

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064576.D
 Acq On : 12 Nov 2020 13:10
 Operator : JC/MD
 Sample : L4697-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-S

Manual Integrations
 APPROVED

MMDadoda
 11/13/2020 11:42:20 AM

Quant Time: Nov 13 03:26:58 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	225992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	462549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	517829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183177	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	224102	56.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.86%	
35) Dibromofluoromethane	7.55	113	166032	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
50) Toluene-d8	10.06	98	628218	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.38	95	235306	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
Target Compounds						
16) Acetone	3.79	43	11585	7.726	ug/l #	83
18) Methyl Acetate	4.29	43	4354m	1.477	ug/l	
20) Methylene Chloride	4.51	84	13542	4.552	ug/l	91
43) Isopropyl Acetate	8.13	43	42148	5.322	ug/l #	93

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

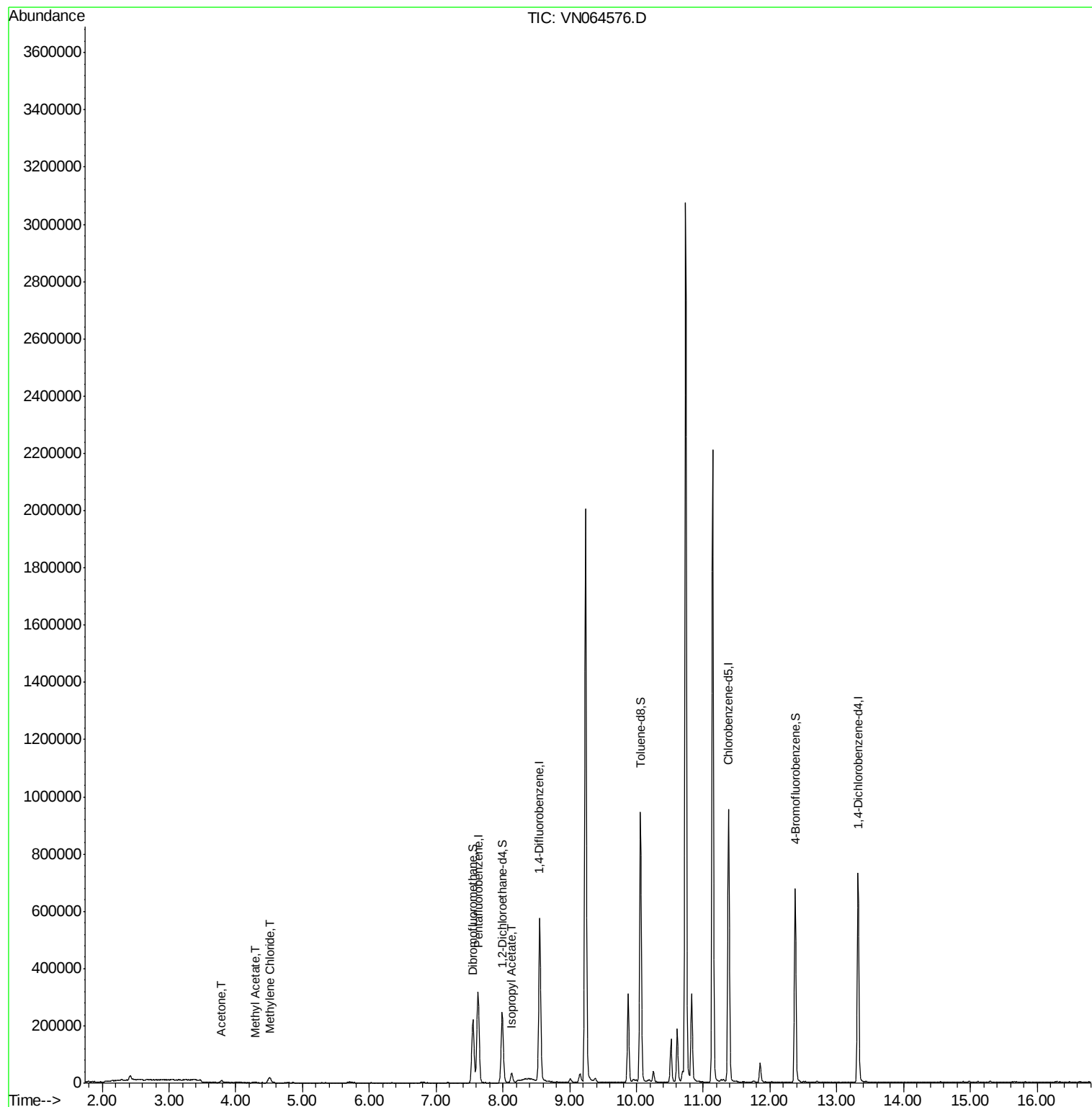
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111220\
Data File : VN064576.D
Acq On : 12 Nov 2020 13:10
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ALS Vial : 7 Sample Multiplier: 1

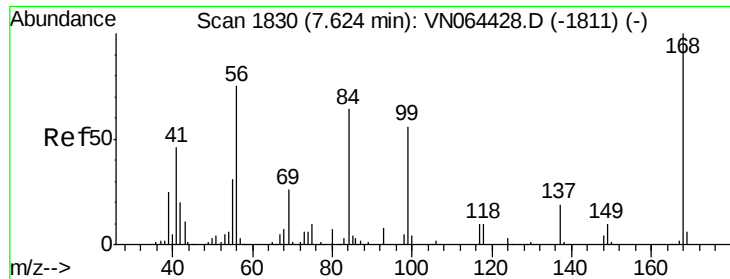
Instrument :
MSVOA_N
ClientSampleId :
TP-2-S

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
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: VN064576.D

Acq: 12 Nov 2020 13:10

Instrument :

MSVOA_N

ClientSampled :

TP-2-S

Tot Ion:168 Resp: 225992

Ion Ratio Lower Upper

168 100

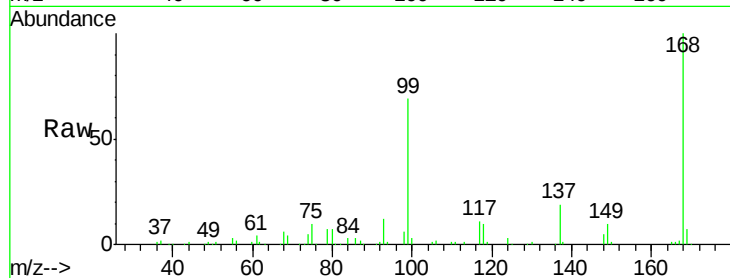
99 69.3 53.4 80.2

Manual Integrations

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11/13/2020 11:42:20 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

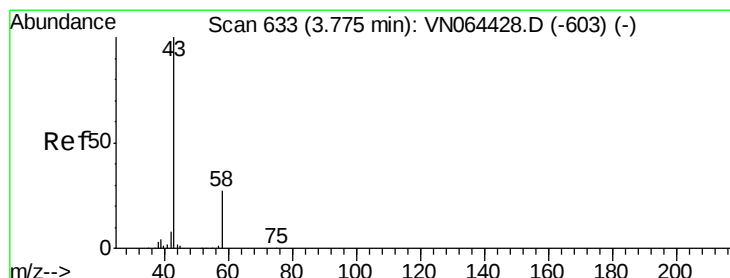
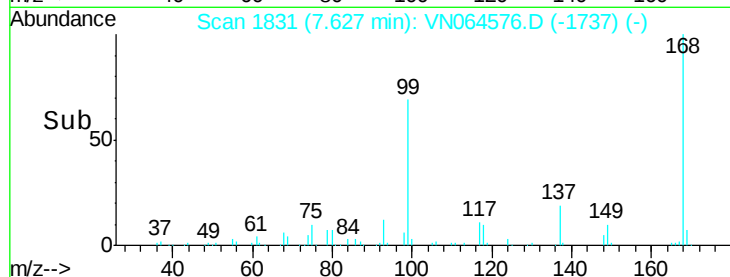
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 7.726 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064576.D

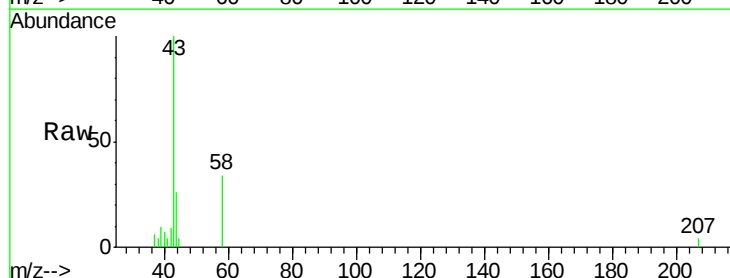
Acq: 12 Nov 2020 13:10

Tgt Ion: 43 Resp: 11585

Ion Ratio Lower Upper

43 100

58 35.5 21.4 32.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

5000

4000

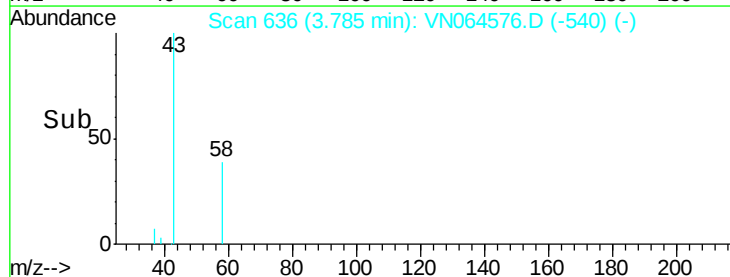
3000

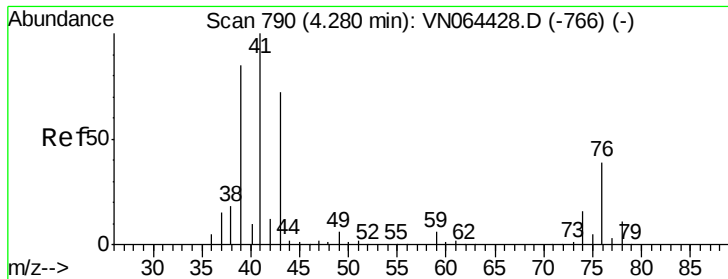
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





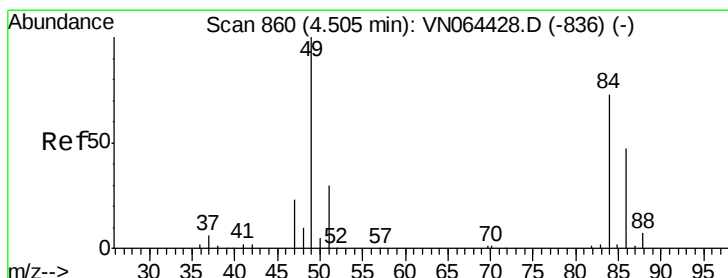
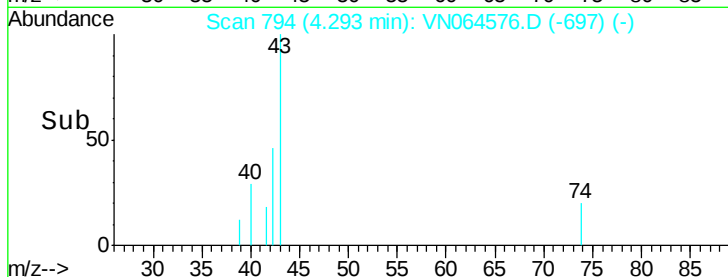
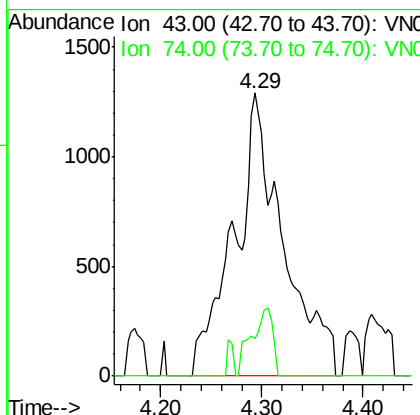
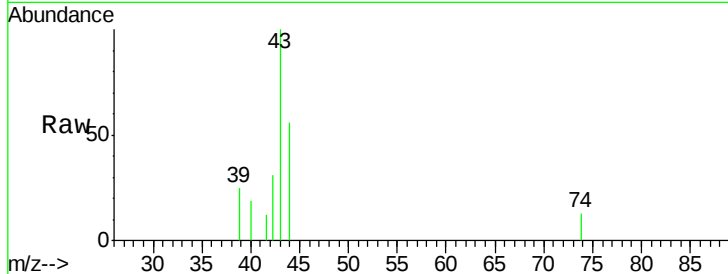
#18
Methyl Acetate
Concen: 1.477 ug/l m
RT: 4.29 min Scan# 794
Delta R.T. 0.01 min
Lab File: VN064576.D
Acq: 12 Nov 2020 13:10

Instrument :
MSVOA_N
ClientSampled :
TP-2-S

Tot Ion: 43 Resp: 4354
Ion Ratio Lower Upper
43 100
74 1.4 17.0 25.4#

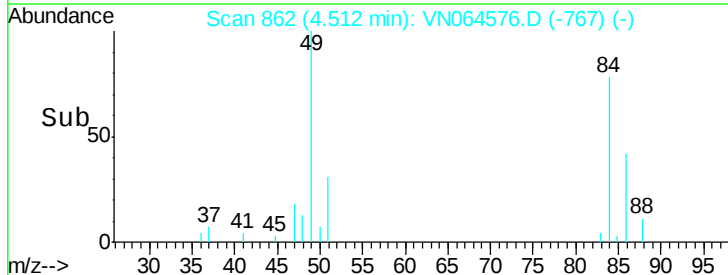
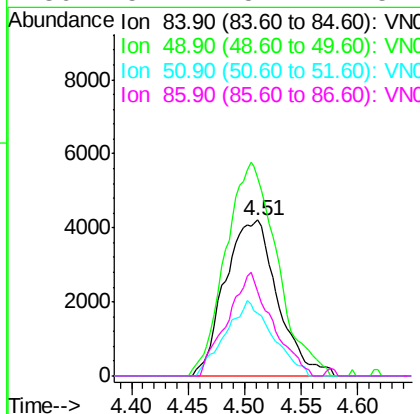
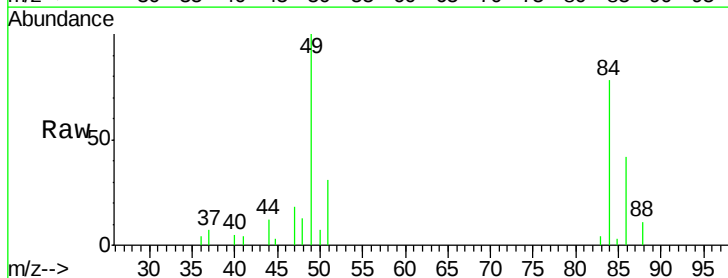
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#20
Methylene Chloride
Concen: 4.552 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN064576.D
Acq: 12 Nov 2020 13:10

Tgt Ion: 84 Resp: 13542
Ion Ratio Lower Upper
84 100
49 127.5 110.1 165.1
51 39.9 33.6 50.4
86 54.1 52.1 78.1





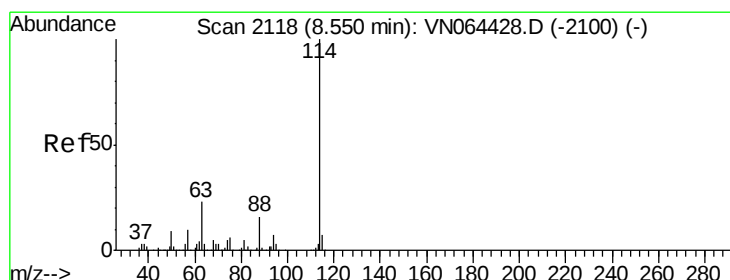
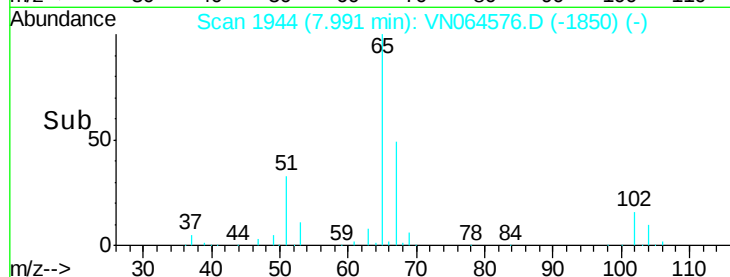
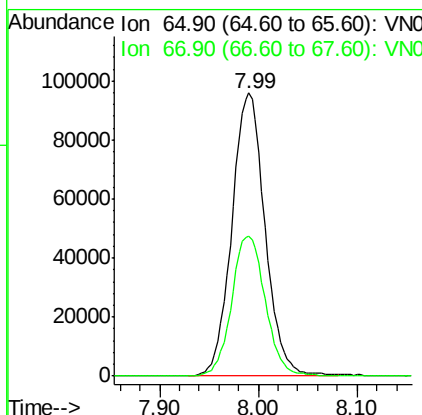
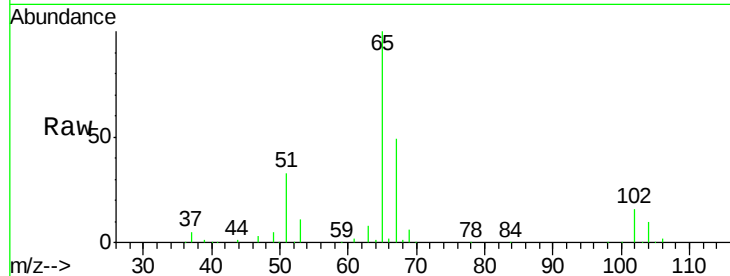
#33
 1,2-Dichloroethane-d4
 Concen: 56.930 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064576.D
 Acq: 12 Nov 2020 13:10

Instrument :
 MSVOA_N
 ClientSampled :
 TP-2-S

Tot Ion	Ratio	Resp	Lower	Upper
65	100	224102		
67	50.3	0.0	101.6	

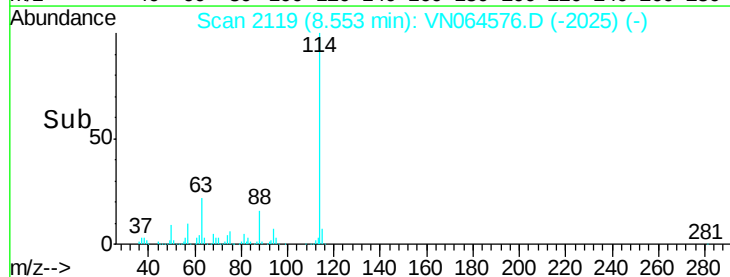
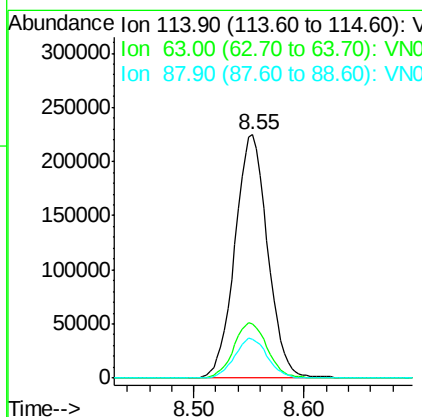
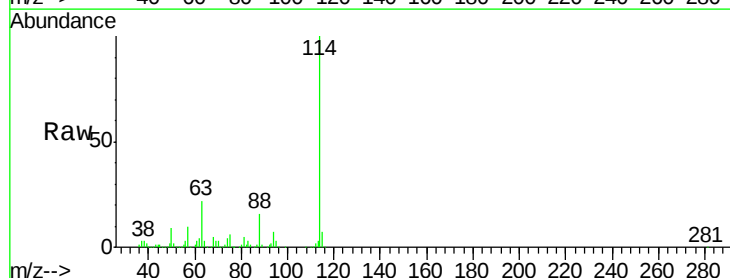
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064576.D
 Acq: 12 Nov 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	462549		
63	22.3	0.0	45.6	
88	16.0	0.0	32.8	





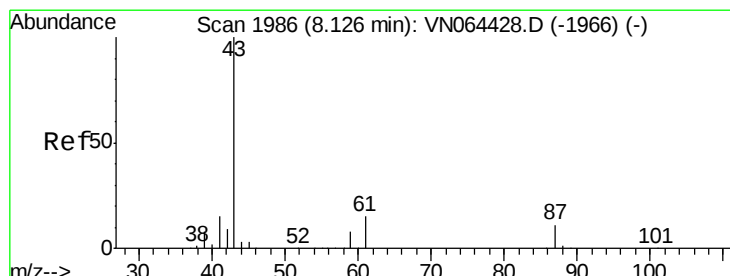
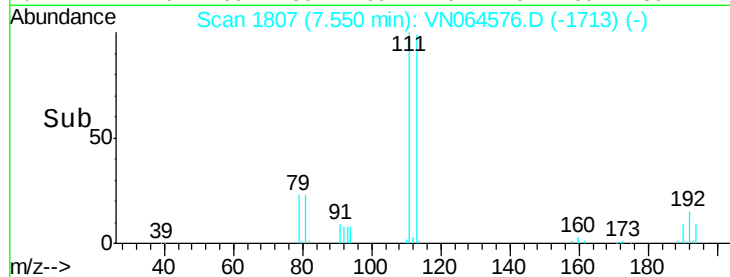
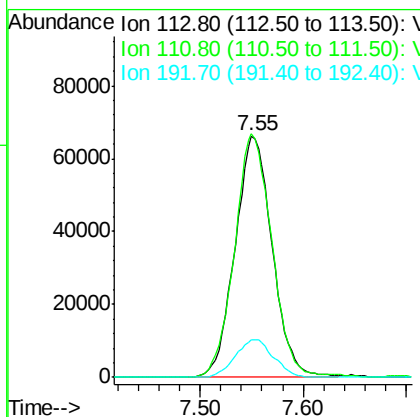
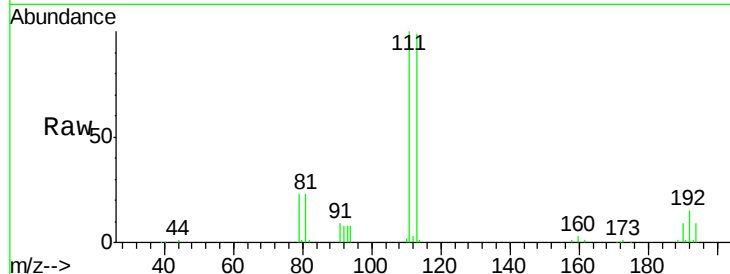
#35
 Dibromofluoromethane
 Concen: 52.720 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064576.D
 Acq: 12 Nov 2020 13:10

Instrument :
 MSVOA_N
 ClientSampled :
 TP-2-S

Tot Ion	Ratio	Resp	Lower	Upper
113	100	166032		
111	101.8	81.1	121.7	
192	16.1	12.8	19.2	

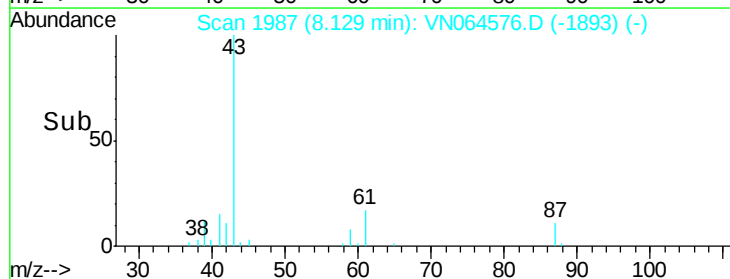
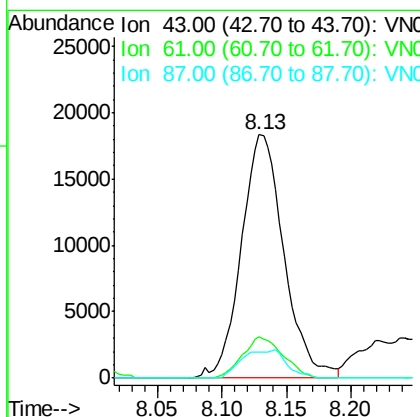
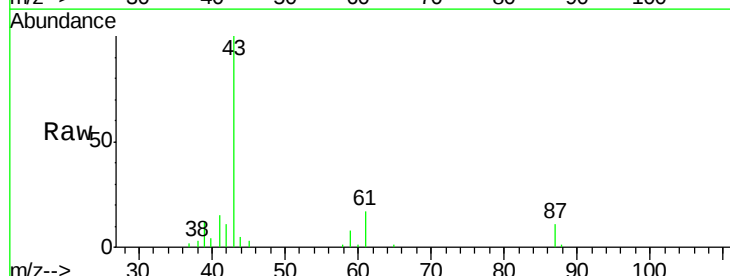
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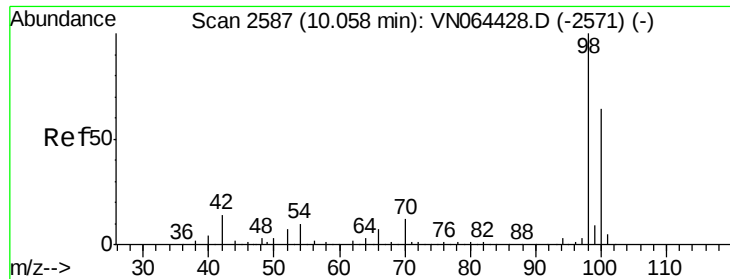
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#43
 Isopropyl Acetate
 Concen: 5.322 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064576.D
 Acq: 12 Nov 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	42148		
61	16.1	14.0	21.0	
87	6.5	9.1	13.7#	





#50

Toluene-d8

Concen: 51.611 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064576.D

Acq: 12 Nov 2020 13:10

Instrument :

MSVOA_N

ClientSampled :

TP-2-S

Tot Ion: 98 Resp: 628218

Ion Ratio Lower Upper

98 100

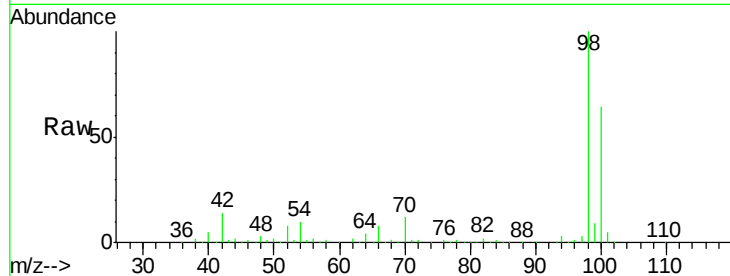
100 63.5 50.7 76.1

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)

10.06

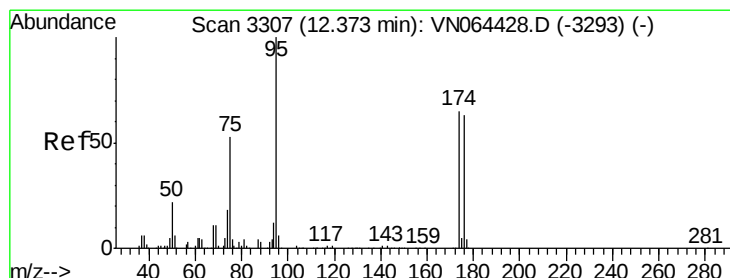
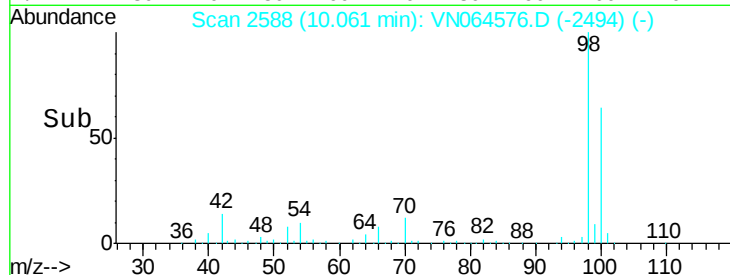
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.116 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064576.D

Acq: 12 Nov 2020 13:10

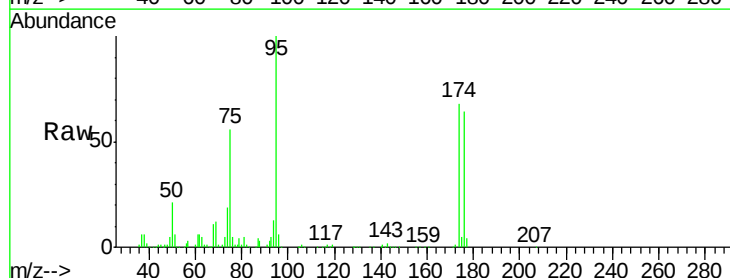
Tgt Ion: 95 Resp: 235306

Ion Ratio Lower Upper

95 100

174 69.2 0.0 132.6

176 65.4 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064428.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064428.D (-3293) (-)

12.38

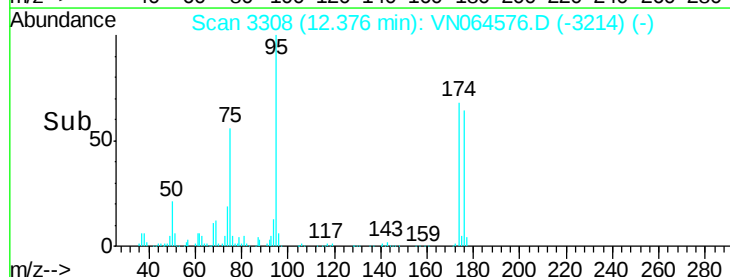
150000

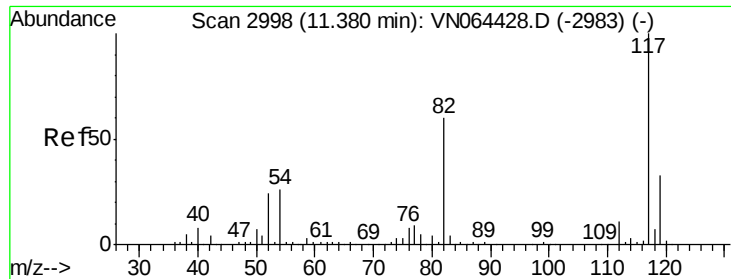
100000

50000

0

Time-->





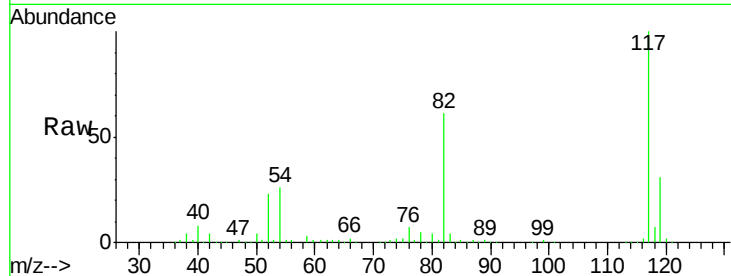
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064576.D
Acq: 12 Nov 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.4	48.1	72.1
119	31.0	26.2	39.4

Manual Integrations
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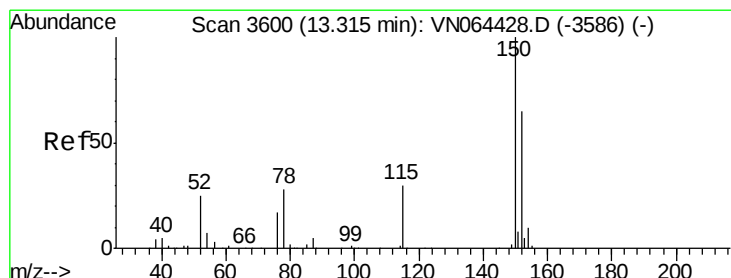
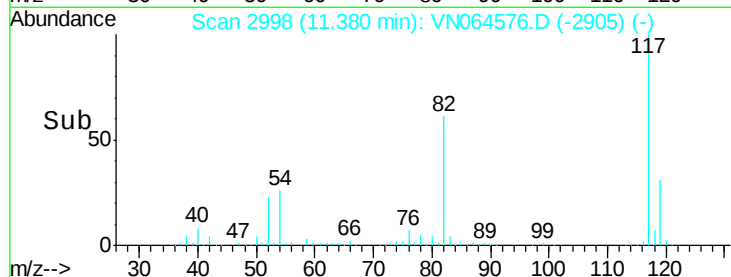
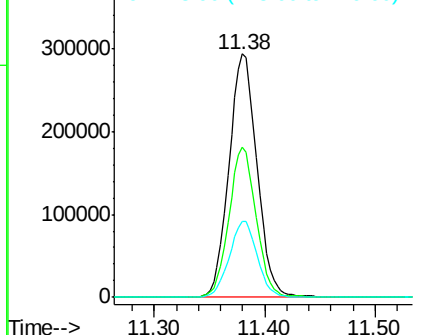


Abundance

Ion 116.90 (116.60 to 117.60): V

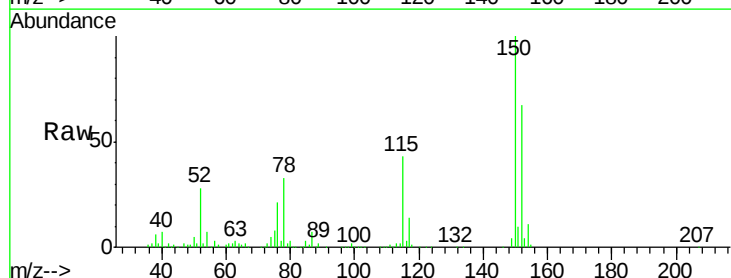
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064576.D
Acq: 12 Nov 2020 13:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	32.0	96.0
150	155.3	0.0	353.8



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

