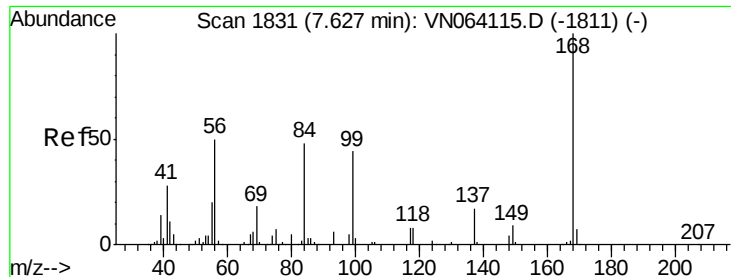
Instrument :
MSVOA_N
ClientSampleId :
PL-01-101420

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Quant Time: Oct 17 03:05:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 15 01:16:44 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: VN064184.D

Acq: 16 Oct 2020 23:04

Instrument :

MSVOA_N

ClientSampleId :

PL-01-101420

Tot Ion:168 Resp: 295237

Ion Ratio Lower Upper

168 100

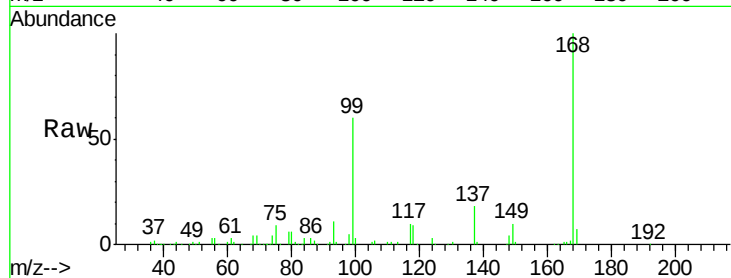
99 60.3 43.6 65.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

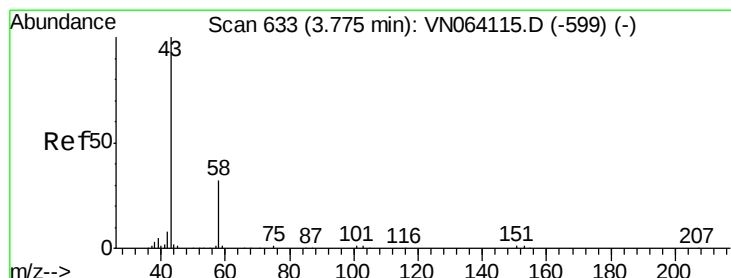
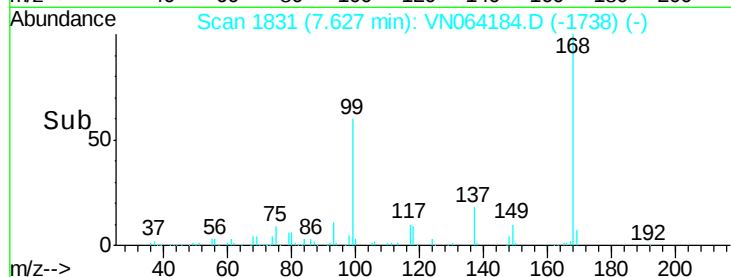
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 35.961 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064184.D

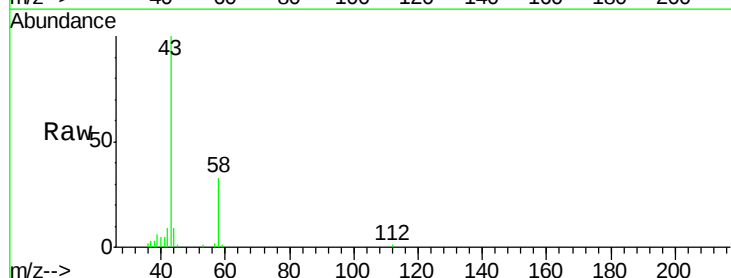
Acq: 16 Oct 2020 23:04

Tgt Ion: 43 Resp: 44851

Ion Ratio Lower Upper

43 100

58 33.3 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

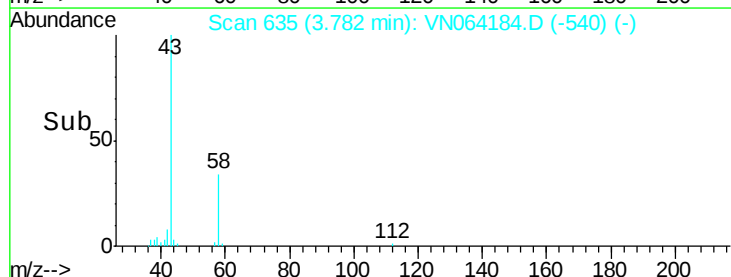
15000

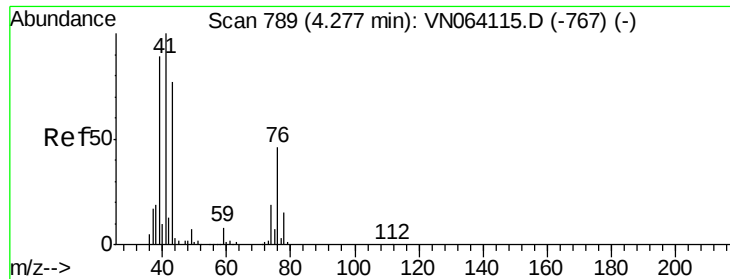
10000

5000

0

Time--> 3.70 3.80 3.90





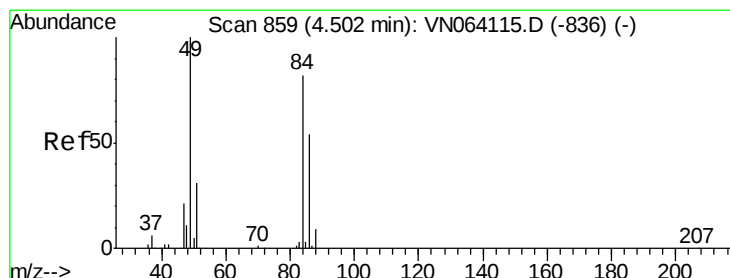
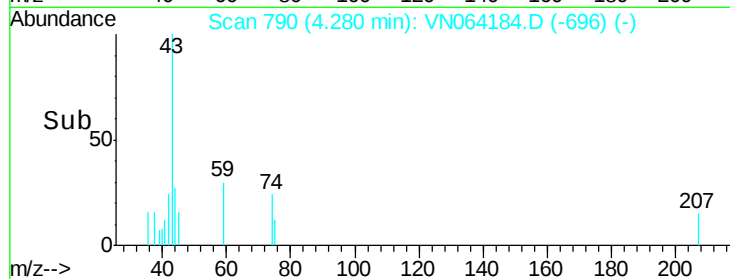
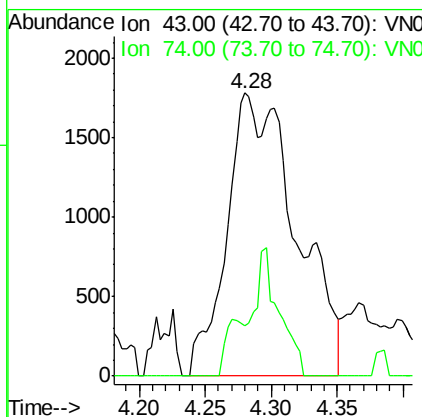
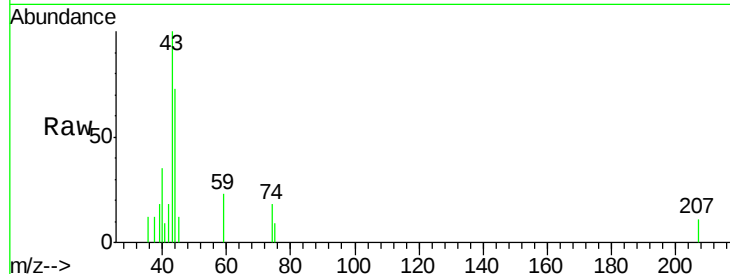
#18
Methyl Acetate
Concen: 2.086 ug/l m
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064184.D
Acq: 16 Oct 2020 23:04

Instrument :
MSVOA_N
ClientSampleId :
PL-01-101420

Tot Ion: 43 Resp: 6527
Ion Ratio Lower Upper
43 100
74 5.6 19.7 29.5#

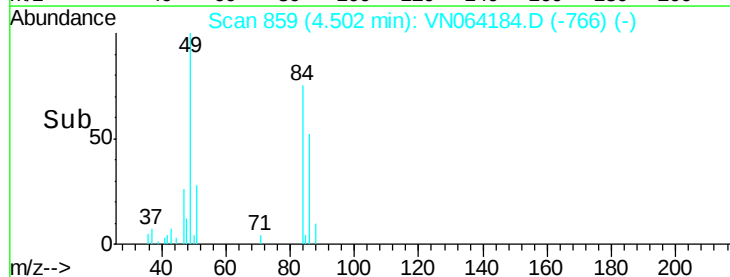
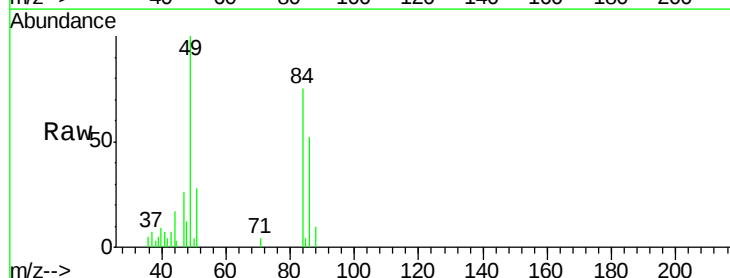
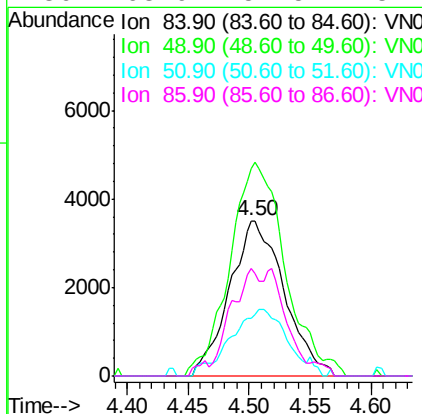
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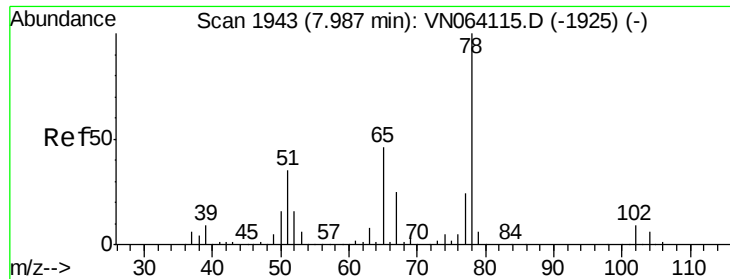
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#20
Methylene Chloride
Concen: 2.815 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064184.D
Acq: 16 Oct 2020 23:04

Tgt Ion: 84 Resp: 10865
Ion Ratio Lower Upper
84 100
49 128.5 97.4 146.0
51 37.2 29.7 44.5
86 68.9 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 63.640 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064184.D

Acq: 16 Oct 2020 23:04

Instrument :

MSVOA_N

ClientSampleId :

PL-01-101420

Tot Ion: 65 Resp: 267592

Ion Ratio Lower Upper

65 100

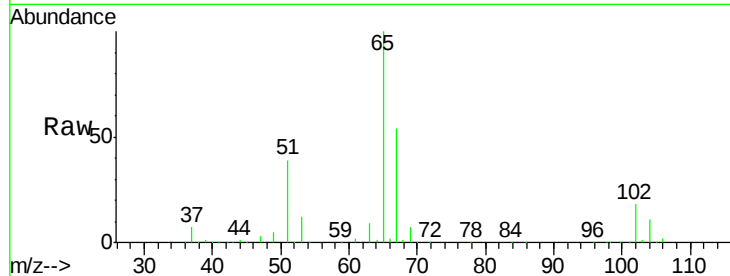
67 52.6 0.0 105.6

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Abundance Ion 64.90 (64.60 to 65.60): VN064115.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN064115.D (-1925) (-)

7.99

120000

100000

80000

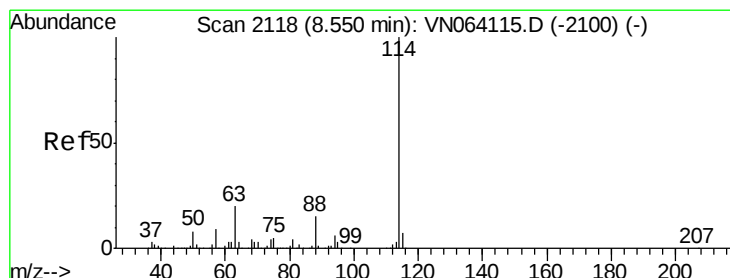
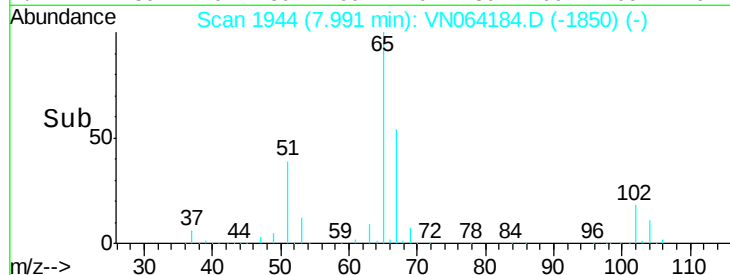
60000

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: VN064184.D

Acq: 16 Oct 2020 23:04

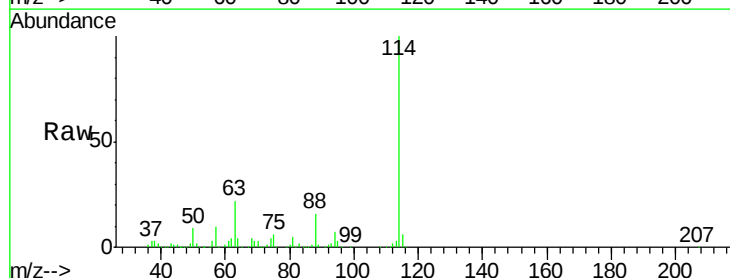
Tgt Ion: 114 Resp: 628452

Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.0

88 16.1 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): VN064115.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN064115.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN064115.D (-2100) (-)

8.55

400000

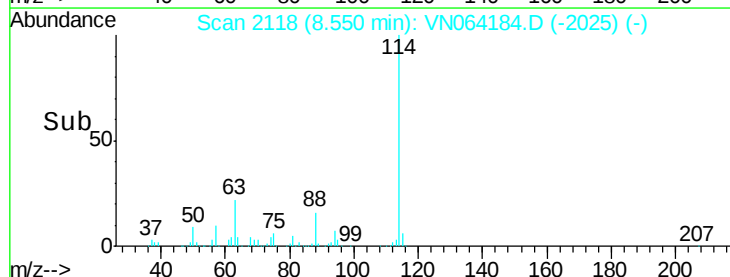
300000

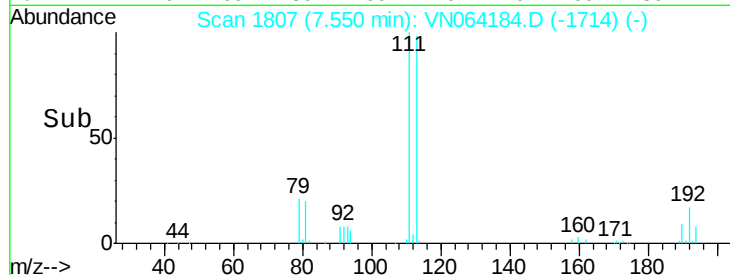
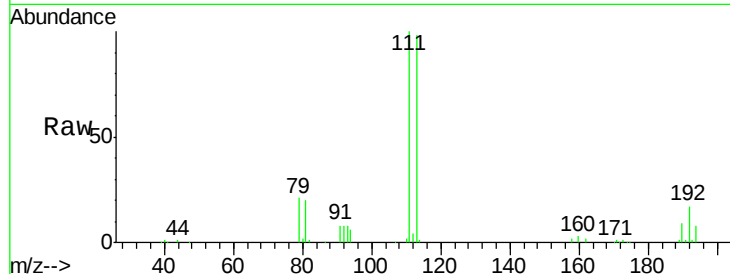
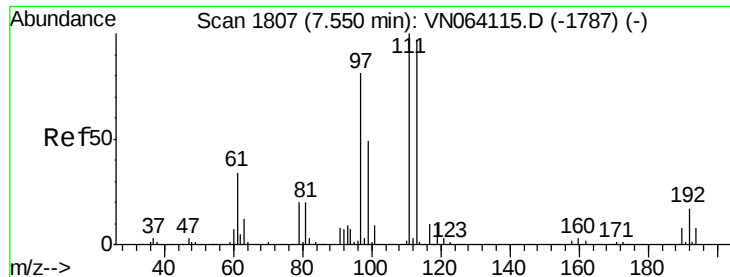
200000

100000

0

Time-->





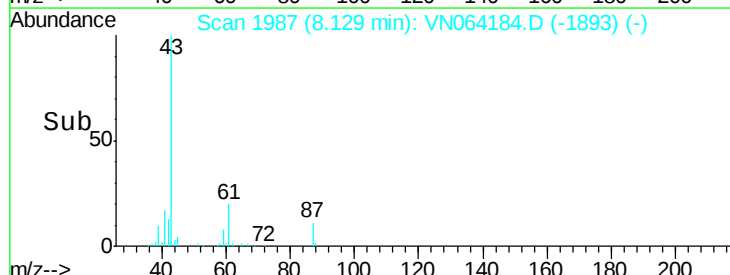
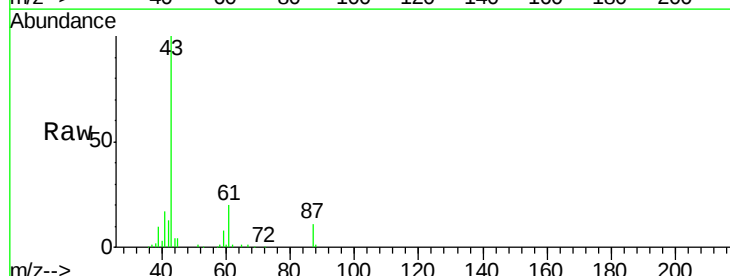
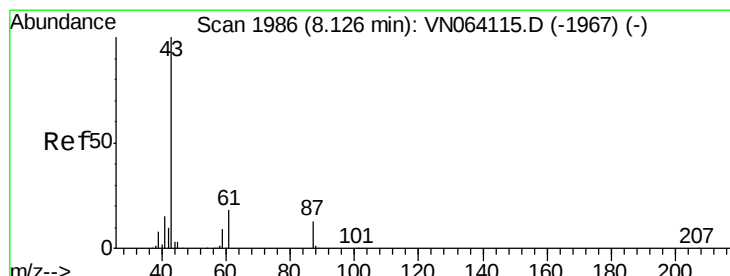
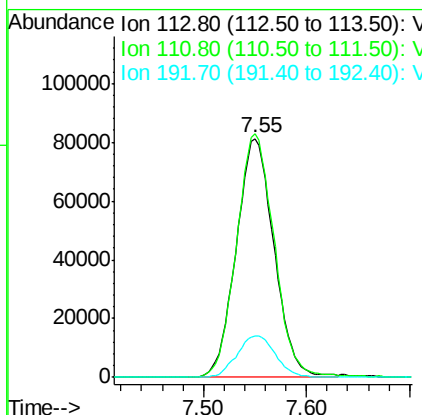
#35
Dibromofluoromethane
Concen: 47.660 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064184.D
Acq: 16 Oct 2020 23:04

Tot Ion	Ratio	Resp	Lower	Upper
113	100	207315		
111	102.0	81.9	122.9	
192	17.6	14.3	21.5	

Instrument :
MSVOA_N
ClientSampleId :
PL-01-101420

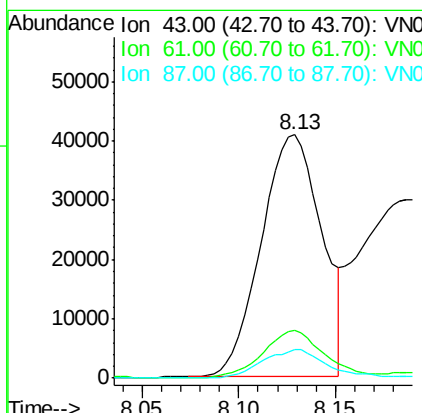
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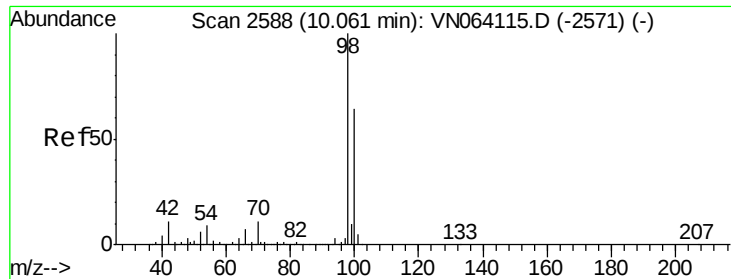
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#43
Isopropyl Acetate
Concen: 9.954 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN064184.D
Acq: 16 Oct 2020 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	88793		
61	20.2	21.9	32.9#	
87	12.4	11.0	16.4	





#50

Toluene-d8

Concen: 48.996 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064184.D

Acq: 16 Oct 2020 23:04

Instrument :

MSVOA_N

ClientSampleId :

PL-01-101420

Tot Ion: 98 Resp: 804155

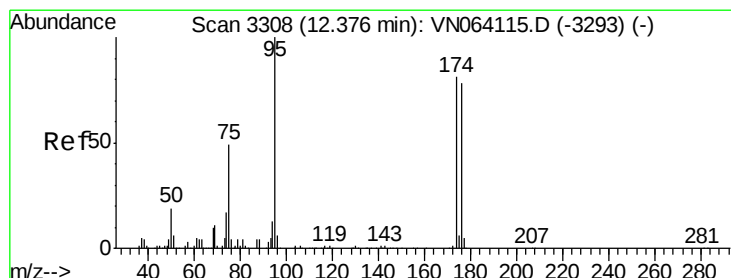
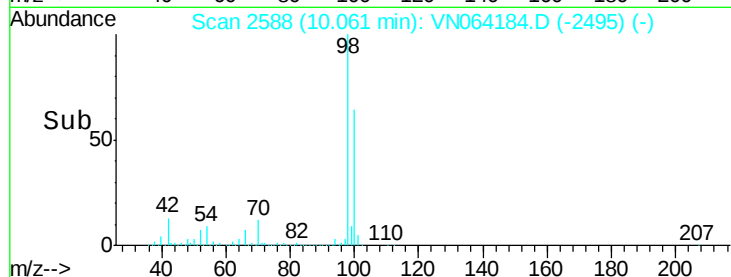
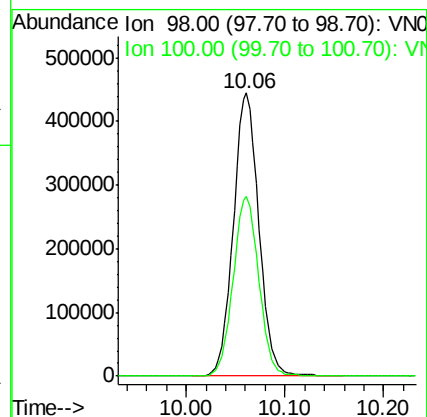
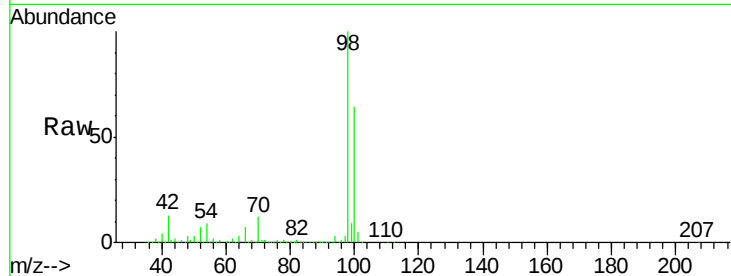
Ion Ratio Lower Upper

98 100

100 63.7 50.8 76.2

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 46.693 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064184.D

Acq: 16 Oct 2020 23:04

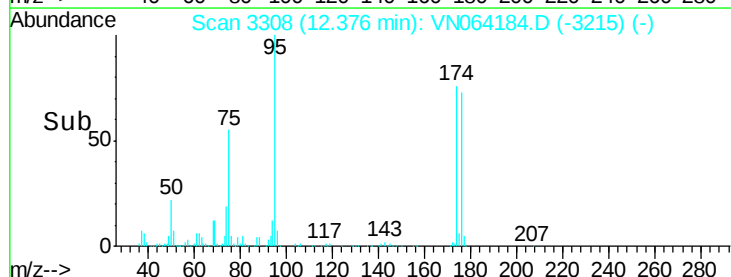
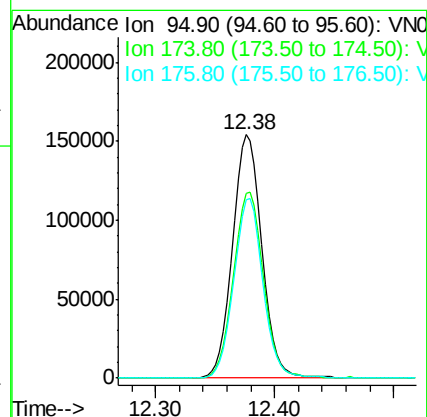
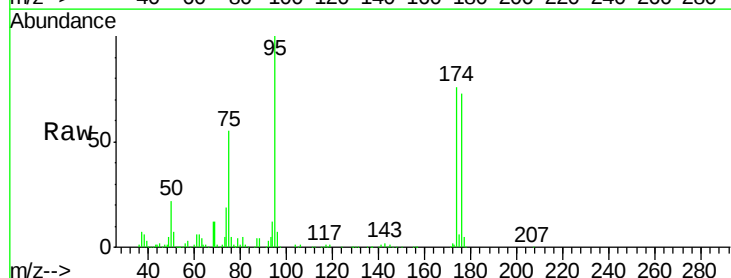
Tgt Ion: 95 Resp: 263412

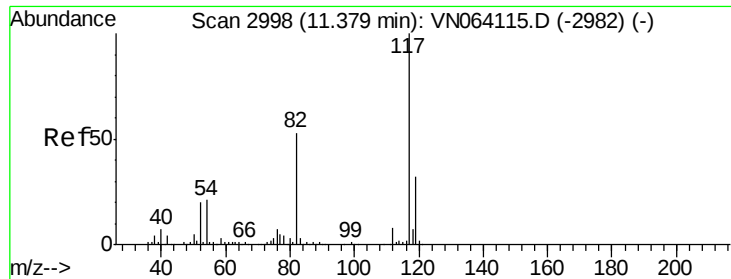
Ion Ratio Lower Upper

95 100

174 78.4 0.0 164.8

176 73.2 0.0 157.8





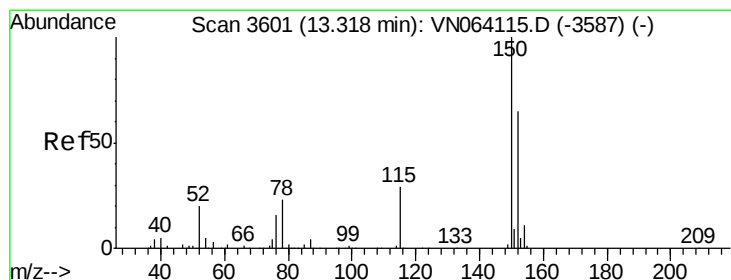
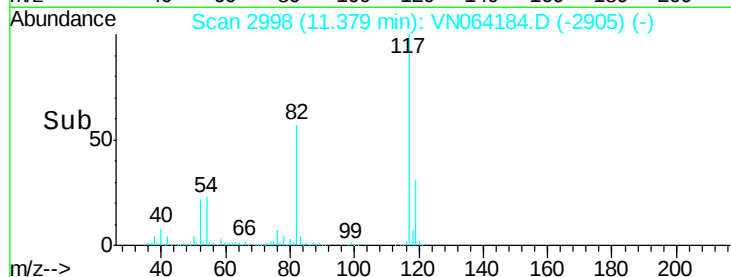
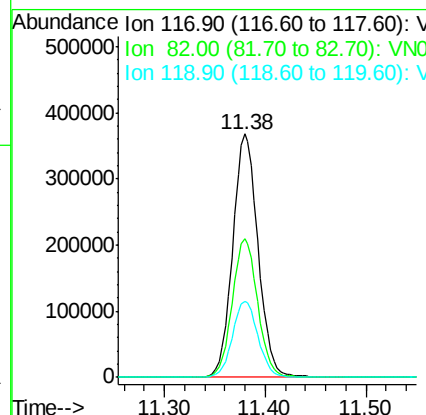
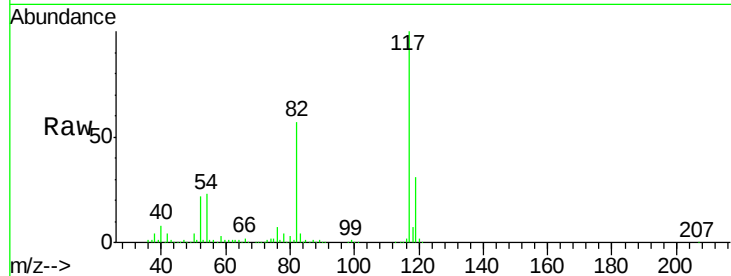
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064184.D
Acq: 16 Oct 2020 23:04

Instrument :
MSVOA_N
ClientSampleId :
PL-01-101420

Tot Ion	Ratio	Resp	Lower	Upper
117	100	644332		
82	57.2	42.6	63.8	
119	31.2	25.5	38.3	

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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: VN064184.D
Acq: 16 Oct 2020 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	229917		
115	59.4	29.3	87.8	
150	157.5	0.0	346.0	

