

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110920\
 Data File : VN064513.D
 Acq On : 9 Nov 2020 17:58
 Operator : JC/MD
 Sample : L4628-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(NOV)

Manual Integrations
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Quant Time: Nov 10 11:49:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 09 13:16:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.16	128	56739	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	307153	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	276755	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	167223	33.29	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	110.97%#		
60) 4-Bromofluorobenzene	12.38	95	111485	23.52	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	78.40%		
63) Toluene-d8	10.06	98	380686	29.49	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.30%		
Target Compounds						
15) Acetone	3.78	58	430353	785.117	ug/l	Ovalue 96
30) 2-Butanone	6.80	43	10873m	4.121	ug/l	
58) 4-Methyl-2-Pentanone	9.96	43	7832	1.541	ug/l #	91

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

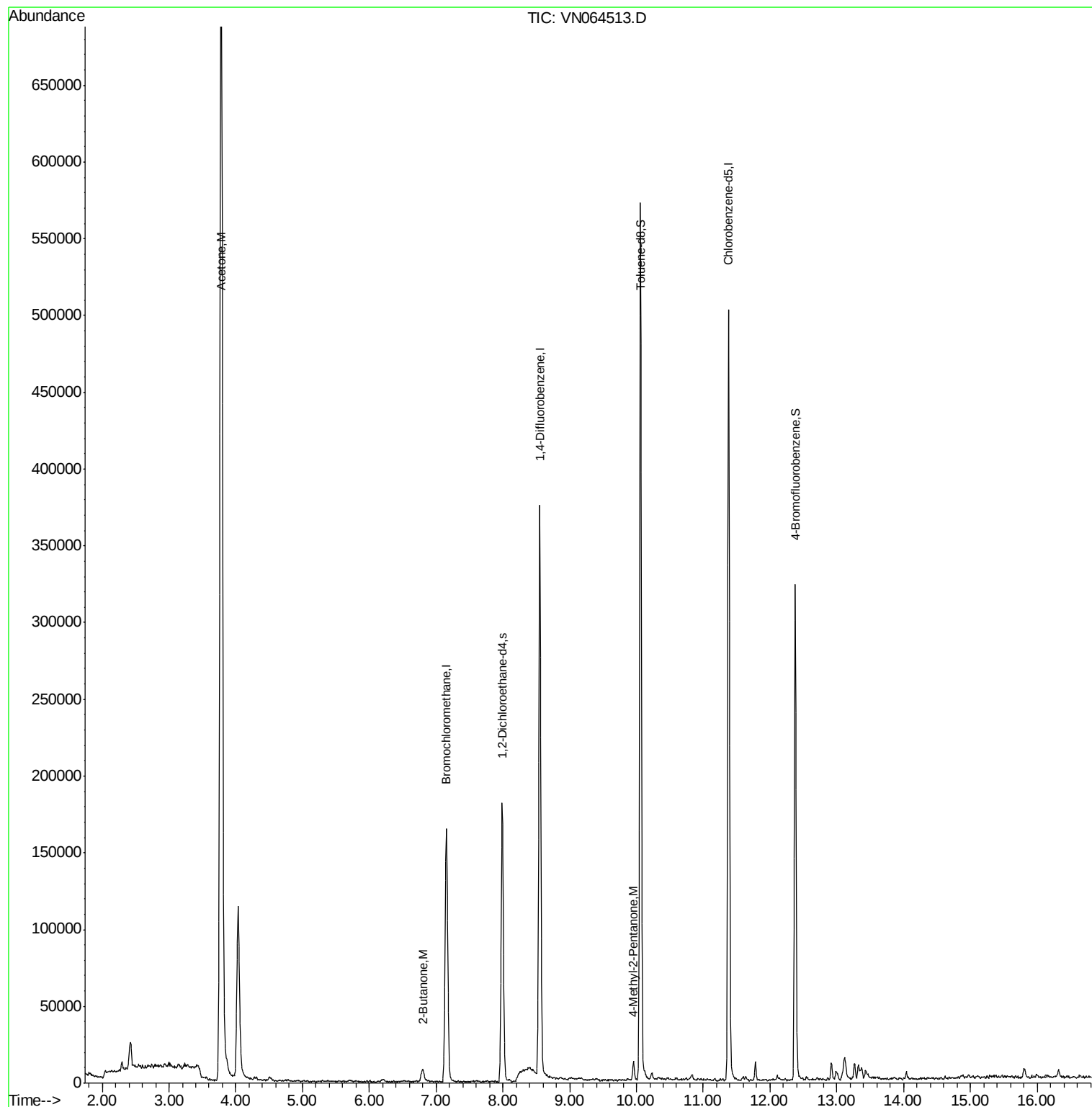
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110920\
Data File : VN064513.D
Acq On : 9 Nov 2020 17:58
Operator : JC/MD
Sample : L4628-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

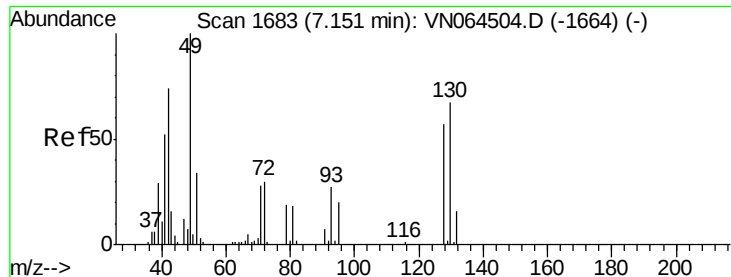
Instrument :
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Quant Time: Nov 10 11:49:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 09 13:16:36 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.16 min Scan# 1685

Delta R.T. 0.01 min

Lab File: VN064513.D

Acq: 9 Nov 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE(NOV)

Tot Ion:128 Resp: 56739

Ion Ratio Lower Upper

128 100

49 194.8 0.0 475.5

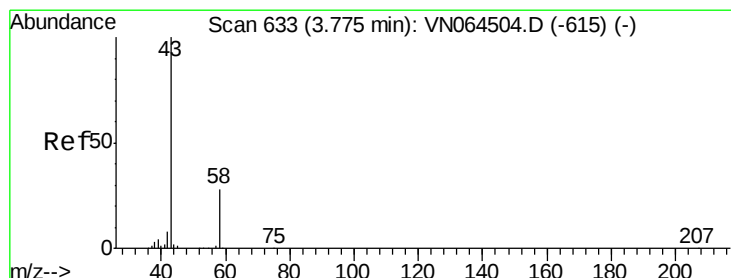
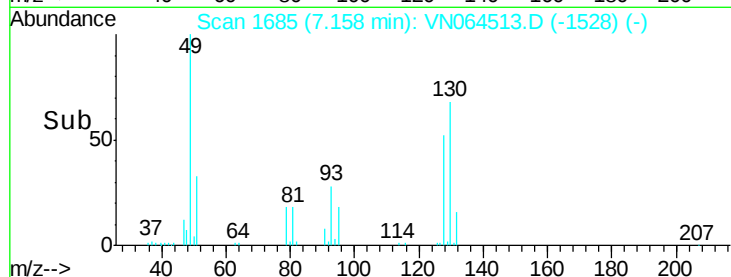
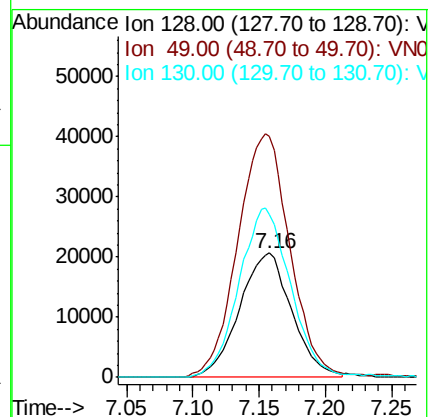
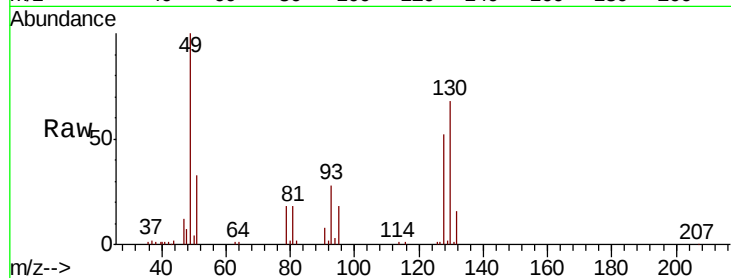
130 133.4 0.0 315.3

Manual Integrations

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#15

Acetone

Concen: 785.117 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064513.D

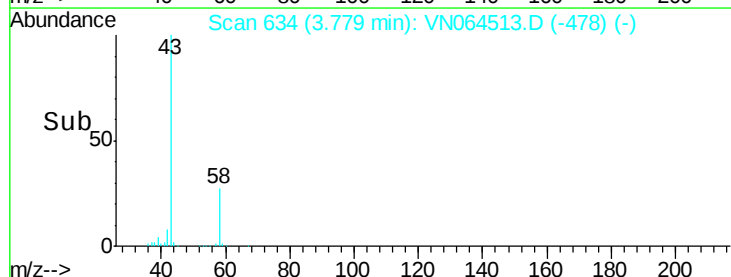
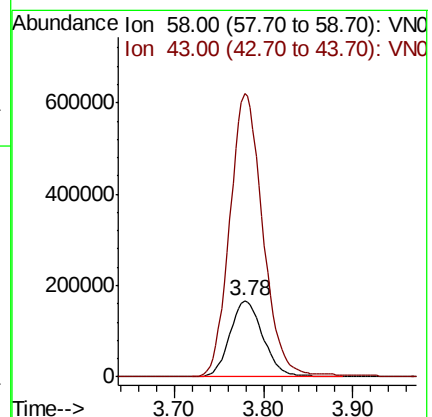
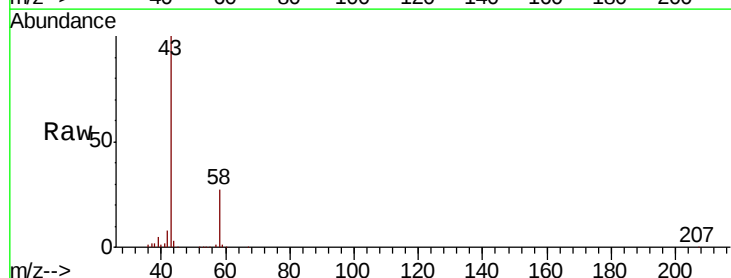
Acq: 9 Nov 2020 17:58

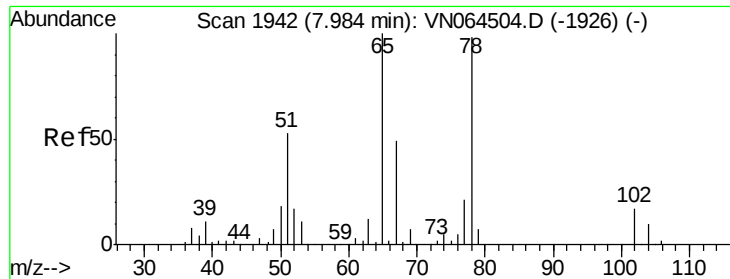
Tgt Ion: 58 Resp: 430353

Ion Ratio Lower Upper

58 100

43 371.9 289.8 434.8





#27

1,2-Dichloroethane-d4

Concen: 33.292 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064513.D

Acq: 9 Nov 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE(NOV)

Tot Ion: 65 Resp: 167223

Ion Ratio Lower Upper

65 100

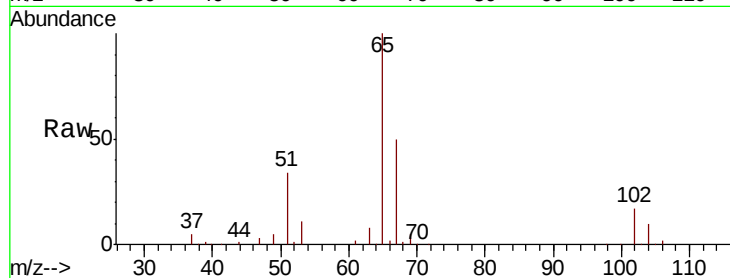
67 49.1 41.1 61.7

Manual Integrations

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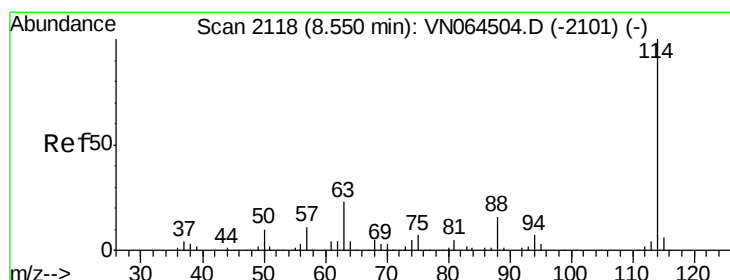
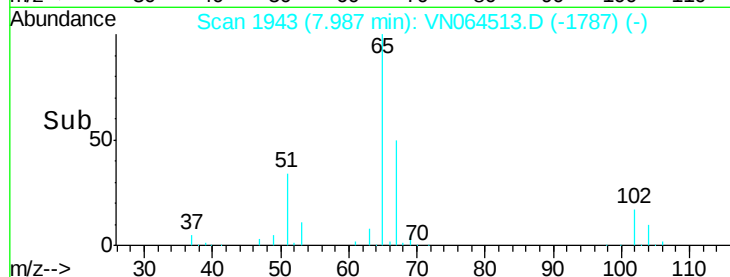
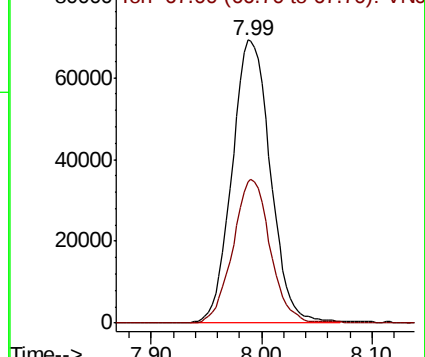
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Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN064513.D

Acq: 9 Nov 2020 17:58

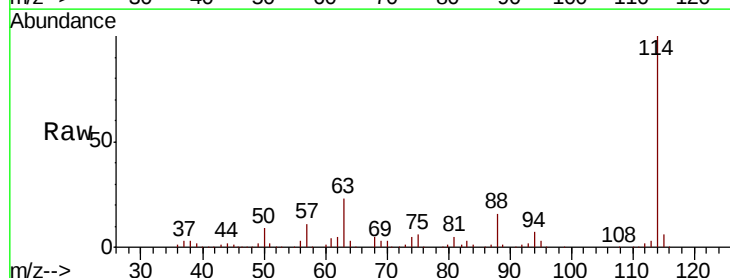
Tgt Ion: 114 Resp: 307153

Ion Ratio Lower Upper

114 100

63 23.1 18.5 27.7

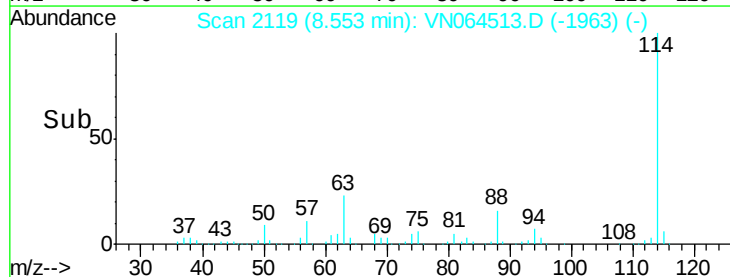
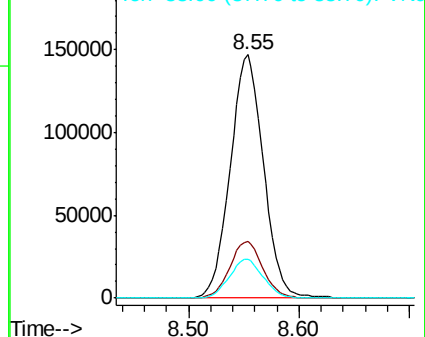
88 16.3 13.0 19.6

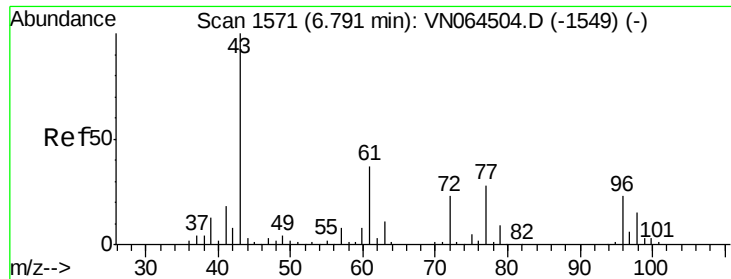


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0





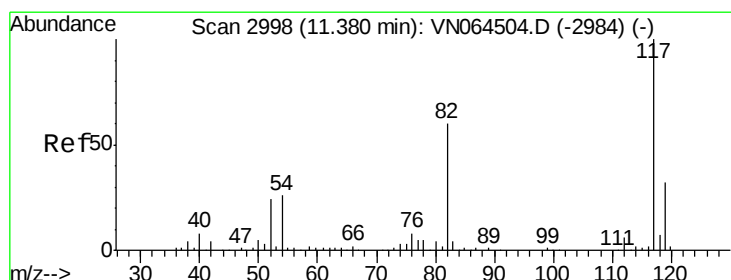
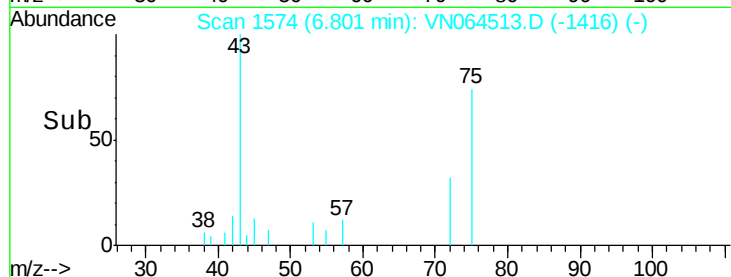
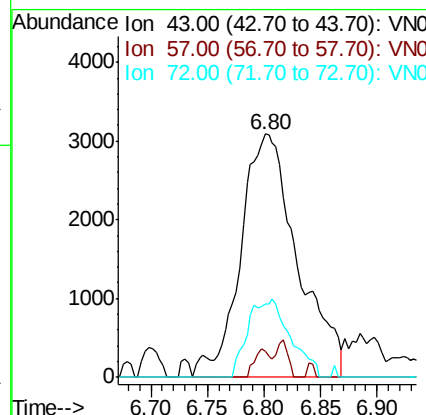
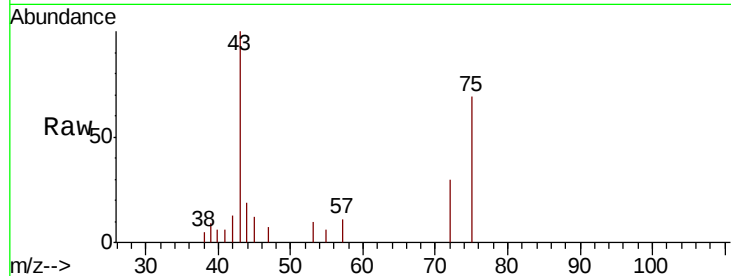
#30
2-Butanone
Concen: 4.121 ug/l m
RT: 6.80 min Scan# 1574
Delta R.T. 0.01 min
Lab File: VN064513.D
Acq: 9 Nov 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(NOV)

Tot Ion	43	57	72
Ratio	100	3.2	7.3
Lower		6.2	9.9
Upper		9.4#	14.9#

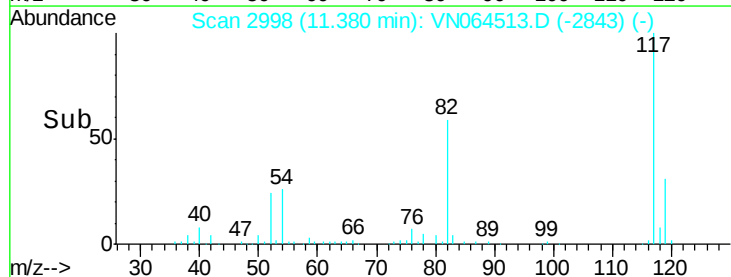
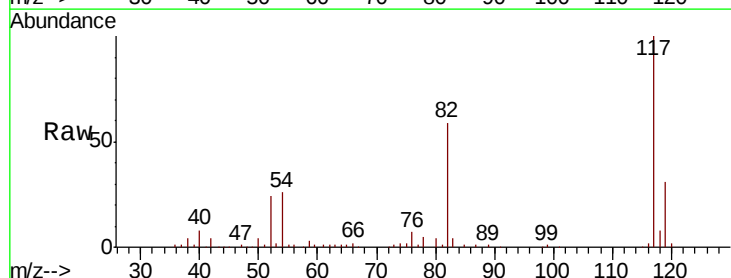
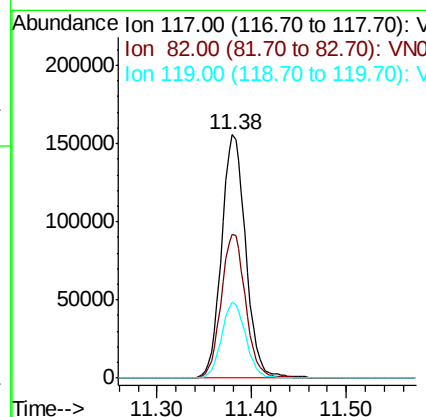
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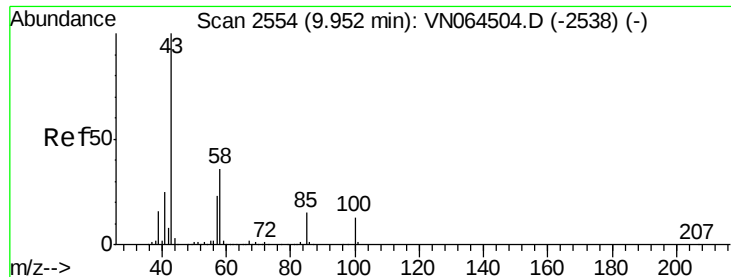
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064513.D
Acq: 9 Nov 2020 17:58

Tgt Ion	117	82	119
Ratio	100	59.6	31.2
Lower		47.8	25.7
Upper		71.8	38.5





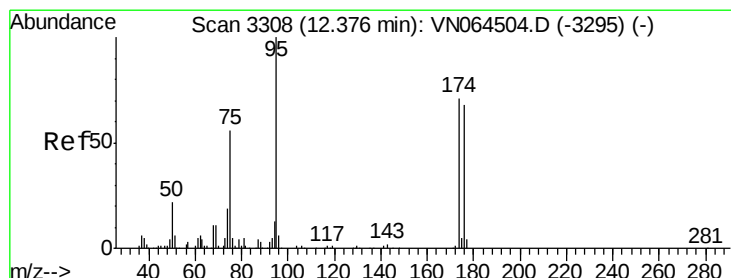
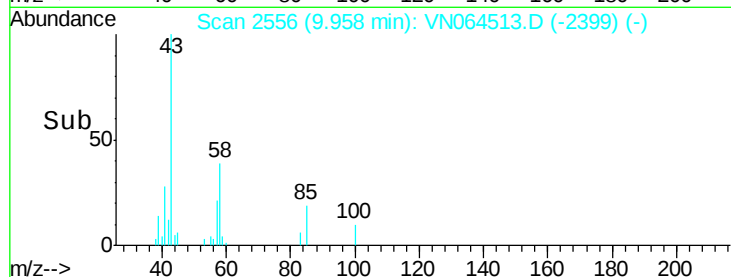
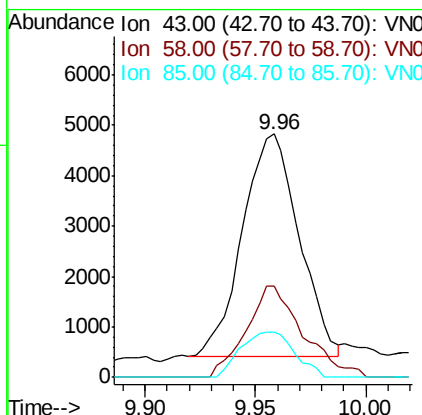
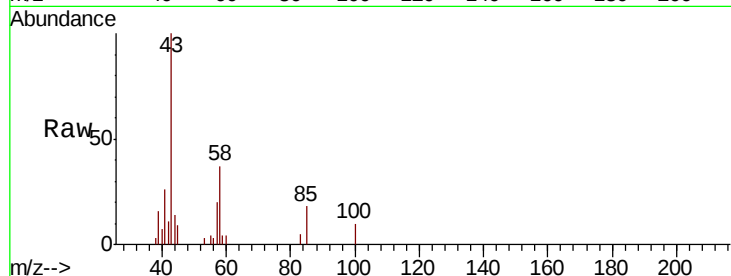
#58
4-Methyl-2-Pentanone
Concen: 1.541 ug/l
RT: 9.96 min Scan# 2556
Delta R.T. 0.01 min
Lab File: VN064513.D
Acq: 9 Nov 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(NOV)

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.9	28.8	43.2
85	19.3	12.3	18.5

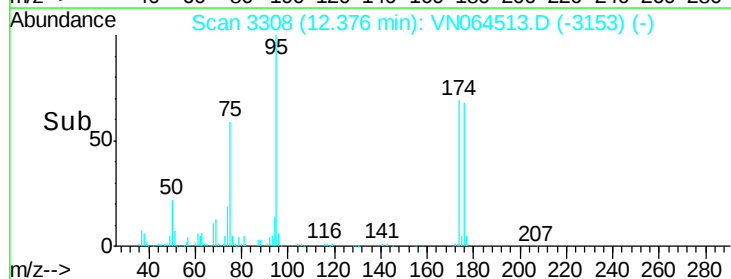
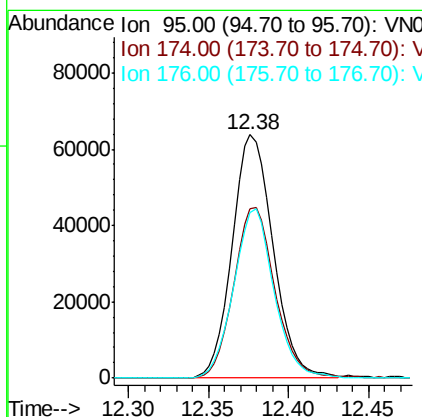
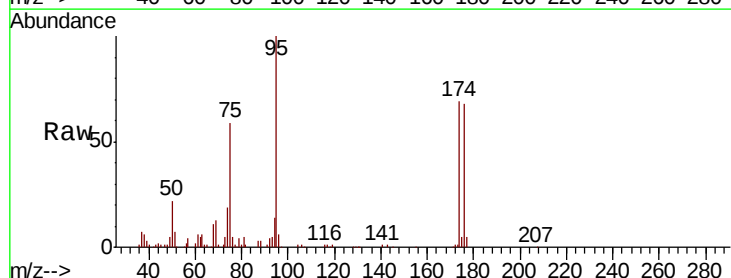
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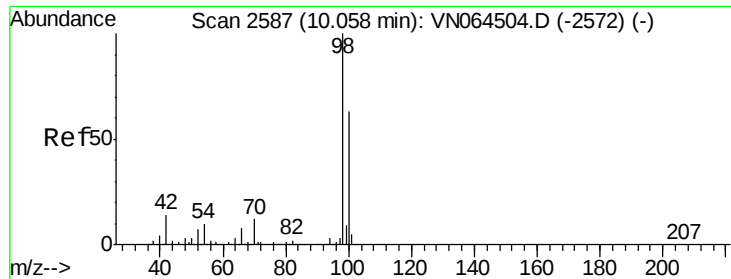
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#60
4-Bromofluorobenzene
Concen: 23.516 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064513.D
Acq: 9 Nov 2020 17:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.8	56.4	84.6
176	68.4	53.3	79.9





#63
Toluene-d8
Concen: 29.494 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064513.D
Acq: 9 Nov 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(NOV)

Tot Ion	Ratio	Lower	Upper
98	100		
100	61.9	49.4	74.2

Manual Integrations
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