

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
 Data File : VN064558.D
 Acq On : 11 Nov 2020 16:26
 Operator : JC/MD
 Sample : PB132934ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132934ZHE#02

Manual Integrations
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 11/12/2020 9:12:44 AM

Quant Time: Nov 12 02:30:43 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	234893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	489758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	547516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192309	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	235368	57.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.06%	
35) Dibromofluoromethane	7.55	113	172316	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
50) Toluene-d8	10.06	98	661478	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.38	95	249585	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
Target Compounds						
16) Acetone	3.78	43	10779m	6.916	ug/l	
20) Methylene Chloride	4.51	84	9045	2.925	ug/l #	96
43) Isopropyl Acetate	8.13	43	44656	5.326	ug/l	99

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

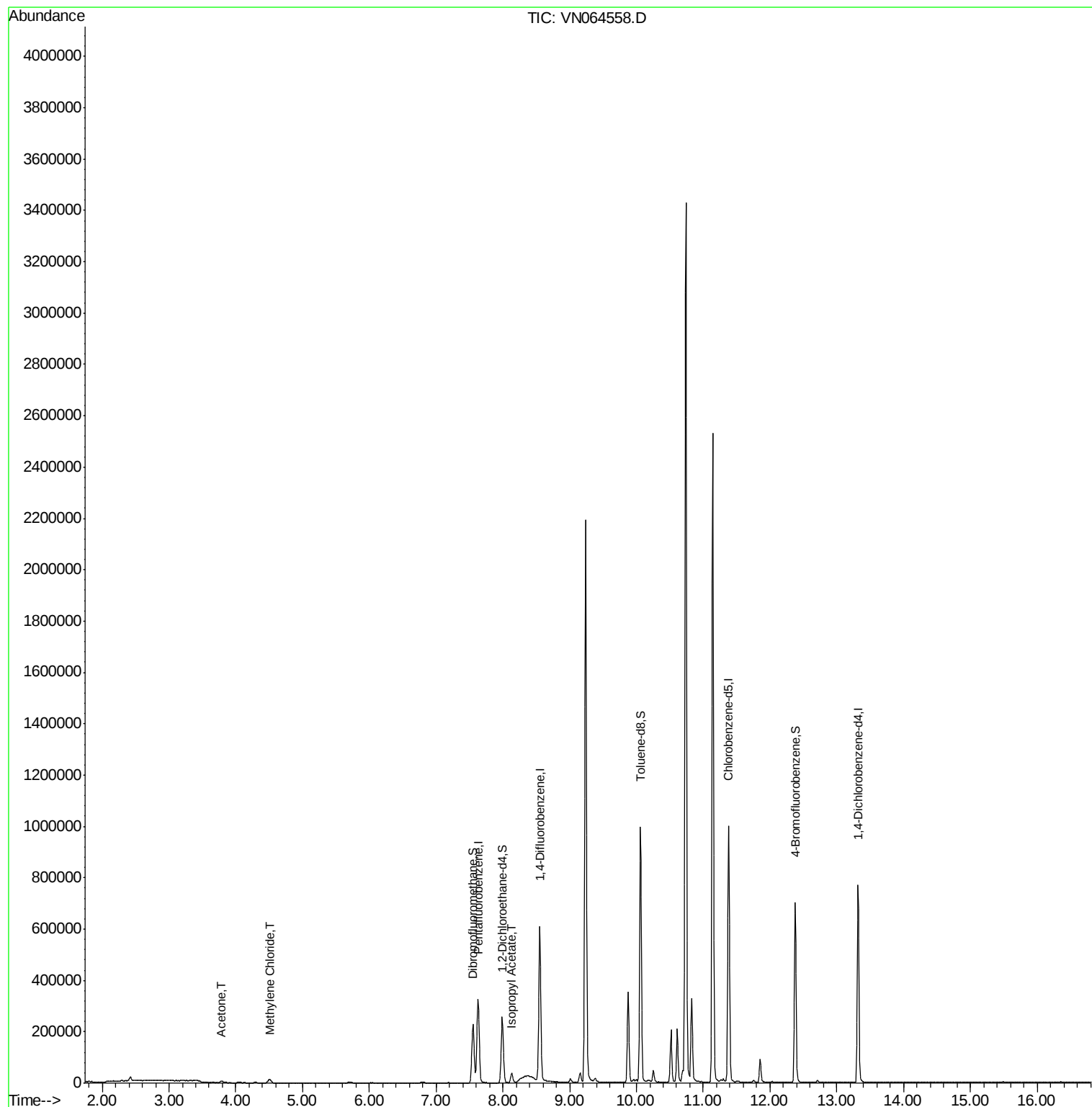
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
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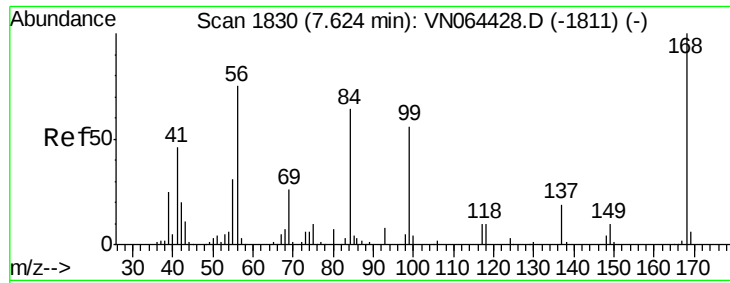
Instrument :
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Quant Time: Nov 12 02:30:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN064558.D

Acq: 11 Nov 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

PB132934ZHE#02

Tot Ion:168 Resp: 234893

Ion Ratio Lower Upper

168 100

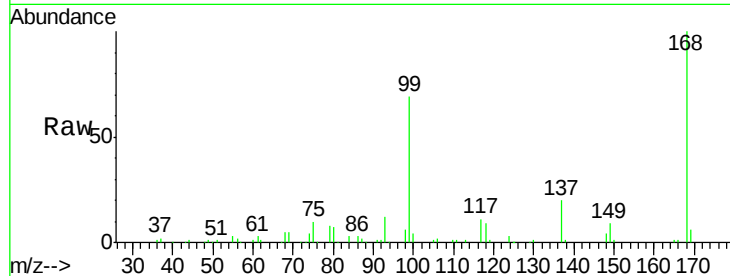
99 69.4 53.4 80.2

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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

100000

80000

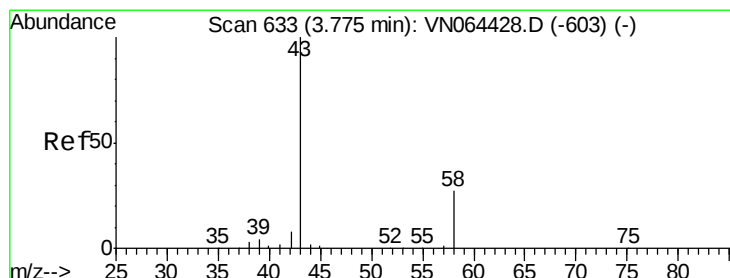
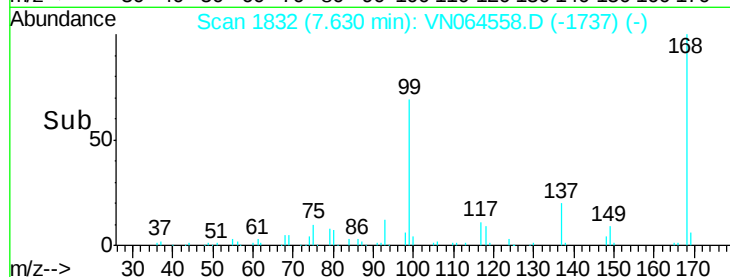
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 6.916 ug/l m

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064558.D

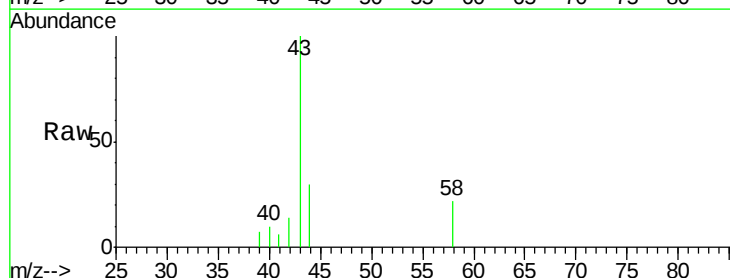
Acq: 11 Nov 2020 16:26

Tgt Ion: 43 Resp: 10779

Ion Ratio Lower Upper

43 100

58 21.9 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

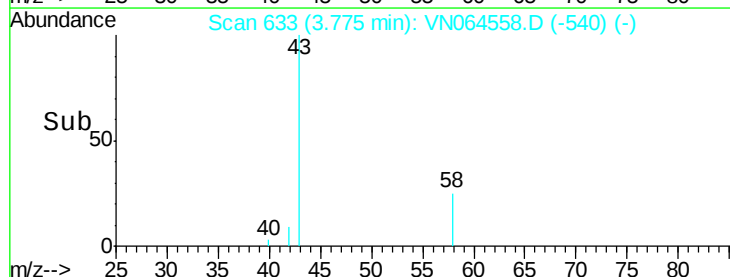
3000

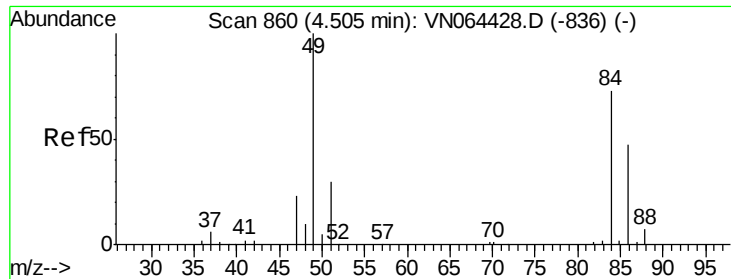
2000

1000

0

Time--> 3.70 3.80 3.90





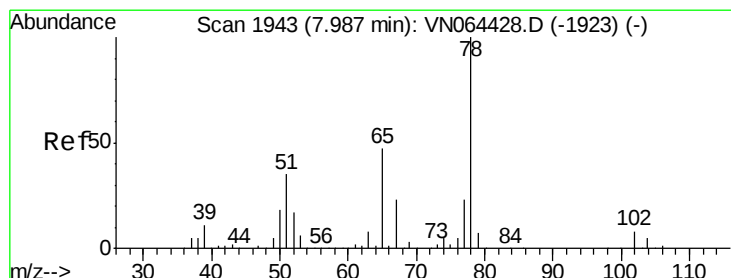
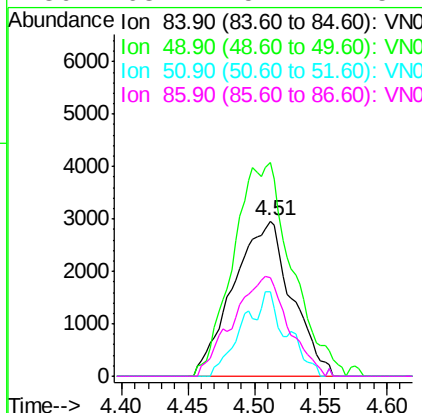
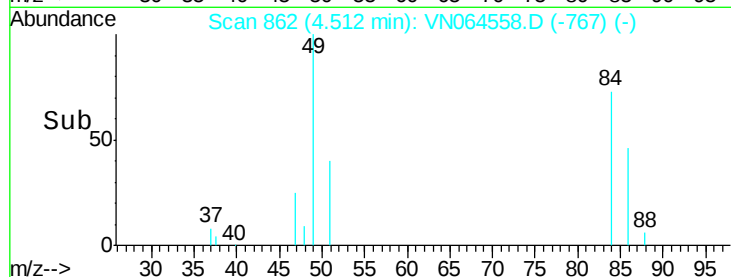
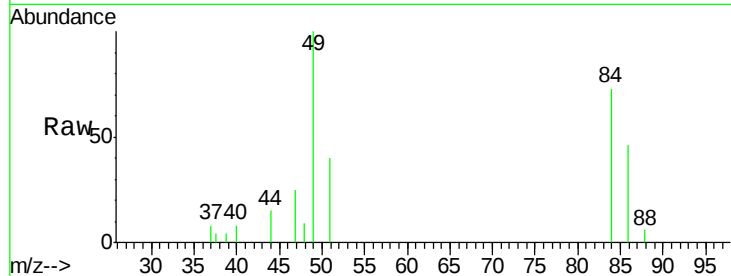
#20
Methylene Chloride
Concen: 2.925 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN064558.D
Acq: 11 Nov 2020 16:26

Instrument :
MSVOA_N
ClientSampleId :
PB132934ZHE#02

Tot Ion	Ratio	Lower	Upper
84	100		
49	137.7	110.1	165.1
51	54.5	33.6	50.4
86	63.4	52.1	78.1

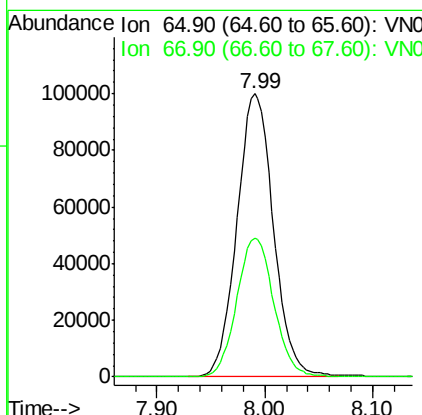
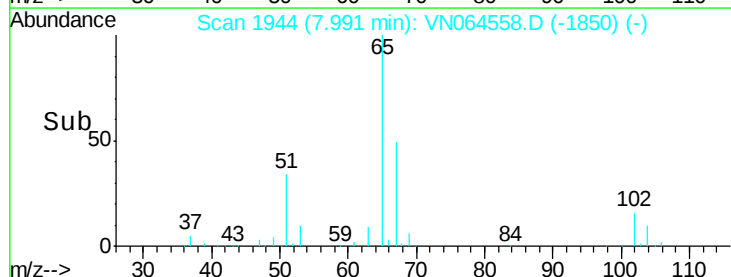
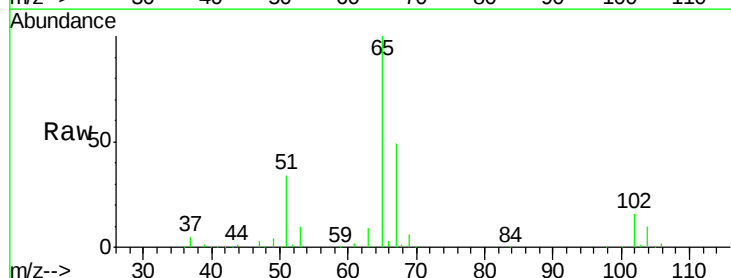
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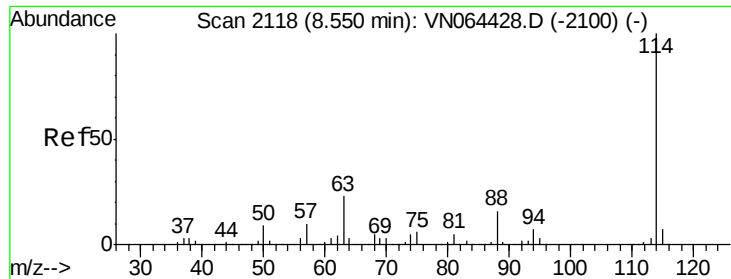
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#33
1,2-Dichloroethane-d4
Concen: 57.526 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN064558.D
Acq: 11 Nov 2020 16:26

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	101.6





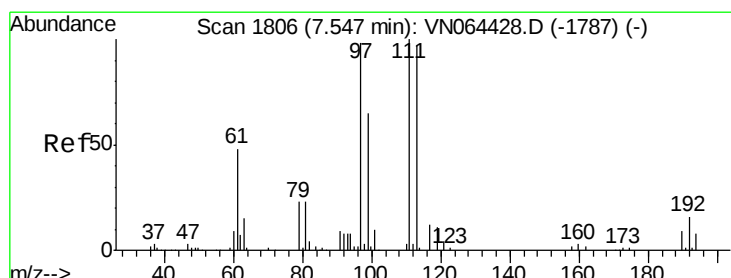
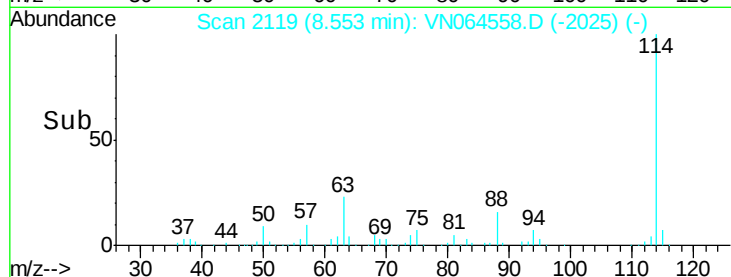
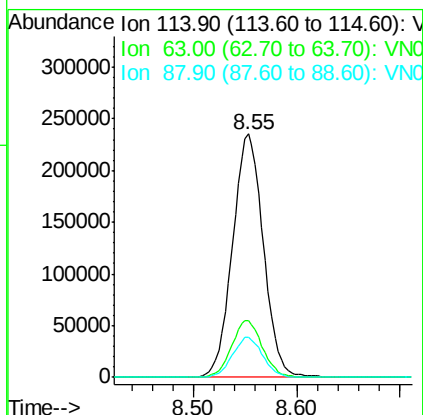
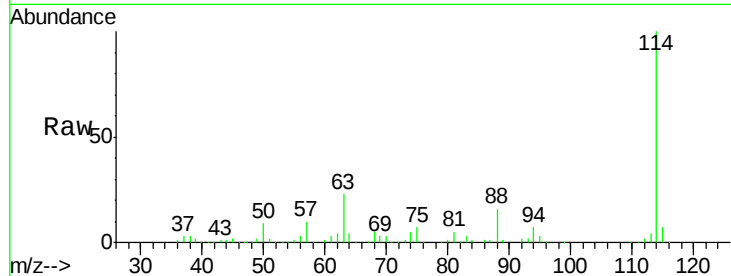
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN064558.D
Acq: 11 Nov 2020 16:26

Instrument :
MSVOA_N
ClientSampleId :
PB132934ZHE#02

Tot Ion	Ratio	Resp	Lower	Upper
114	100	489758		
63	23.3	0.0	45.6	
88	16.5	0.0	32.8	

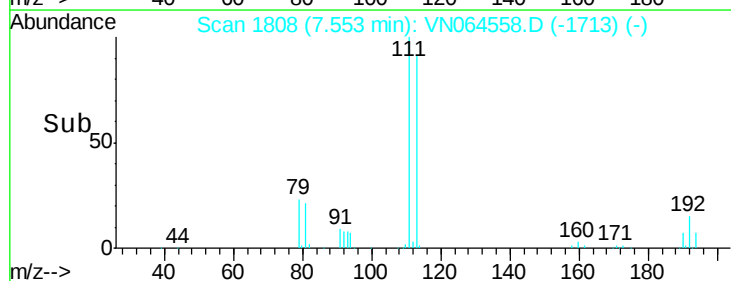
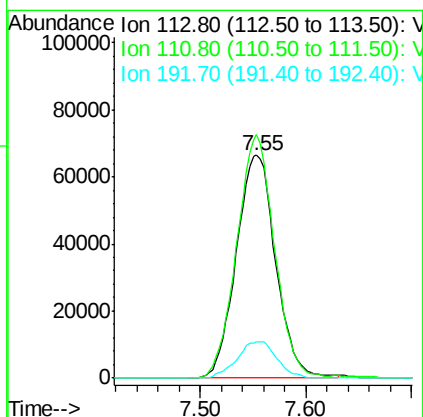
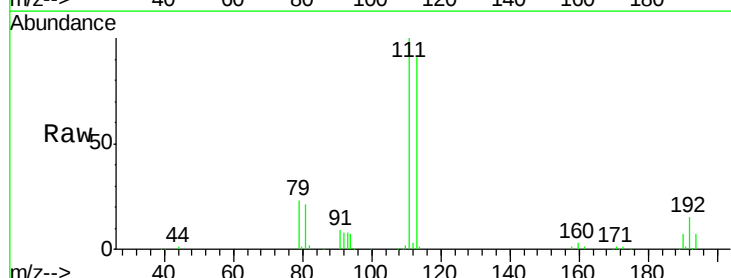
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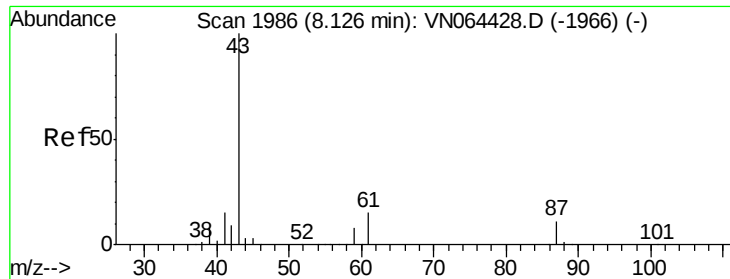
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#35
Dibromofluoromethane
Concen: 51.675 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VN064558.D
Acq: 11 Nov 2020 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	172316		
111	104.7	81.1	121.7	
192	16.5	12.8	19.2	





#43

Isopropyl Acetate

Concen: 5.326 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064558.D

Acq: 11 Nov 2020 16:26

Instrument :

MSVOA_N

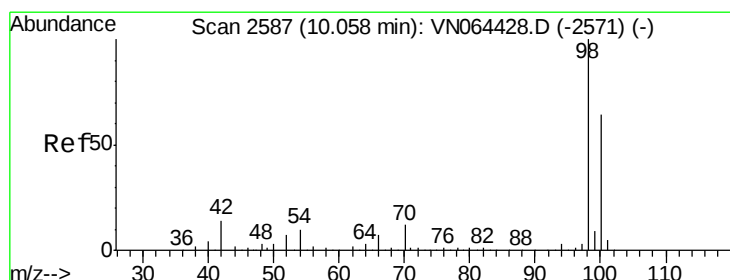
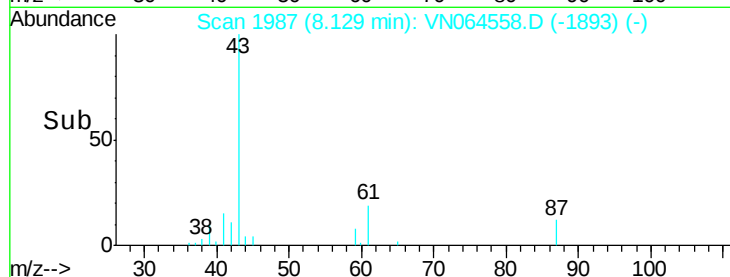
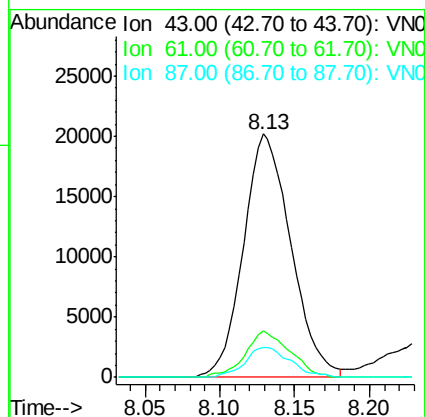
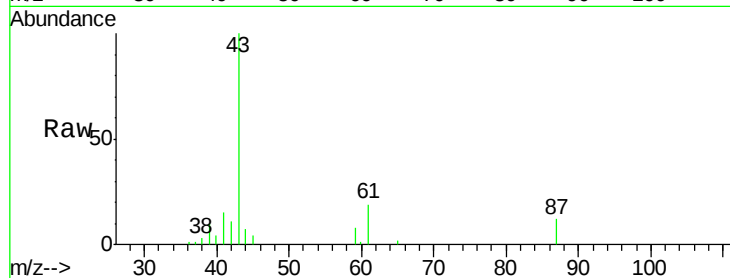
ClientSampleId :

PB132934ZHE#02

Tot Ion:	43	Resp:	44656
Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.0	21.0
87	11.7	9.1	13.7

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#50

Toluene-d8

Concen: 51.324 ug/l

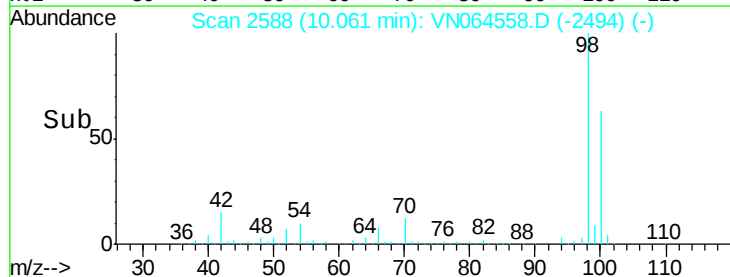
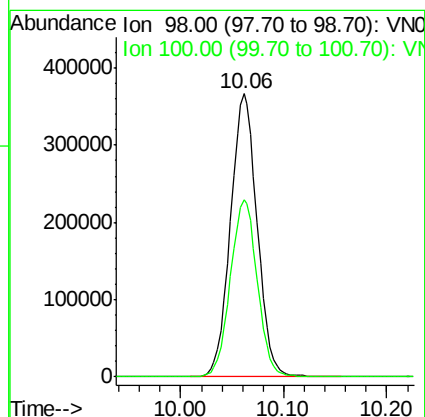
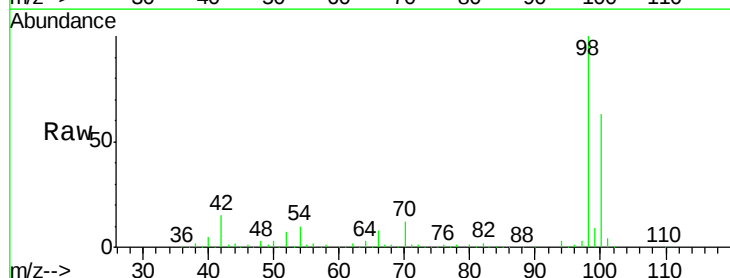
RT: 10.06 min Scan# 2588

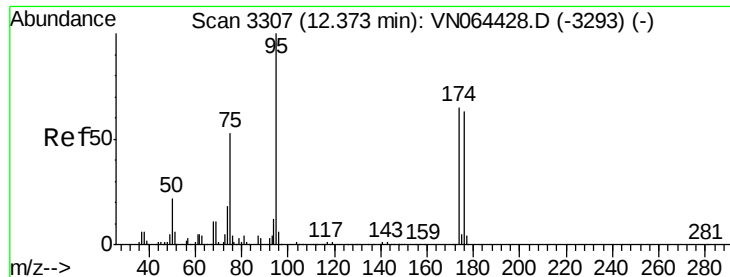
Delta R.T. 0.00 min

Lab File: VN064558.D

Acq: 11 Nov 2020 16:26

Tgt Ion:	98	Resp:	661478
Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.7	76.1





#62

4-Bromofluorobenzene

Concen: 51.206 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064558.D

Acq: 11 Nov 2020 16:26

Instrument :

MSVOA_N

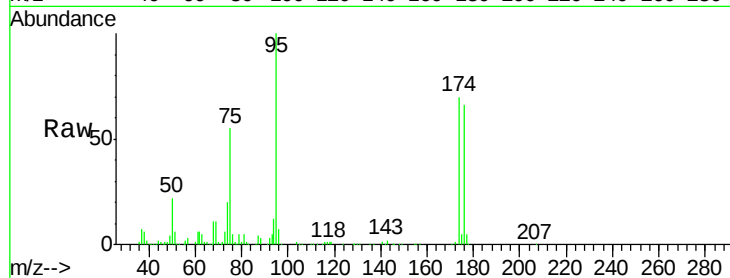
ClientSampleId :

PB132934ZHE#02

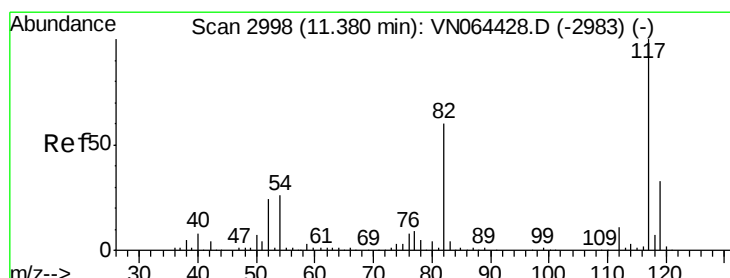
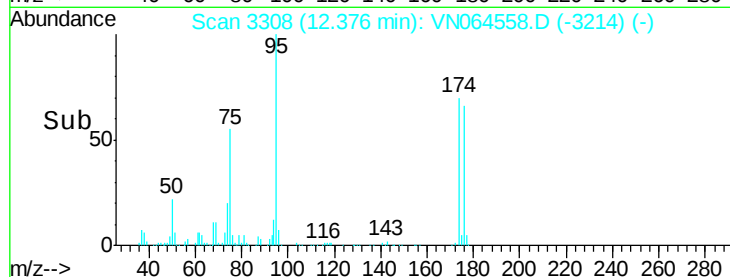
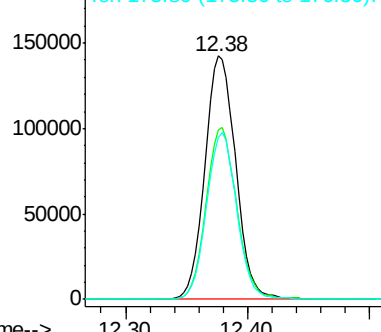
Tot Ion:	95	Resp:	249585
Ion Ratio	Lower	Upper	
95	100		
174	70.3	0.0	132.6
176	66.9	0.0	129.2

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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

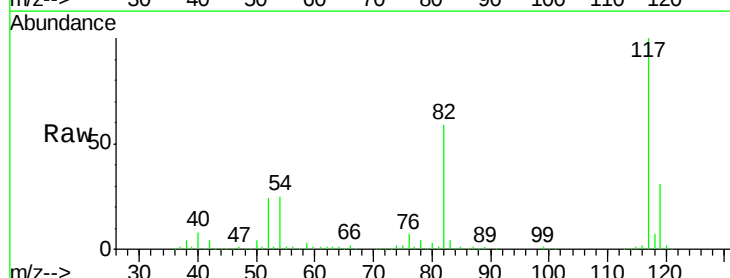
RT: 11.38 min Scan# 2999

Delta R.T. 0.00 min

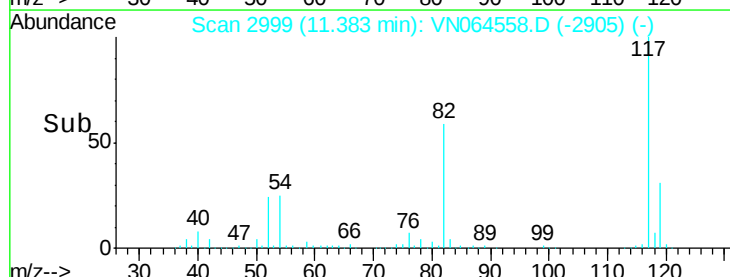
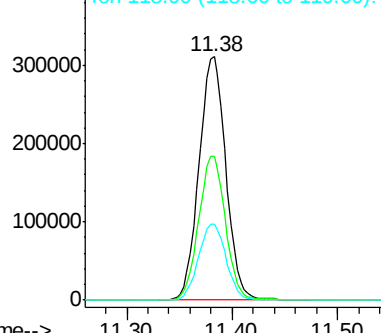
Lab File: VN064558.D

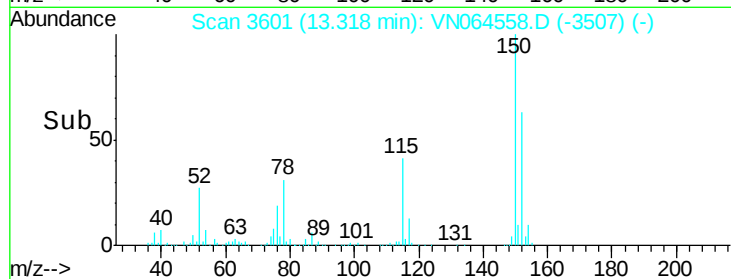
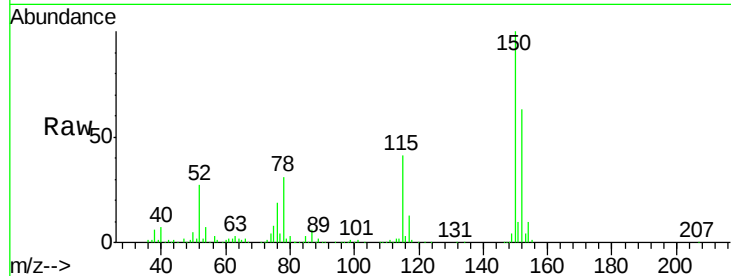
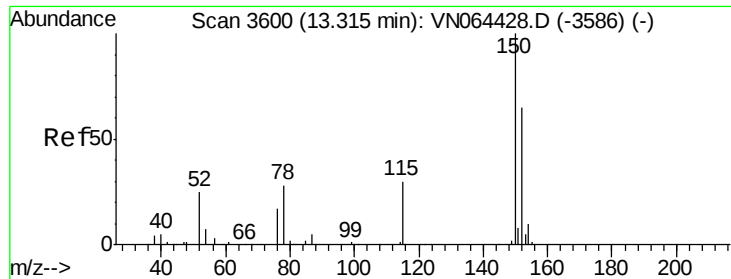
Acq: 11 Nov 2020 16:26

Tgt Ion:	117	Resp:	547516
Ion Ratio	Lower	Upper	
117	100		
82	59.3	48.1	72.1
119	31.3	26.2	39.4



Abundance Ion 116.90 (116.60 to 117.60): VN064428.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064558.D

Acq: 11 Nov 2020 16:26

Tot Ion:	152	Resp:	192309
Ion Ratio	Lower	Upper	
152	100		
115	65.6	32.0	96.0
150	159.5	0.0	353.8

Instrument :

MSVOA_N

ClientSampleId :

PB132934ZHE#02

Manual Integrations
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