

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064243.D
 Acq On : 22 Oct 2020 3:26
 Operator : JC/MD
 Sample : PB132513ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132513ZHE#08

Manual Integrations
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 10/23/2020 2:10:50 PM

Quant Time: Oct 22 04:05:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	257134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	454364	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	457448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210986	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	198056	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
35) Dibromofluoromethane	7.55	113	153134	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	10.06	98	578179	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.37	95	253132	56.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.96%	
Target Compounds						
16) Acetone	3.78	43	11596m	10.613	ug/l	
18) Methyl Acetate	4.29	43	3190	1.146	ug/l	91
20) Methylene Chloride	4.51	84	7870	2.701	ug/l #	92
43) Isopropyl Acetate	8.13	43	92543	12.074	ug/l #	89

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

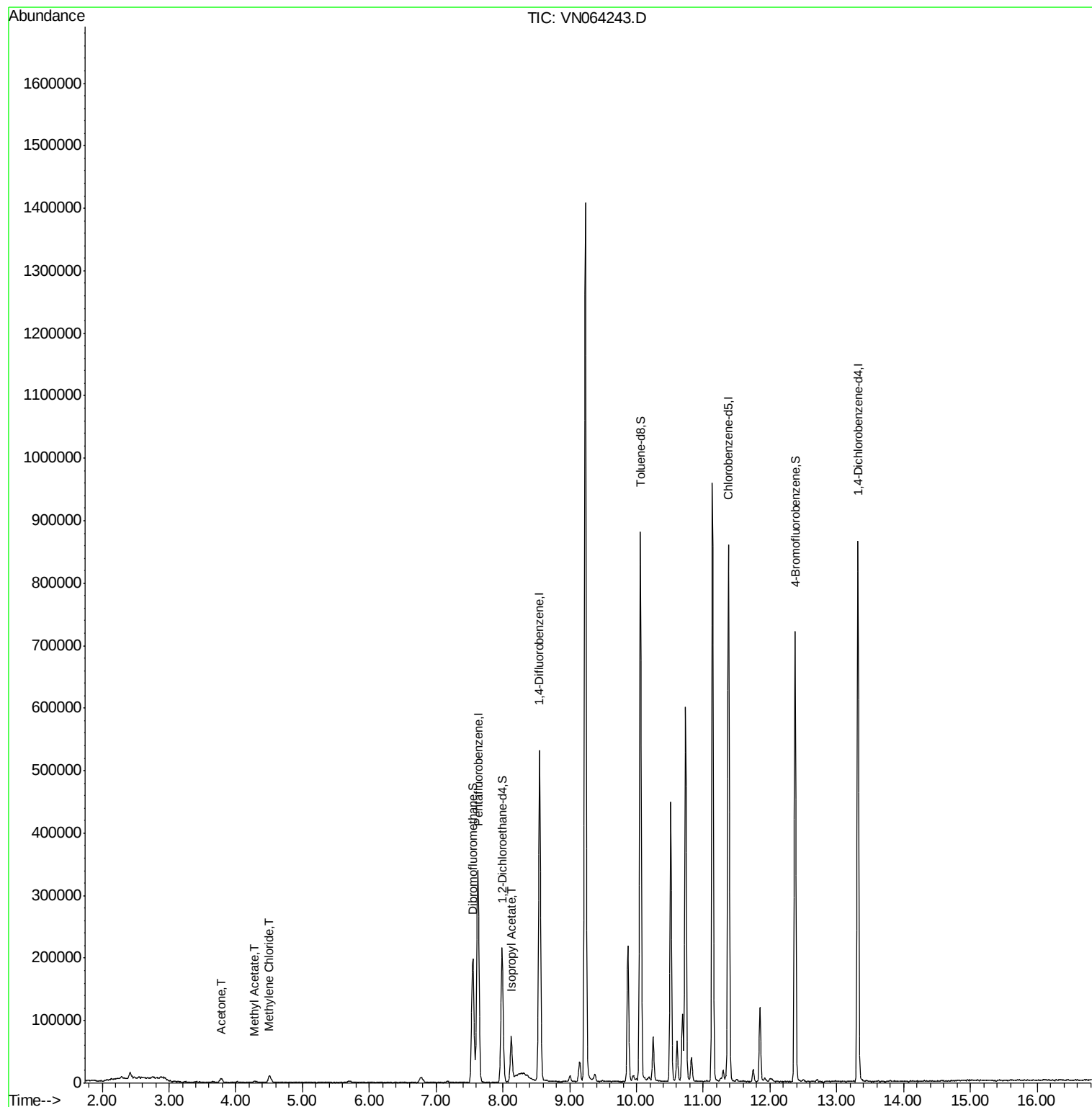
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Data File : VN064243.D
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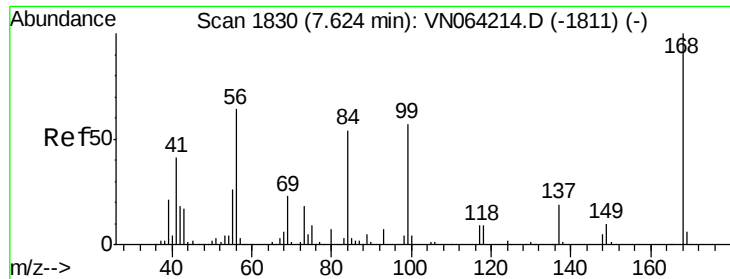
Instrument :
MSVOA_N
ClientSampleId :
PB132513ZHE#08

Manual Integrations
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Quant Time: Oct 22 04:05:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 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: VN064243.D

Acq: 22 Oct 2020 3:26

Instrument :

MSVOA_N

ClientSampleId :

PB132513ZHE#08

Tot Ion:168 Resp: 257134

Ion Ratio Lower Upper

168 100

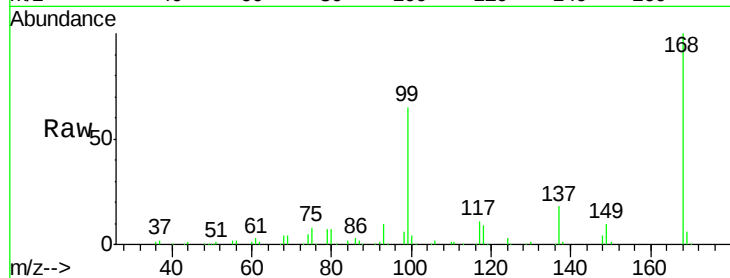
99 64.9 54.0 81.0

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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

120000

100000

80000

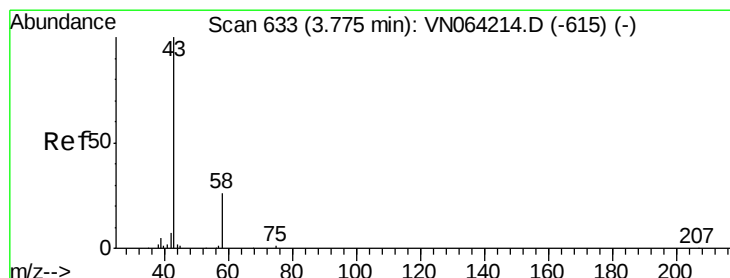
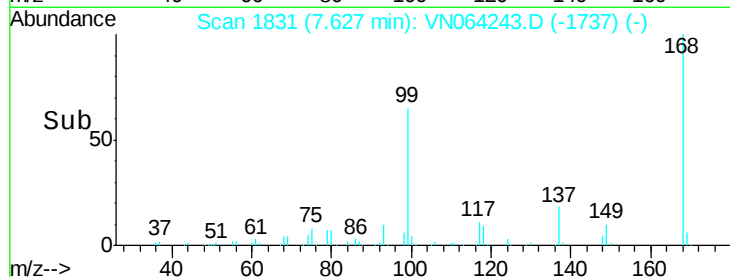
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 10.613 ug/l m

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064243.D

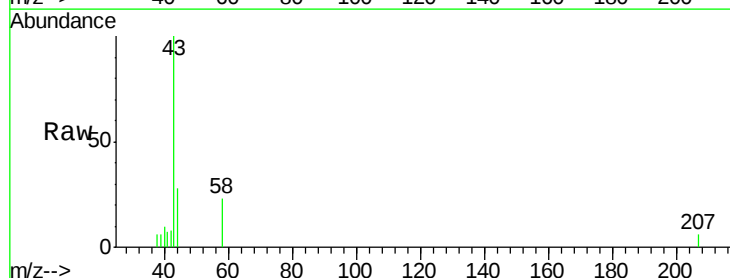
Acq: 22 Oct 2020 3:26

Tgt Ion: 43 Resp: 11596

Ion Ratio Lower Upper

43 100

58 22.7 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

4000

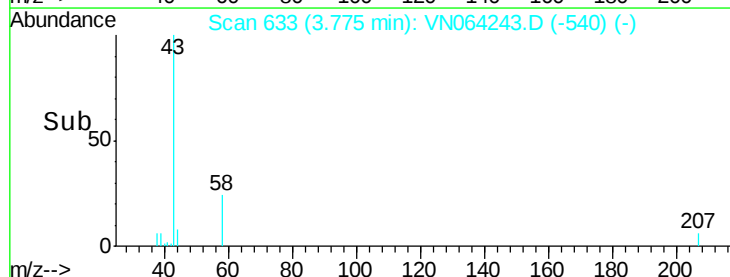
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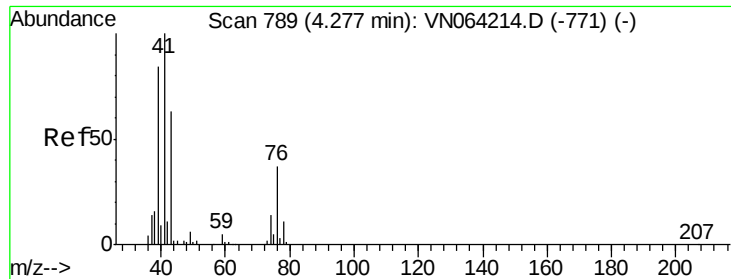
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





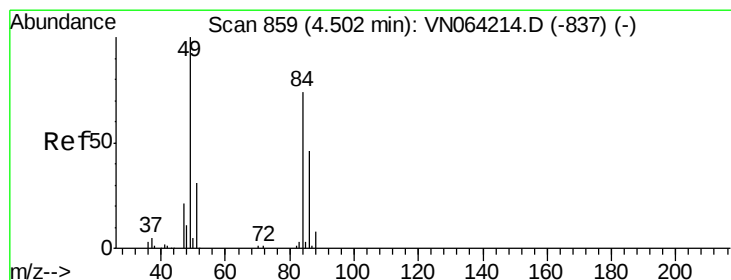
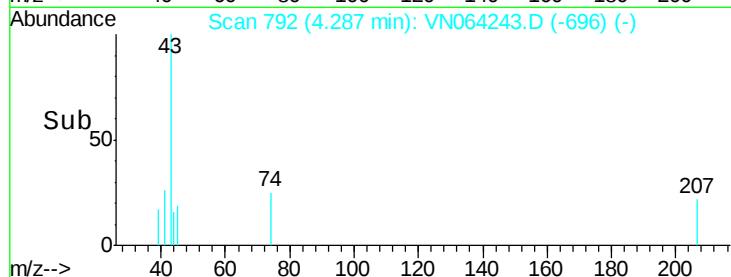
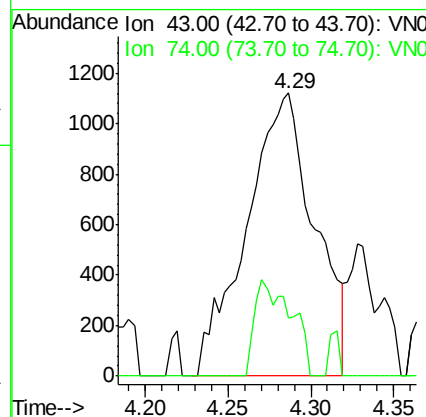
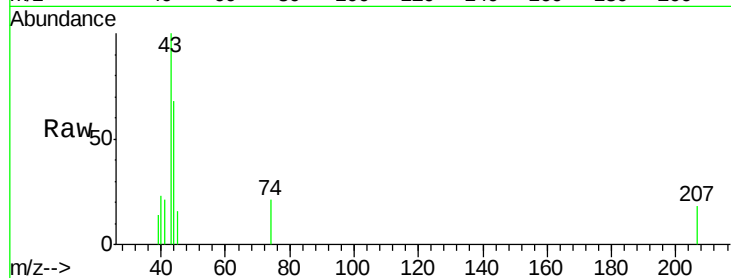
#18
Methyl Acetate
Concen: 1.146 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN064243.D
Acq: 22 Oct 2020 3:26

Instrument :
MSVOA_N
ClientSampleId :
PB132513ZHE#08

Tot Ion: 43 Resp: 3190
Ion Ratio Lower Upper
43 100
74 18.1 17.9 26.9

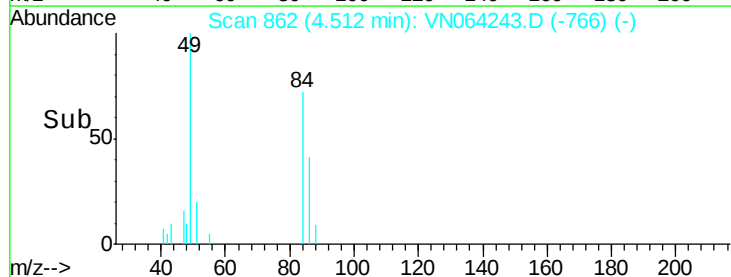
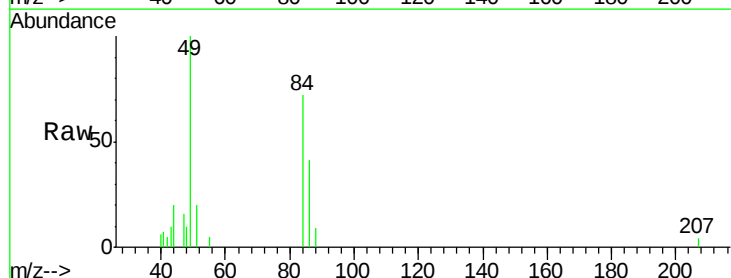
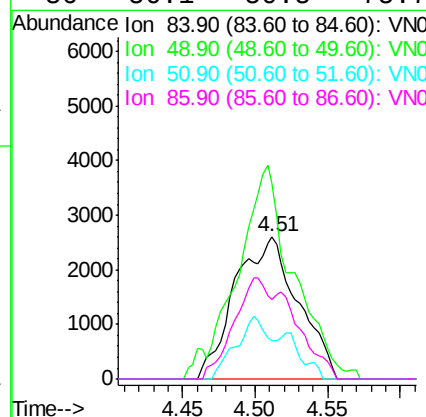
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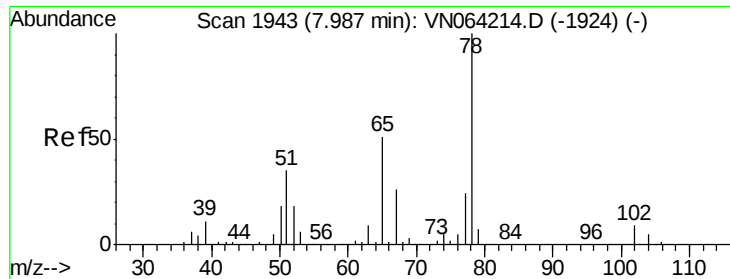
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#20
Methylene Chloride
Concen: 2.701 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN064243.D
Acq: 22 Oct 2020 3:26

Tgt Ion: 84 Resp: 7870
Ion Ratio Lower Upper
84 100
49 131.5 108.5 162.7
51 27.2 33.8 50.8#
86 56.1 50.5 75.7





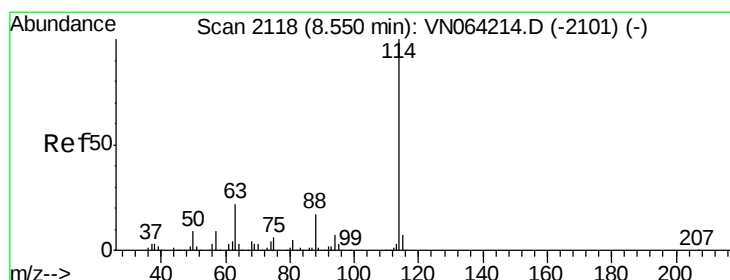
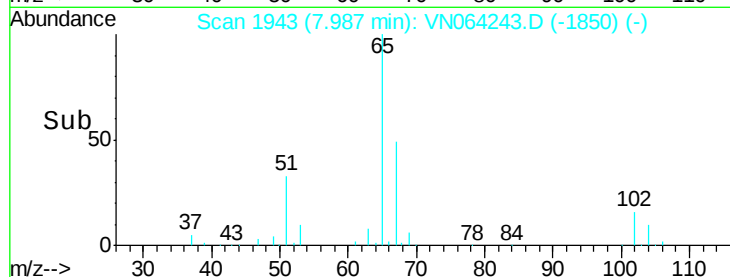
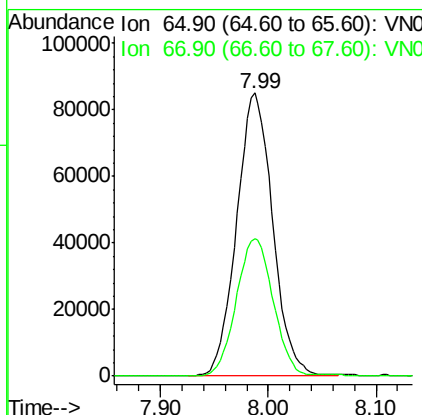
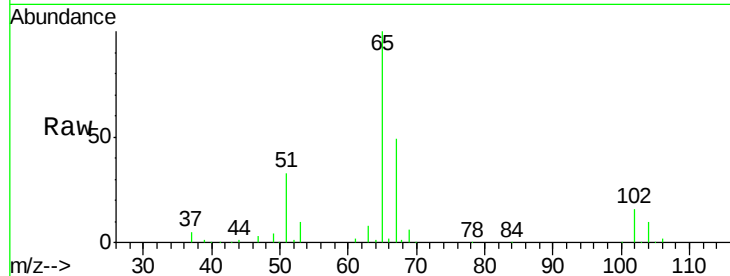
#33
 1,2-Dichloroethane-d4
 Concen: 51.866 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064243.D
 Acq: 22 Oct 2020 3:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132513ZHE#08

Tot Ion: 65 Resp: 198056
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 100.2

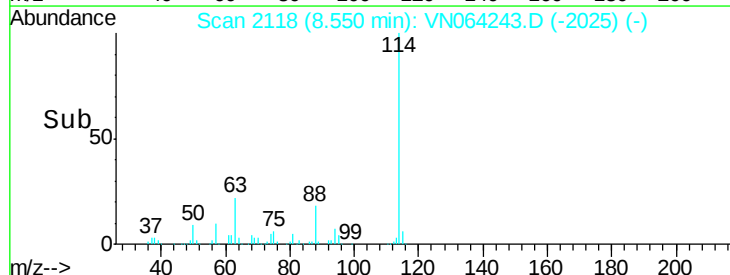
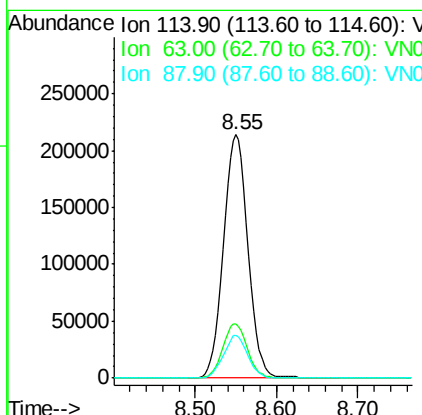
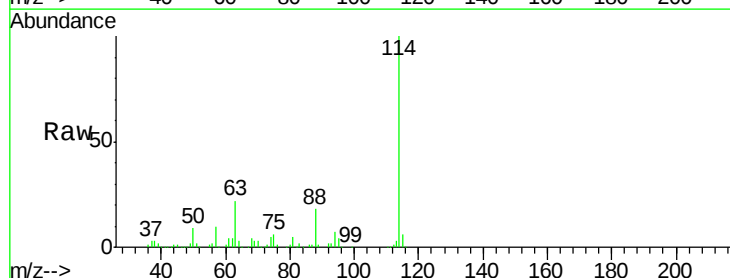
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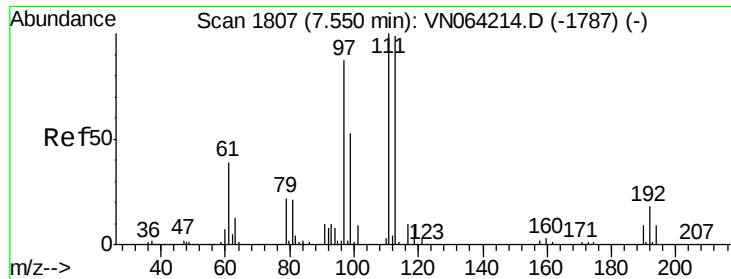
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064243.D
 Acq: 22 Oct 2020 3:26

Tgt Ion: 114 Resp: 454364
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.0
 88 17.7 0.0 34.2





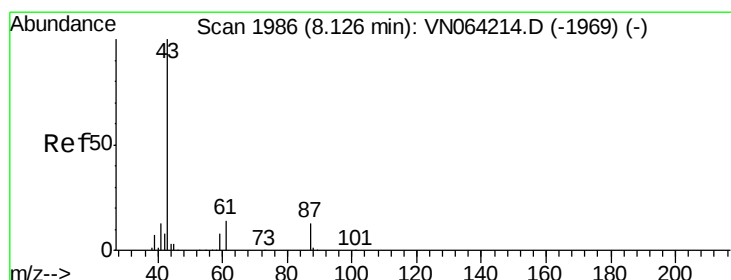
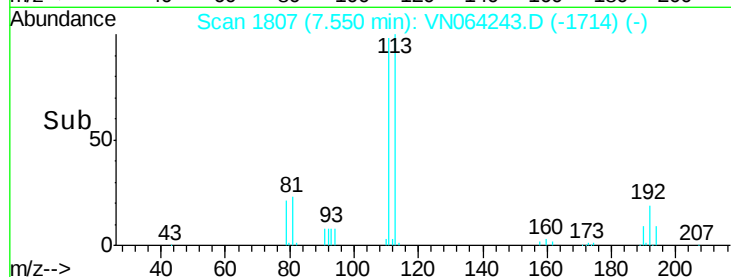
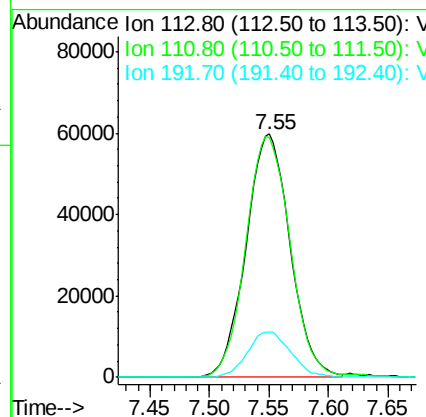
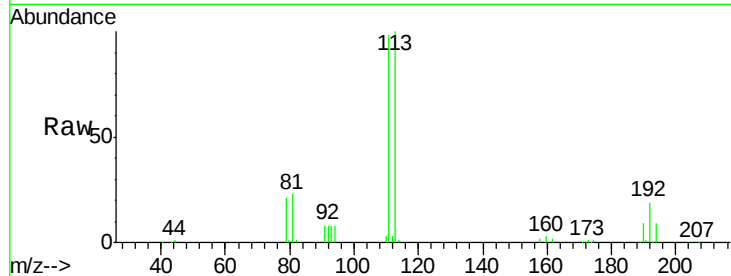
#35
 Dibromofluoromethane
 Concen: 50.693 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN064243.D
 Acq: 22 Oct 2020 3:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132513ZHE#08

Tot Ion	Ratio	Resp	Lower	Upper
113	100	153134		
111	99.8	84.2	126.2	
192	18.5	15.2	22.8	

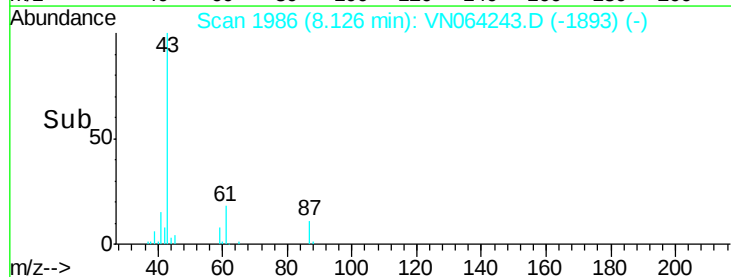
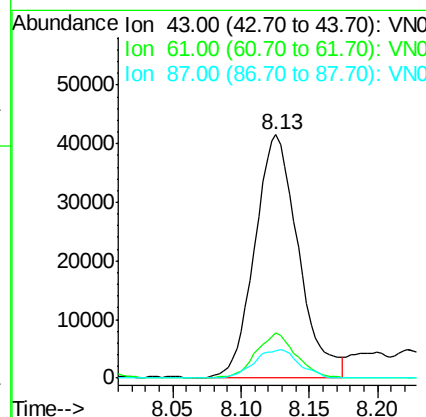
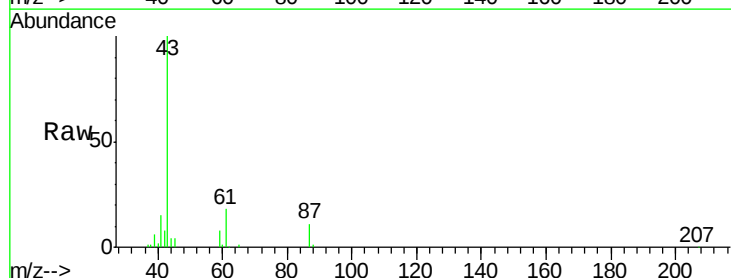
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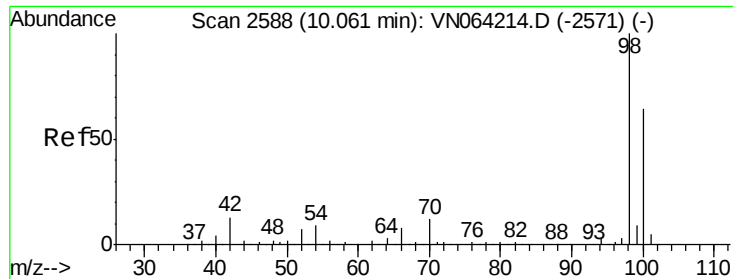
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#43
 Isopropyl Acetate
 Concen: 12.074 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VN064243.D
 Acq: 22 Oct 2020 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	92543		
61	16.9	19.6	29.4#	
87	11.8	9.8	14.6	





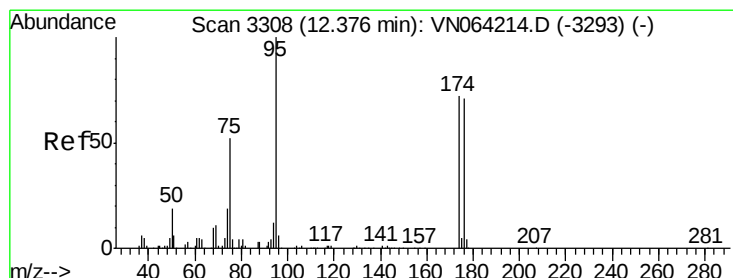
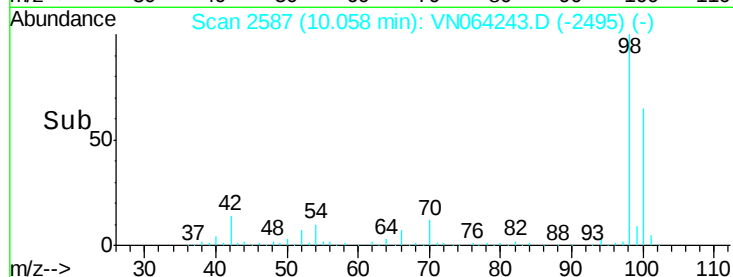
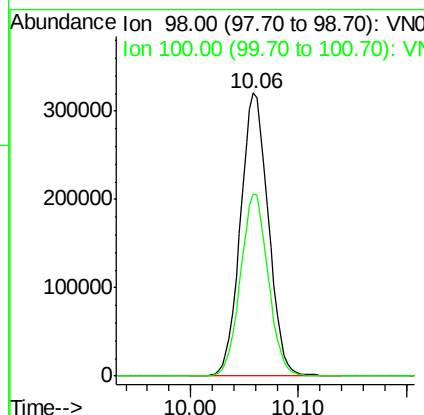
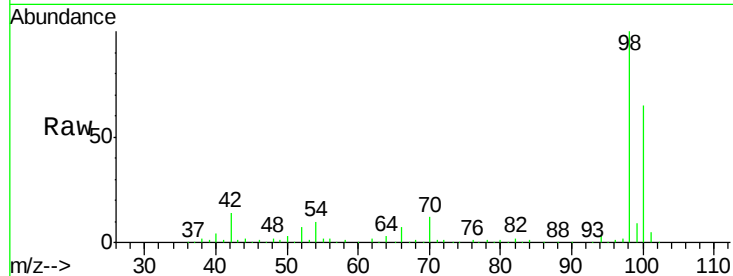
#50
Toluene-d8
Concen: 52.763 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064243.D
Acq: 22 Oct 2020 3:26

Instrument :
MSVOA_N
ClientSampleId :
PB132513ZHE#08

Tot Ion: 98 Resp: 578179
Ion Ratio Lower Upper
98 100
100 63.8 50.8 76.2

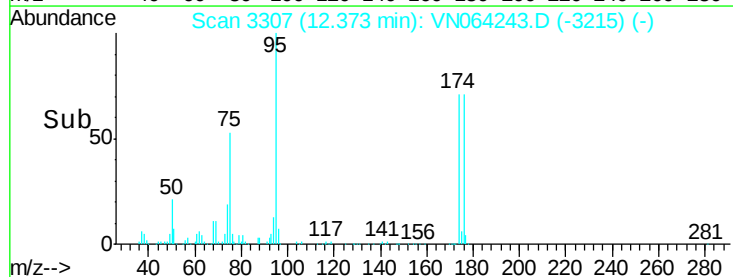
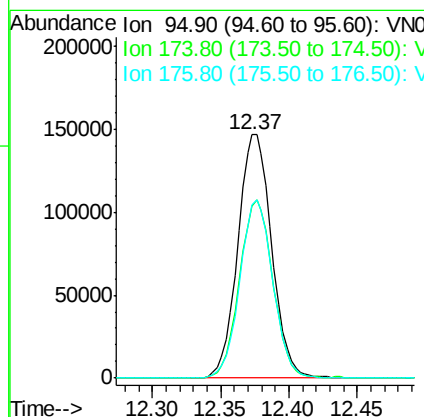
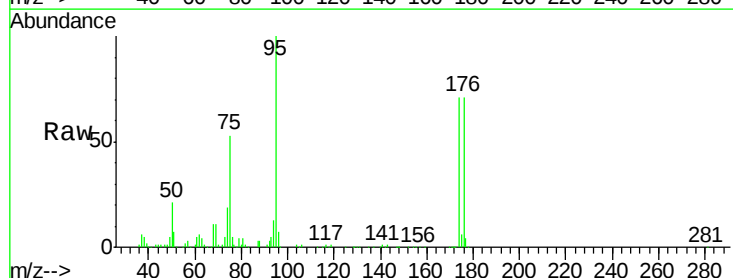
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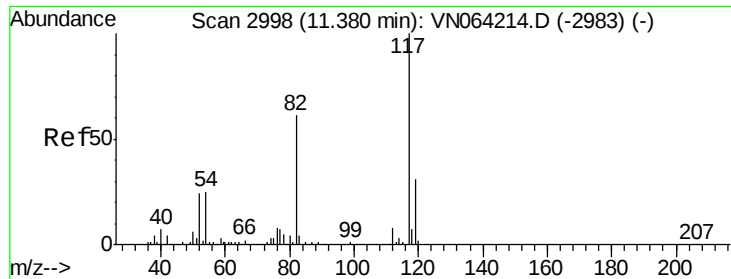
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#62
4-Bromofluorobenzene
Concen: 56.982 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064243.D
Acq: 22 Oct 2020 3:26

Tgt Ion: 95 Resp: 253132
Ion Ratio Lower Upper
95 100
174 72.0 0.0 144.4
176 71.0 0.0 139.2





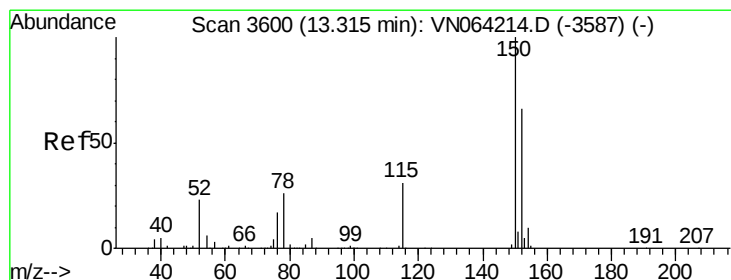
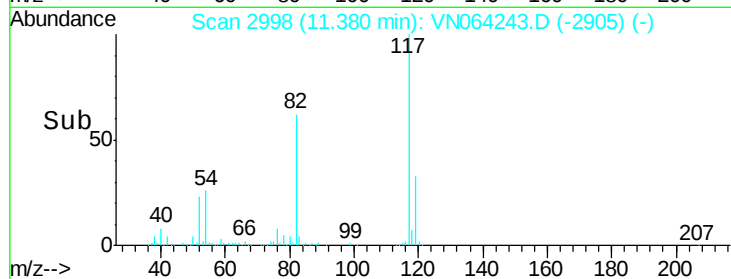
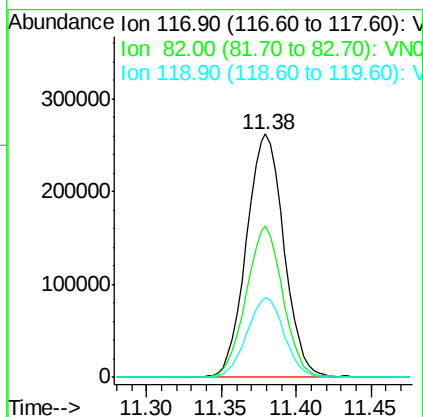
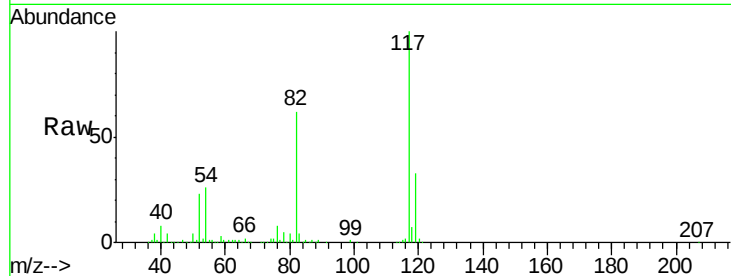
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064243.D
Acq: 22 Oct 2020 3:26

Instrument :
MSVOA_N
ClientSampleId :
PB132513ZHE#08

Tot Ion	Ratio	Resp	Lower	Upper
117	100	457448		
82	62.0	48.8	73.2	
119	32.7	24.7	37.1	

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064243.D
Acq: 22 Oct 2020 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	210986		
115	65.1	32.0	96.2	
150	158.4	0.0	356.6	

