

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\
 Data File : VN064646.D
 Acq On : 13 Nov 2020 21:35
 Operator : JC/MD
 Sample : L4705-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 32785

Manual Integrations
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Quant Time: Nov 17 03:29:25 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	216638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	479072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	524865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	227309	60.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.48%	
35) Dibromofluoromethane	7.55	113	166035	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
50) Toluene-d8	10.06	98	627200	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.38	95	235978	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
Target Compounds						
16) Acetone	3.78	43	25467m	17.717	ug/l	
18) Methyl Acetate	4.29	43	4712m	1.667	ug/l	
20) Methylene Chloride	4.50	84	11960	4.194	ug/l #	77
43) Isopropyl Acetate	8.13	43	86661	10.566	ug/l	99
52) Toluene	10.12	92	112536	12.407	ug/l	99

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

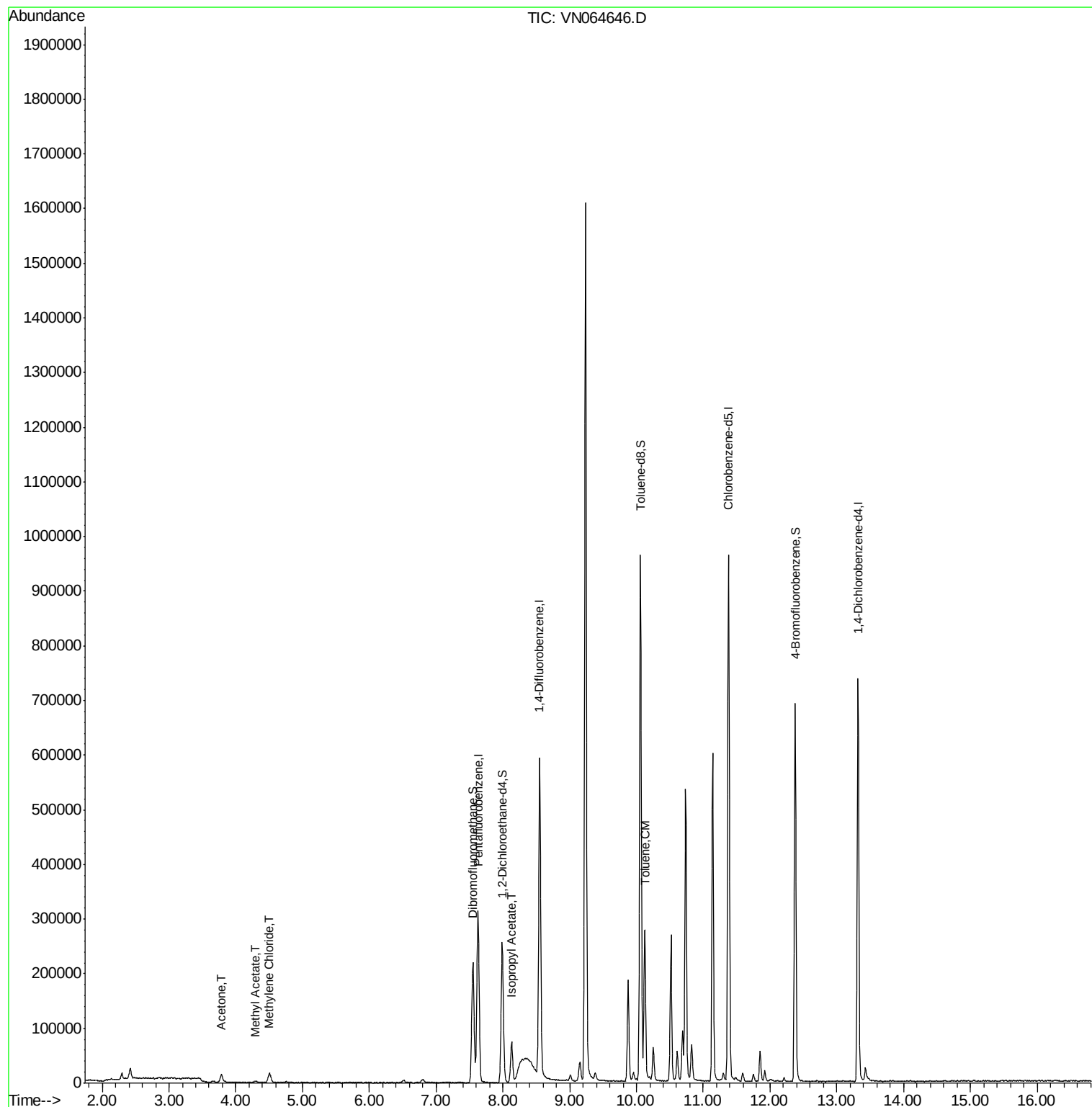
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111320\
Data File : VN064646.D
Acq On : 13 Nov 2020 21:35
Operator : JC/MD
Sample : L4705-05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

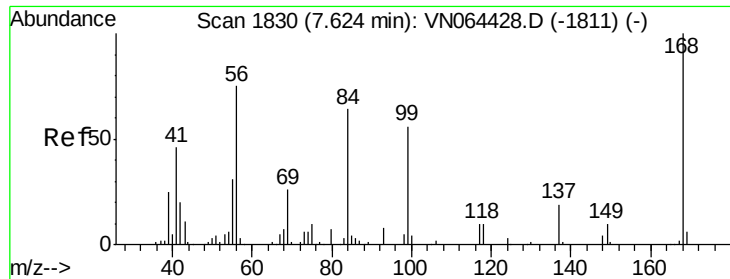
Instrument :
MSVOA_N
ClientSampleId :
32785

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Quant Time: Nov 17 03:29:25 2020
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: VN064646.D

Acq: 13 Nov 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

32785

Tot Ion:168 Resp: 216638

Ion Ratio Lower Upper

168 100

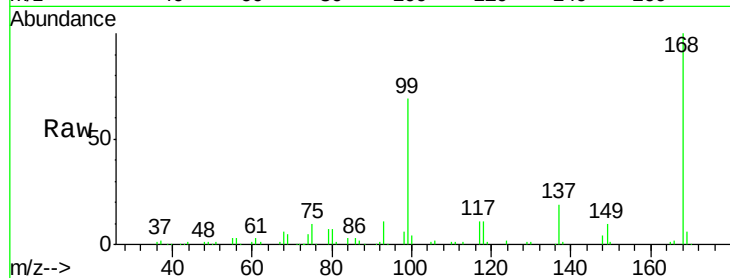
99 69.0 53.4 80.2

Manual Integrations

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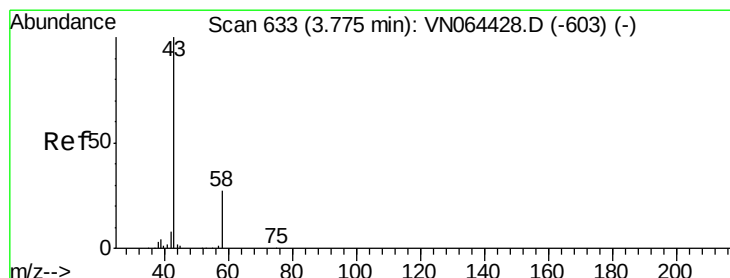
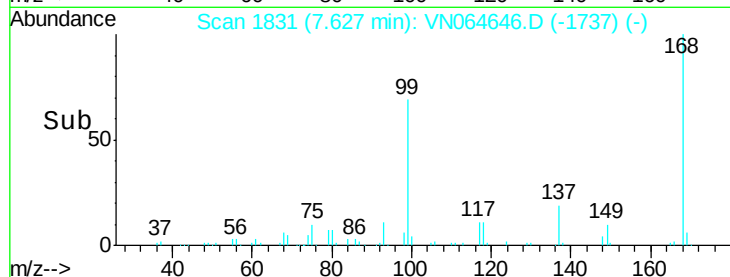
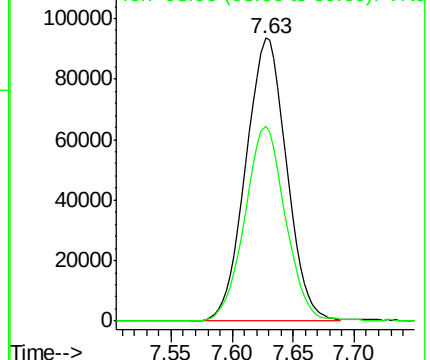
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 17.717 ug/l m

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064646.D

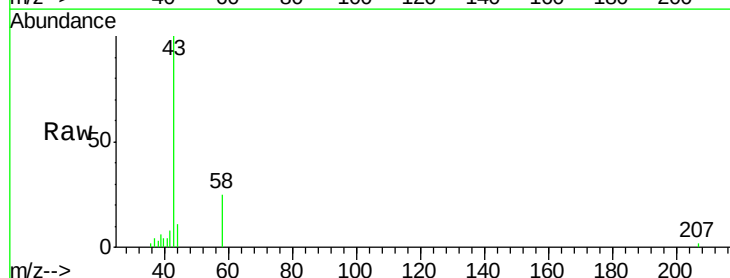
Acq: 13 Nov 2020 21:35

Tgt Ion: 43 Resp: 25467

Ion Ratio Lower Upper

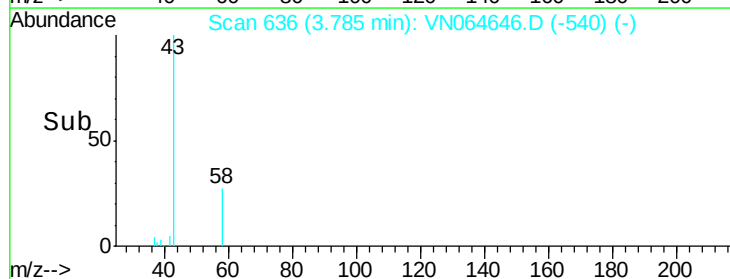
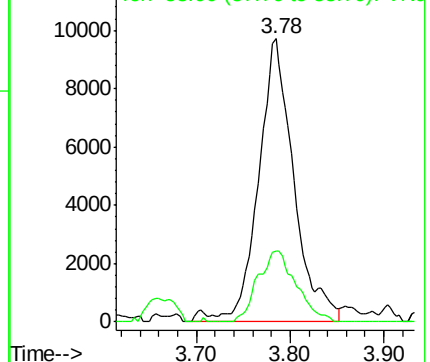
43 100

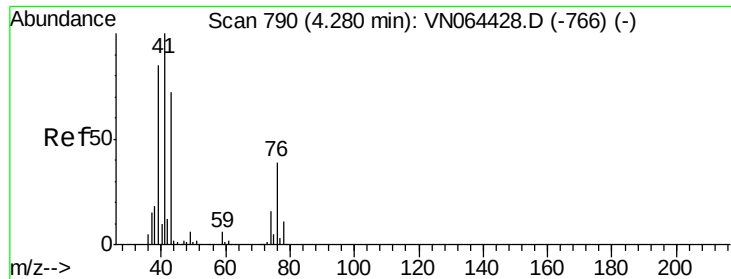
58 25.1 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





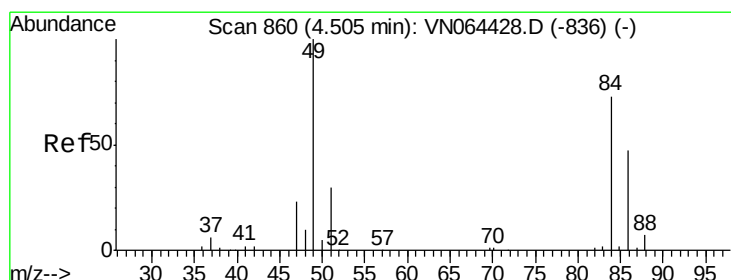
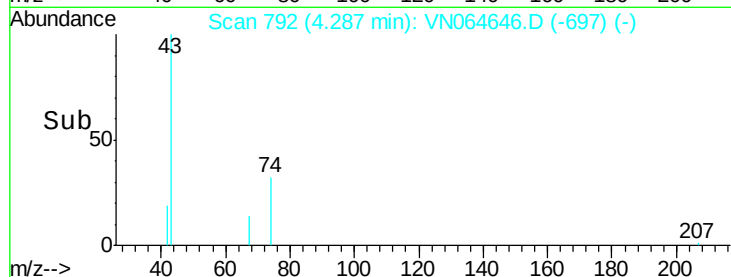
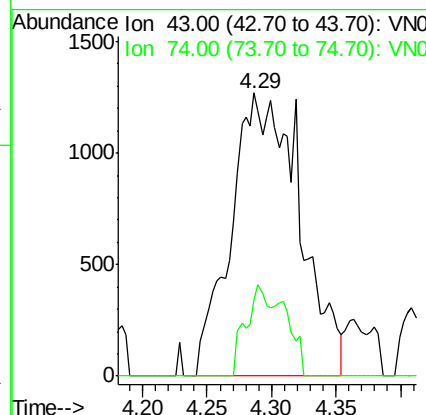
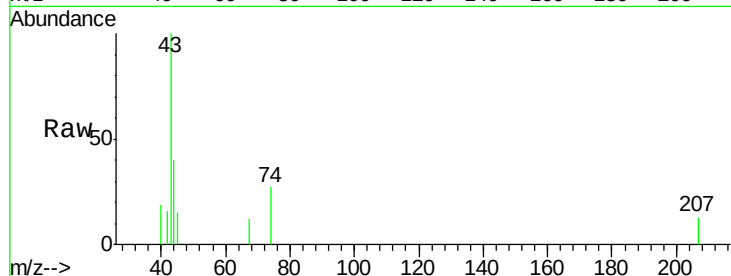
#18
Methyl Acetate
Concen: 1.667 ug/l m
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN064646.D
Acq: 13 Nov 2020 21:35

Instrument :
MSVOA_N
ClientSampled :
32785

Tot Ion: 43 Resp: 4712
Ion Ratio Lower Upper
43 100
74 10.8 17.0 25.4#

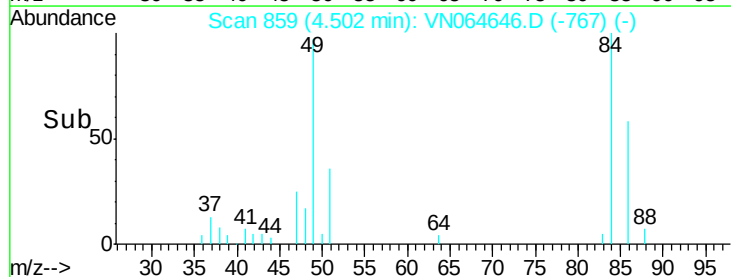
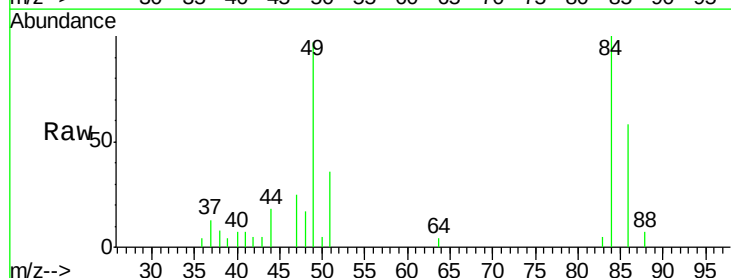
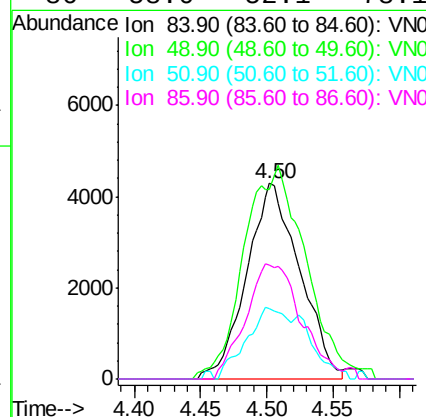
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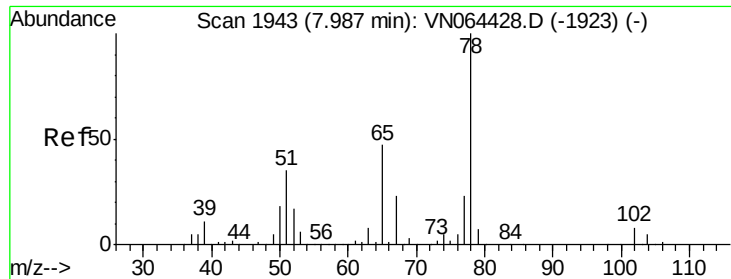
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#20
Methylene Chloride
Concen: 4.194 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064646.D
Acq: 13 Nov 2020 21:35

Tgt Ion: 84 Resp: 11960
Ion Ratio Lower Upper
84 100
49 96.9 110.1 165.1#
51 35.8 33.6 50.4
86 58.0 52.1 78.1





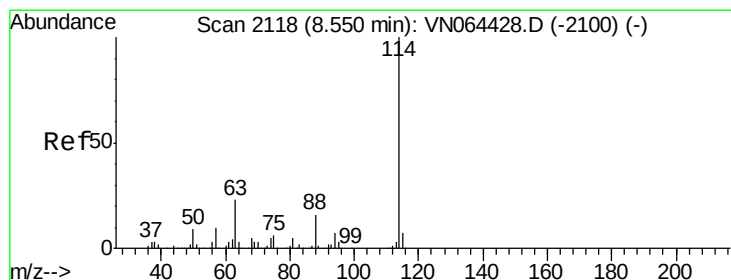
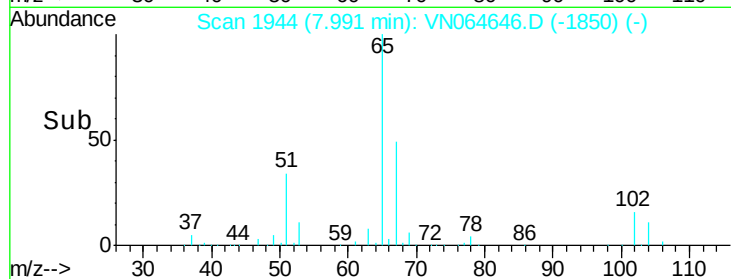
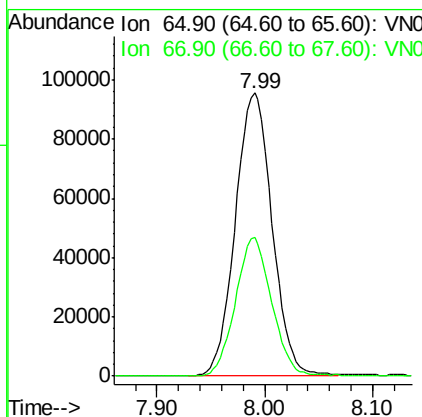
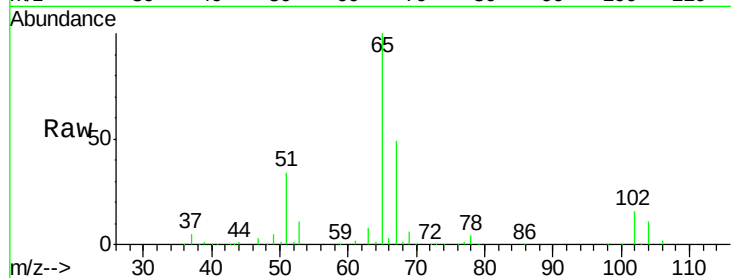
#33
 1,2-Dichloroethane-d4
 Concen: 60.238 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064646.D
 Acq: 13 Nov 2020 21:35

Instrument :
 MSVOA_N
 ClientSampled :
 32785

Tot Ion	Ratio	Resp	Lower	Upper
65	100	227309		
67	48.1	0.0	101.6	

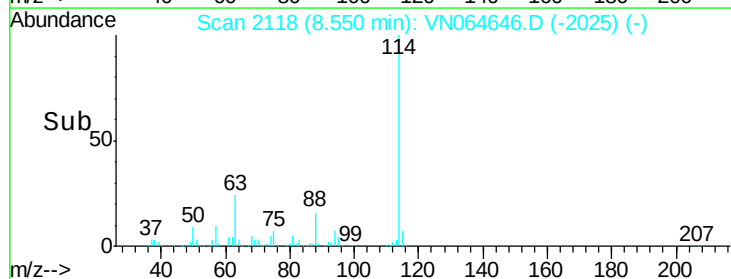
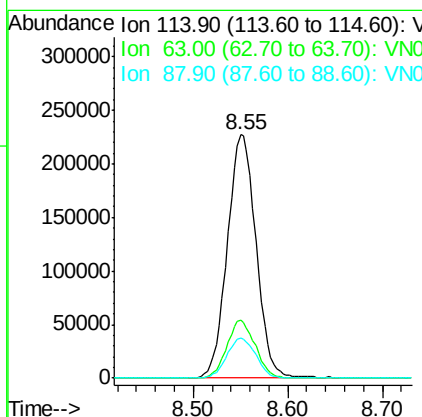
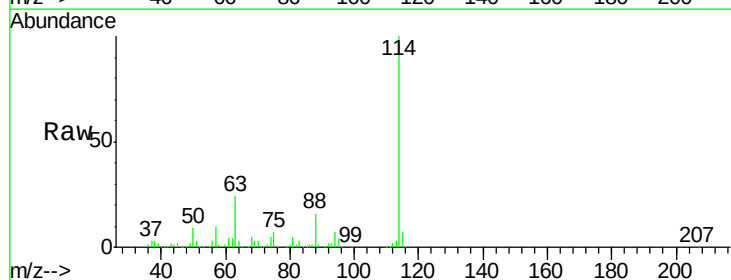
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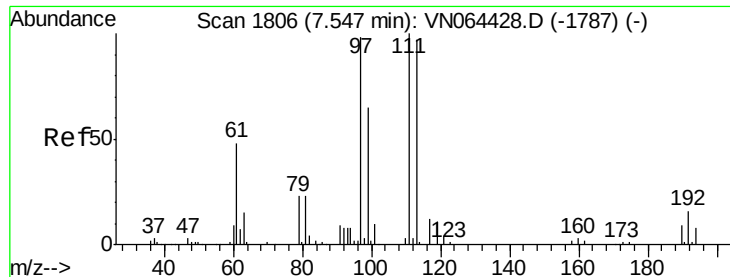
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064646.D
 Acq: 13 Nov 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	479072		
63	23.8	0.0	45.6	
88	16.3	0.0	32.8	





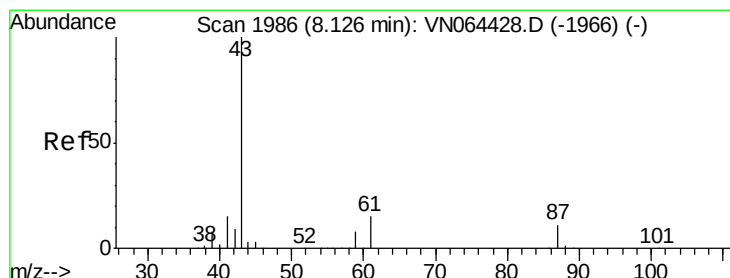
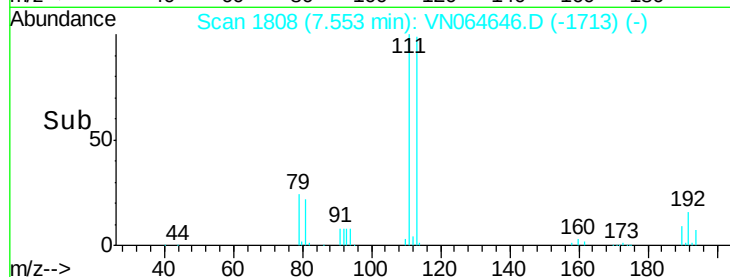
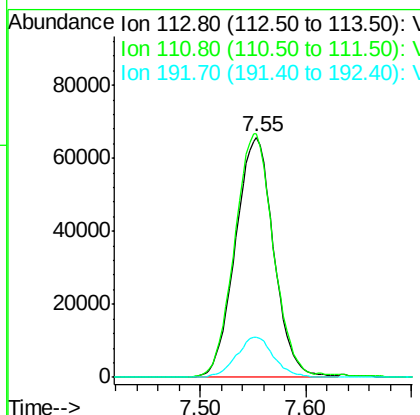
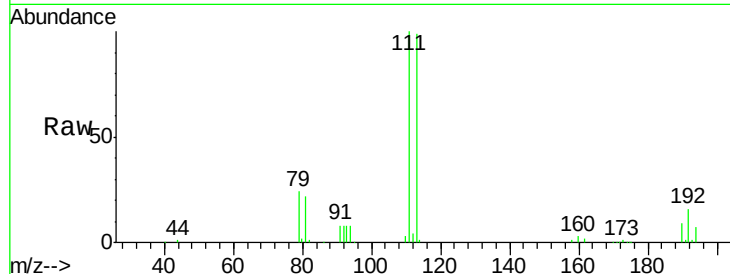
#35
 Dibromofluoromethane
 Concen: 50.903 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN064646.D
 Acq: 13 Nov 2020 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 32785

Tot Ion	Ratio	Resp	Lower	Upper
113	100	166035		
111	103.1	81.1	121.7	
192	16.3	12.8	19.2	

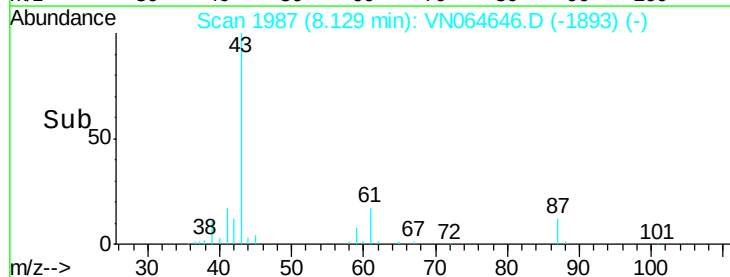
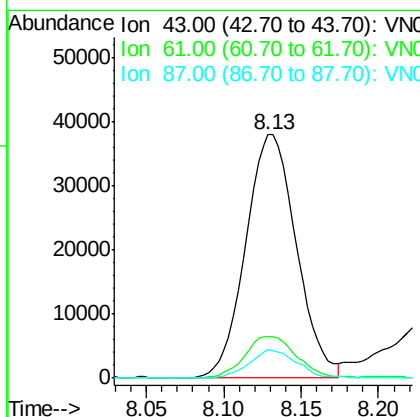
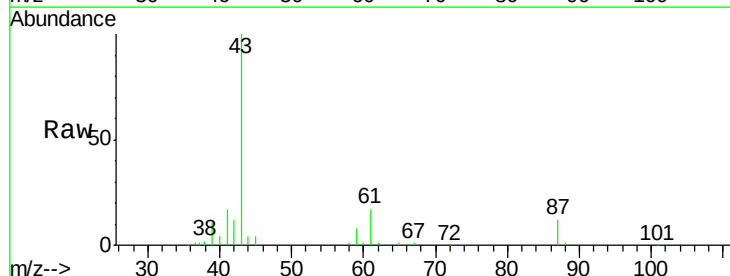
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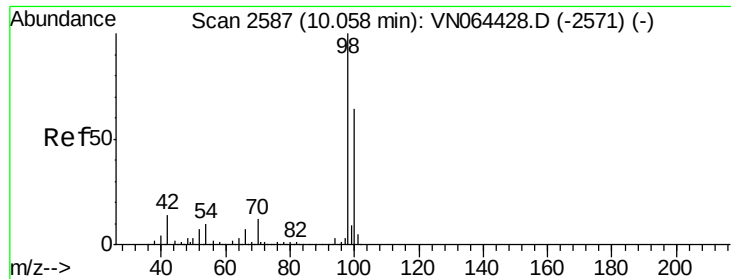
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#43
 Isopropyl Acetate
 Concen: 10.566 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064646.D
 Acq: 13 Nov 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	86661		
61	17.5	14.0	21.0	
87	10.7	9.1	13.7	





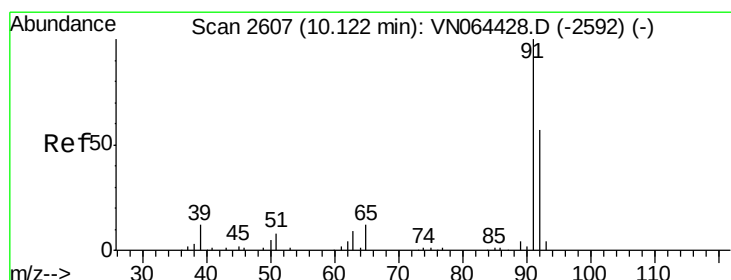
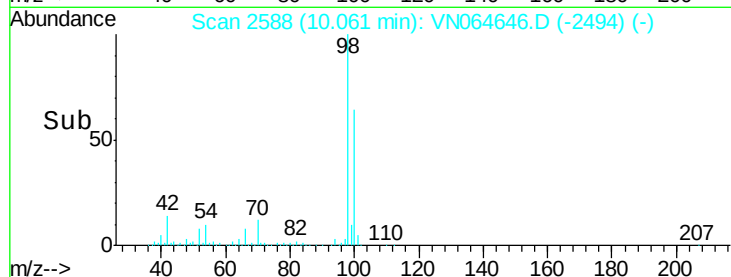
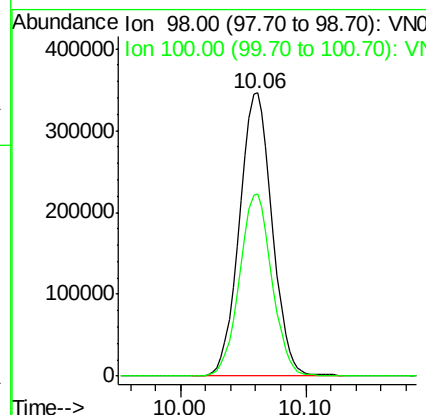
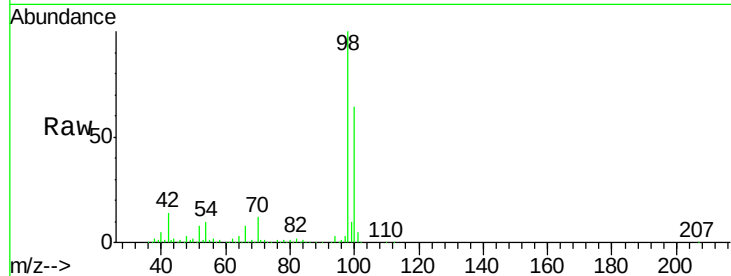
#50
Toluene-d8
Concen: 49.750 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064646.D
Acq: 13 Nov 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
32785

Tot Ion: 98 Resp: 627200
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1

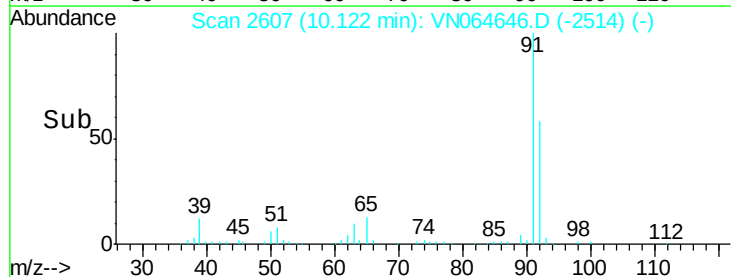
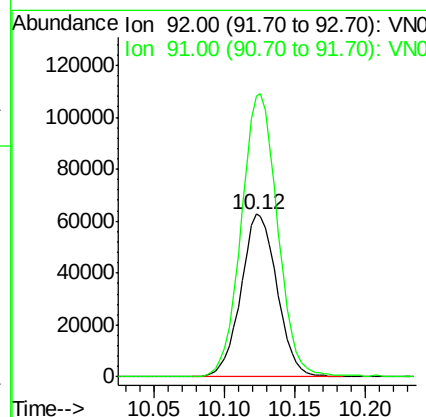
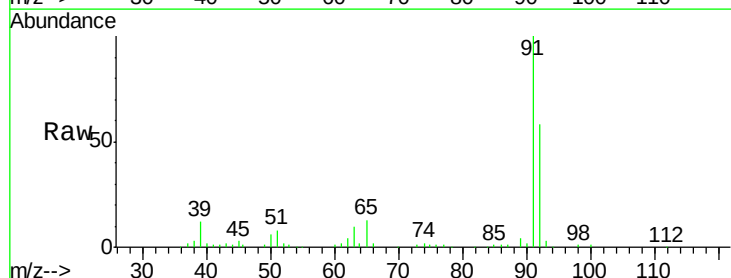
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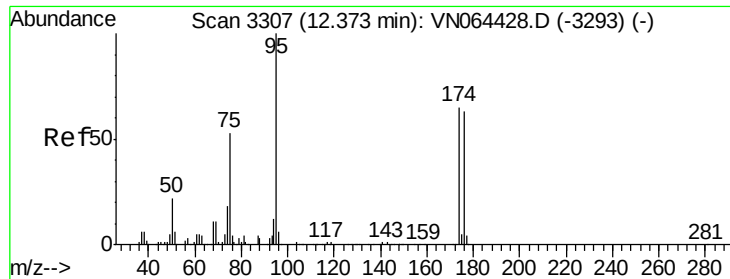
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#52
Toluene
Concen: 12.407 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064646.D
Acq: 13 Nov 2020 21:35

Tgt Ion: 92 Resp: 112536
Ion Ratio Lower Upper
92 100
91 175.2 139.6 209.4





#62

4-Bromofluorobenzene

Concen: 49.494 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064646.D

Acq: 13 Nov 2020 21:35

Instrument :

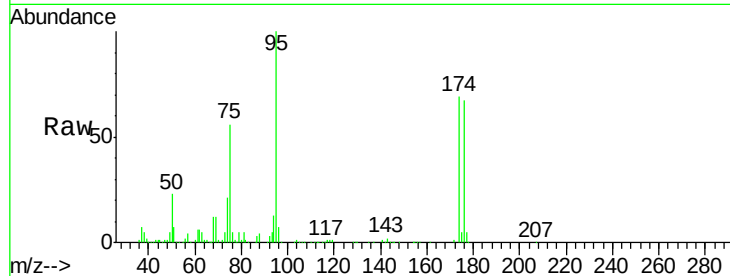
MSVOA_N

ClientSampled :
32785

Tot Ion:	95	Resp:	235978
Ion Ratio	Lower	Upper	
95	100		
174	69.6	0.0	132.6
176	67.2	0.0	129.2

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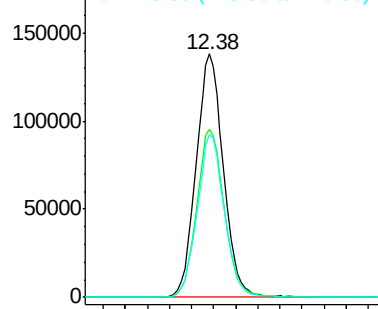
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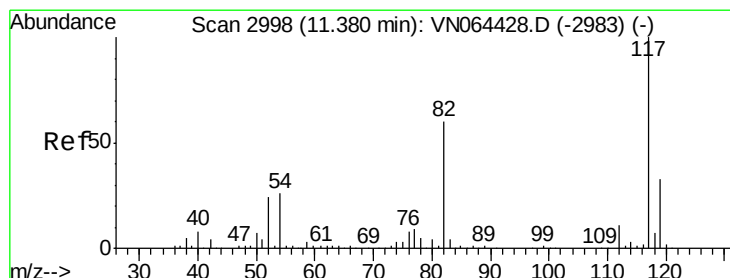
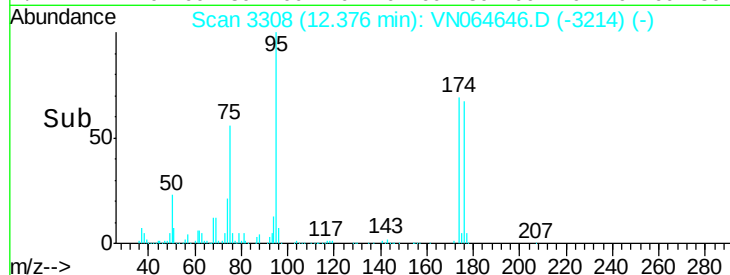
Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

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

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



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

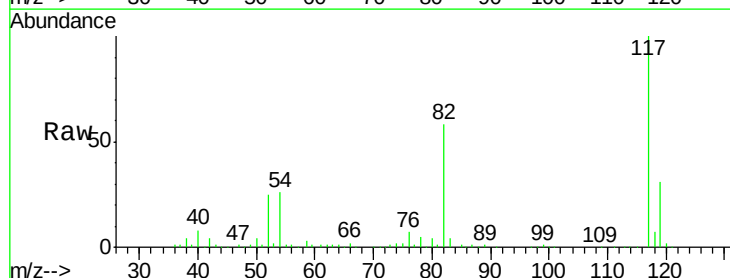
RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064646.D

Acq: 13 Nov 2020 21:35

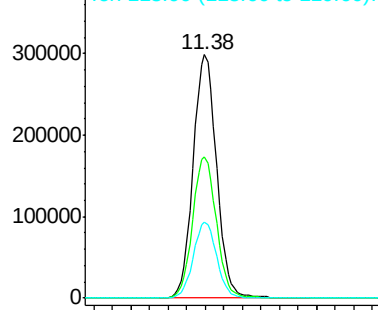
Tgt Ion:	117	Resp:	524865
Ion Ratio	Lower	Upper	
117	100		
82	58.1	48.1	72.1
119	31.2	26.2	39.4



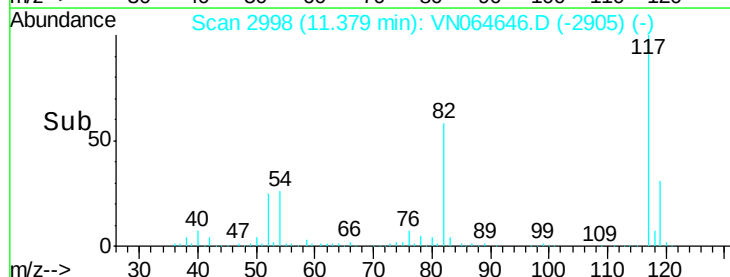
Abundance Ion 116.90 (116.60 to 117.60): VN064428.D (-2983) (-)

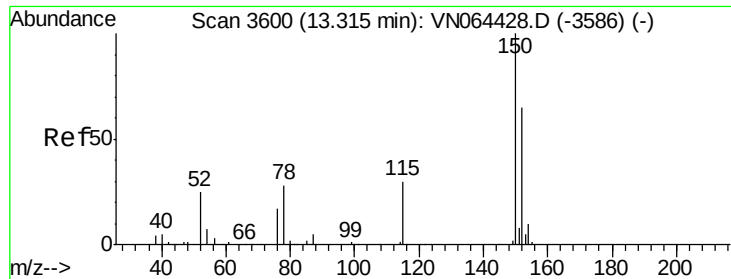
Ion 82.00 (81.70 to 82.70): VN064428.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN064428.D (-2983) (-)



Time-->





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VN064646.D
 Acq: 13 Nov 2020 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 32785

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.9	32.0	96.0
150	155.9	0.0	353.8

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